

**REVISED INITIAL SITE ASSESSMENT
MOUNT VERNON AVENUE BRIDGE AND
PROPOSED SHOOFLY TRACK AREA
BURLINGTON NORTHERN AND
SANTA FE RAILROAD YARD
SAN BERNARDINO, CALIFORNIA**

PREPARED FOR:

Ms. Jean LaFontaine, Project Manager
ICF Jones & Stokes
9775 Businesspark Avenue
San Diego, California 92131

PREPARED BY:

Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
475 Goddard, Suite 200
Irvine, California 92618

January 13, 2010
Project No. 205732002

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Ms. Jean LaFontaine
ICF Jones & Stokes
9775 Businesspark Avenue
San Diego, California 92131

Subject: Revised Initial Site Assessment
Mount Vernon Avenue Bridge and Proposed Shoofly Track Area
Burlington Northern and Santa Fe Railroad Yard
San Bernardino, California

Dear Ms. LaFontaine:

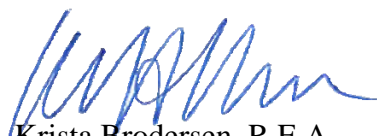
In accordance with your request and authorization, and our proposal dated June 19, 2009, Ninyo & Moore has conducted an Initial Site Assessment for the Mount Vernon Avenue Bridge and the proposed Shoofly Track area at the Burlington Northern and Santa Fe Railroad Yard in the City of San Bernardino, California. The following report documents our findings and conclusions.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact the undersigned at your convenience.

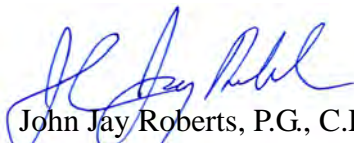
Sincerely,
NINYO & MOORE



Javier Perez
Senior Staff Environmental Scientist



Krista Brodersen, R.E.A.
Senior Project Environmental Scientist



John Jay Roberts, P.G., C.E.G.
Senior Engineer

JP/KAB/JJR/mlc/glw

Distribution: (1) Addressee
(1) Ms. Alicia, Colburn, AECOM/LAN Engineering
(1) Mr. Mike Grubbs, City of San Bernardino
(3) Ms. Julie Lugaro, Caltrans District 8

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EXECUTIVE SUMMARY

ICF Jones & Stokes (ICFJS) has authorized Ninyo & Moore to perform an Initial Site Assessment (ISA) of the Mount Vernon Avenue Bridge (the bridge) and the proposed shoofly track area at the Burlington Northern and Santa Fe Railway (BNSF) yard in the City of San Bernardino, San Bernardino County, California (site; Figure 1). This ISA has been performed in accordance with our proposal dated June 19, 2009, an agreement between ICFJS and Ninyo & Moore dated October 5, 2004, and Amendment No. 1 dated June 25, 2009.

For purposes of this report the site is separated into two portions. The first portion is the Mount Vernon Avenue Bridge and its approaches near 2nd and 5th streets. The bridge structure extends over a BNSF railroad intermodal facility, BNSF yard operation tracks, BNSF transcontinental tracks, Metrolink tracks, and a Metrolink parking lot. It is our understanding that the City of San Bernardino intends to replace the Mount Vernon Avenue Bridge. The second portion of the site is the proposed shoofly track area in the BNSF yard trending north of and adjacent to the existing tracks. Shoofly tracks are temporary tracks that would be used to replace rail capacity during pending bridge demolition/construction activities.

Historical research, document review, and site assessment activities were conducted between July 6 and August 7, 2009. In general, the following items were noted:

Mount Vernon Avenue Bridge

- The bridge (Figure 2) is situated above an active BNSF Railway - former Atchison, Topeka and Santa Fe Railway (ATSF) yard since its construction in approximately 1934.
- Soil underlying the bridge within the BNSF yard has been impacted with petroleum hydrocarbons and metals from historical railway operations. Impacted soil underlying a portion of the northern end of the bridge was excavated. Regulatory closure for impacted soil was granted on May 2003.
- Residual herbicides suspected to be used along the railroad tracks may be present in soil beneath the bridge.
- The bridge is approximately 1,000 feet west of a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF rail yard. The groundwater and extent of

contamination is currently under investigation under the oversight of the Regional Water Quality Control Board (RWQCB).

- Two former gasoline stations appear to have been located within the immediate vicinity of the bridge: one on the northwest corner of 5th Street and Mount Vernon Avenue and the other on the southwest corner of 2nd Street and Mount Vernon Avenue.

Proposed Shoofly Track Area

- The proposed shoofly track area (Figure 3) is in the northern portion of the BNSF railroad yard. This portion of the site extends through most of the length of the railroad yard from the approximate western end of the railroad yard to the intersection of 5th Street and I Street (northeastern corner of the railroad yard).
- The proposed shoofly track area west of the bridge contained railroad tracks leading into the train roundhouse since the railroad yard was developed in the early 1900s.
- The proposed shoofly area east of the bridge was occupied by a roundhouse and diesel and car shops (maintenance) extended onto the proposed shoofly track area east of Mount Vernon Avenue. The roundhouse and the diesel and car shops were removed in the early 1990s.
- A vapor extraction system/vapor treatment system (VES/VTS) was installed to remediate solvent contaminated soil in the immediate vicinity of the former diesel shops in the proposed shoofly track area. A no further action (NFA) was issued and for solvent contaminated soil by the RWQCB and a closure letter was issued for the BNSF property on September 9, 2008. The groundwater and extent of contamination is currently under investigation under the oversight of the RWQCB.
- A fueling area, wash pad and an oil/water separator system are adjacent and north of the proposed shoofly track area and west of the bridge. The fueling area contains a 6,000-gallon diesel above ground storage tank (AST), a 2,000-gallon gasoline AST, two 240-gallon diesel ASTs, two 240-gallon unleaded fuel ASTs, Seventeen 55-gallon drums of used filters and motor oil, two 240-gallon ASTs with motor oil and one 240 gallon AST with used motor oil, and a small shed with four 55 gallon drums containing new and used motor oil. Surface staining was observed around the stored petroleum products.
- The wastewater/oil-and-water separator system located on BNSF property north of the proposed shoofly area and west of the Mount Vernon Avenue Bridge consists of a below grade oil/water separator and an oil recovery AST. Wash water from the wash pads drains into the below grade oil/water separator. The recovered oil is pumped back to an oil recovery AST.
- Soil on BNSF property in the vicinity of the proposed shoofly track area has been impacted with petroleum hydrocarbons and metals from historical railway operations. Impacted soil,

west of the bridge, was excavated between October 1988 and May 2003. Regulatory closure of the impacted soil was granted on May 12, 2003.

- Based on the historic use as a rail yard and the common use of herbicides on railroad tracks, residual herbicides may be present in soil beneath the asphalt along the proposed shoofly track area.
- The eastern portion of the proposed shoofly track area is in the immediate vicinity of a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF/ATSF property. The extent of the groundwater contamination is currently under investigation under the oversight of the RWQCB

Based on the results of this ISA, Ninyo & Moore makes the following recommendations:

Mount Vernon Avenue

- Soil (and groundwater if encountered) beneath the bridge within the proposed demolition and construction zones should be sampled and analyzed for chemicals of concern (COCs) including petroleum hydrocarbons, metals, volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and chlorinated herbicides. Testing should be done during the final design phase to reduce the impact on BNSF operations. The testing should be done in one mobilization as indicated in the BNSF letter in Appendix H.
- If the proposed demolition construction activities will impact soil beneath the two former gasoline stations, soil samples should be collected and analyzed for petroleum hydrocarbons and VOCs during the design phase.
- Demolition or renovation of any structure requires notification and submittal of fees to the South Coast Air Quality Management District (SCAQMD).
- Work on BNSF property requires the completion and submittal of fees for an environmental access permit submitted to the Permit Department of Jones Lang LaSalle.
- Coordination of field work with BNSF is included in Appendix H.

Proposed Shoofly Track Area

- Soil (and groundwater if encountered) beneath the proposed shoofly track area should be sampled and analyzed for petroleum hydrocarbons, metals, VOCs, PCBs, SVOCs, and chlorinated herbicides. All testing should be done during the final design phase to reduce the impact on BNSF operations. The testing should be done in one mobilization as indicated in the BNSF letter in Appendix H.

- A hazardous materials contingency plan should be prepared to address the potential for discovery of unidentified USTs, septic systems, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan should address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.
- A soil monitoring plan should be prepared prior to construction and should be implemented during all phases of construction. Disturbed soils should be monitored for visual evidence of contamination (e.g., staining or discoloration). If visual evidence of contamination is observed, the soil should be monitored for the presence of Volatile Organic Compounds (VOCs) using appropriate field instruments such as organic vapor measurement with photoionization detectors (PIDs) or flame ionization detectors (FIDs). If the monitoring procedures indicate the possible presence of contaminated soil, a contaminated soil contingency plan should be implemented and should include procedures for segregation, sampling, and chemical analysis of soil. Contaminated soil will be profiled for disposal and will be transported with appropriate hazardous or non-hazardous waste manifests by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the type of waste indicated by the profiling process. The contaminated soil contingency plan should be developed and in place during all construction activities. In the event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/ National Pollutant Discharge Elimination System (NPDES) process, the groundwater should be profiled, manifested, hauled, and disposed of in the same manner.
- Work on BNSF property requires the completion and submittal of fees for an environmental access permit submitted to the Permit Department of Jones Lang LaSalle.
- Coordination of field work with BNSF is included in Appendix H.

1. INTRODUCTION

Ninyo & Moore conducted a Initial Site Assessment (ISA) of the Mount Vernon Avenue Bridge (the bridge) and the proposed shoofly track area at the Burlington Northern and Santa Fe (BNSF) Railroad Yard in the City of San Bernardino, San Bernardino County, California (site; Figure 1). Ninyo & Moore was contracted by ICF Jones & Stokes (ICFJS) to conduct this assessment in general accordance with our proposal dated June 19, 2009. The following sections identify the purpose, the involved parties, the scope of work, and the limitations and exceptions associated with this ISA.

1.1. Purpose

In accordance with Chapter 18 of the Caltrans Project Development Procedures Manual dated February 28, 2008, and the ASTM International (ASTM) Standard Practice for Environmental Site Assessments on Commercial Real Estate E 1527-05, the objective of this assessment is to identify, to the extent feasible pursuant to the process described in ASTM Practice E 1527-05, recognized environmental conditions (RECs), which are defined by ASTM 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.”

1.2. Involved Parties

Mr. Javier Perez of Ninyo & Moore conducted the site reconnaissance on July 30, 2009. Mr. Perez also performed regulatory inquiries, historical research, and document review between July 7, 2009, and August 5, 2009. Ms. Krista Brodersen performed project oversight and quality review. The ISA was prepared for ICFJS for use by the City of San Bernardino (user).

1.3. Scope of Services

Ninyo & Moore's scope of services for this ISA included the following:

- A review of a computerized database search of federal and state environmental record sources for the site and for properties located within the minimum search radii prescribed by the ASTM practice for the respective environmental records sources. The objective of the database search review was to evaluate locations where hazardous materials may have been used or stored and their possible effects on the site.
- A site visit to visually evaluate site characteristics for possible contaminated surface soil or surface water, improperly stored hazardous materials, possible sources of polychlorinated biphenyls (PCBs) and asbestos-containing materials (ACMs), and possible risks of site contamination from activities at the site. Owner representatives and/or other individuals familiar with the property, past site operations and construction history were interviewed, if readily available.
- A site vicinity reconnaissance to evaluate characteristics of adjacent or nearby properties for possible environmental influences on the site.
- A review of site and site vicinity historical land use to evaluate whether the past uses may have contributed to the presence of environmental concerns at the site. Information used to review the site history included readily available historical aerial photographs, reverse telephone directories, Sanborn Insurance Maps, building permits, oil and gas maps, and United States Geological Survey (USGS) Topographic Maps.
- A review of available local agency regulatory files for the subject site, and if necessary, for selected properties in the site vicinity, as available. Requests were made to the Santa Ana Regional Water Quality Control Board (RWQCB), the Department of Toxic Substances Control (DTSC), the South Coast Air Quality Management District (SCAQMD), the San Bernardino County Fire Department (SBCFD), and the San Bernardino Building and Safety Department (SBBSD).
- Preparation of this ISA report. This report was prepared for the site and documents environmental issues and discusses whether environmental concerns are present. The report includes the findings and provides a discussion, conclusions and recommendations regarding the current environmental condition of the site.

1.4. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject property or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

1.5. Special Terms and Conditions

This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, as indicated in Section 13.1.5 of ASTM E 1527-05, the following, which is not intended to be all inclusive, represents out-of-scope items with respect to an ISA and, therefore, were not addressed: asbestos-containing materials, radon, lead-based paint, lead in drinking water, regulatory compliance, cultural and historic risk, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality (e.g., vapor intrusion), biological agents, mold, and high voltage power lines. Furthermore, Ninyo & Moore did not address interpretations of zoning regulations, building code requirements, or property title issues.

1.6. User Reliance

This report may be relied upon by, and is intended exclusively for, ICFJS and the City of San Bernardino. Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than these is undertaken at said parties' sole risk.

1.7. Physical Limitations

No physical limitations (e.g., locked rooms, fenced areas) were encountered during the site reconnaissance. At the time of the site reconnaissance, the weather was sunny and clear.

1.8. Data Gaps

Title records were requested from the user, but not provided. The requested information is intended to provide records regarding environmental liens or impacts known by the user of the ISA. The lack of this requested information may affect Ninyo & Moore's ability to render a relatively complete ISA with respect to environmental concerns; however based on the level of RECs identified for the site, this lack of additional information is significant but not anticipated to be critical to the conclusions stated in this document.

No other significant data gaps were noted during the preparation of this ISA report.

2. SITE DESCRIPTION

The following sections describe the location of the site, general characteristics and current uses of the site, the structures present at the site, the tenant currently occupying the site, the heating and cooling systems utilized in the site buildings, the sewage disposal system, and the potable water provider for the site. The current uses of adjacent properties are also described. A site location map is presented as Figure 1. A Site Plan is presented as Figure 2. An aerial photograph depicting the approximate location of groundwater contamination plumes is presented as Figure 3. Photographs of the site taken during the site reconnaissance are presented in Appendix A. The site includes the Mount Vernon Avenue Bridge and its approaches near 2nd and 5th Streets and an

approximate 5,000 foot area of land that extends along the north end of the BNSF railroad tracks between Cabrera Avenue on the west and West 5th Street on the east.

2.1. Location and Legal Description

For purposes of this report the site is separated into two portions, the Mount Vernon Avenue Bridge (and its approaches) and the proposed Shoofly track area.

Mount Vernon Avenue Bridge

The Mount Vernon Avenue Bridge portion includes approximately 2,000 feet along Mount Vernon Avenue (including the bridge and its approaches) from West 2nd Street on the south to West 5th Street on the north. The existing bridge is designated by Caltrans as Bridge No. 54-C0066 (Figure 2). The actual bridge structure extends over a BNSF Railroad Intermodal Facility, BNSF yard operation tracks, BNSF transcontinental tracks, Metrolink tracks, and a Metrolink parking lot. The bridge is concrete and approximately 50 feet wide and 975 feet long. The south bridge approach extends approximately 300 feet to the north from 2nd Street. The north bridge approach extends approximately 200 feet to the south from West 4th Street. No street addresses for found associated with the bridge. The year “1934” (presumed year of construction) was noted to have been imprinted in concrete on the northwestern portion of the bridge.

Proposed Shoofly Track Area

The proposed Shoofly track area portion of the site includes an approximately 5,000 foot long area in the BNSF property running north of and adjacent to the existing tracks. The area extends from approximately 1,850 feet west of the Mount Vernon Avenue Bridge to the intersection of the railroad tracks and Cabrera Avenue and approximately 3,150 feet east of the Mount Vernon Avenue Bridge to the intersection of the railroad tracks and West 5th Street. The eastern portion of the proposed shoofly area curves in a northeasterly direction between the intersection of the railroad tracks and North J Street. The shoofly tracks are temporary tracks that will be used to replace rail capacity during pending bridge demolition/construction activities.

2.2. General Site Characteristics

The site is primarily utilized as a bridge, roadway, and for railroad related purposes.

Mount Vernon Avenue Bridge

The site is primarily used as a bridge and roadway.

Proposed Shoofly Track Area

The site is currently paved and used for access to BNSF railroad tracks and the movement of equipment and shipping containers to and from the tracks.

2.2.1. Site Structures

Mount Vernon Avenue Bridge

No structures were observed on the Mount Vernon Avenue Bridge, its approaches, or the proposed shoofly track area.

2.2.2. Occupants

Mount Vernon Avenue Bridge

The Mount Vernon Avenue Bridge is a public street maintained by the City of San Bernardino.

Proposed Shoofly Track Area

The proposed shoofly track area is located within the BNSF intermodal facility. The facility is currently occupied by BNSF and its contractors.

2.2.3. Roads

Mount Vernon Avenue Bridge

The site is located on Mount Vernon Avenue bound to the north by West 5th Street, and to the south by West 2nd Street.

Proposed Shoofly Track Area

The site is bound by West 4th Street on the northwest; West 5th Street on the northeast; Santa Fe Way on the southwest; West 3rd Street on the southeast; and to the east by Interstate 215 Freeway (I-215).

2.2.4. Heating and Cooling Systems

Heating and cooling systems were not observed on the Mount Vernon Avenue Bridge, its approaches, or the proposed shoofly track area.

2.2.5. Sewage Disposal/Septic Systems

No evidence of septic systems was observed on or adjacent to the Mount Vernon Avenue Bridge, its approaches, or the proposed shoofly track area. The site is in an area that is serviced by the City of San Bernardino.

2.2.6. Potable Water

Potable water is provided to the area of the site by the City of San Bernardino Water Department.

2.2.7. Other Utilities

Other utilities provided to the site vicinity include the following:

- Electric – Southern California Edison
- Refuse – Refuse service is provided by the City of San Bernardino Integrated Waste Management Division.

2.3. Adjoining Properties

Table 1 lists the properties adjoining the site and associated land use. Figures showing adjacent property uses are presented as Figure 2.

Table 1 – Adjoining Properties

Mount Vernon Avenue Bridge	
Location	Current Occupant(s)
Northeast	BNSF Intermodal Facility, Ruben's Villa Restaurant and Bar
Northwest	BNSF Intermodal Facility, vacant land, Vacant Commercial Building, El Patio Hotel, beauty salon, and pawn shop.
Southeast	BNSF Intermodal Facility, Metrolink parking lots, vacant land
Southwest	BNSF Intermodal Facility, Metrolink parking lots, residential properties, car wash, and tire shop.
Proposed Shoofly Track Area	
Location	Current Occupant (s)
North	BNSF Intermodal Facility
South	BNSF Intermodal Facility, MetroLink and Amtrack rail tracks, and the San Bernardino Amtrack Station
East	Interstate 215 Freeway
West	Lytle Creek Flood Control Channel

3. USER PROVIDED INFORMATION

The following sections summarize information provided by the user to assist the environmental professional in identifying the possibility of RECs in connection with the site, and to partially fulfill the user's responsibilities in accordance with Section 6 of ASTM Practice E 1527-05. The user questionnaire was completed by Mr. Michael W. Grubbs, Project Manager, for the City of San Bernardino. A copy is provided in Appendix G. The title records were requested, but were not provided to Ninyo & Moore for review.

3.1. Current Title Information

Title records were not provided to Ninyo & Moore.

3.2. Environmental Liens or Activity and Use Limitations

According to the user questionnaire the user is not aware of any environmental liens or activity and use limitations. Title records were not provided to Ninyo & Moore.

3.3. Specialized Knowledge

The user questionnaire did not provide information on specialized knowledge regarding the site.

3.4. Commonly Known or Reasonably Ascertainable Information

The user questionnaire reported that the property beneath the bridge is a rail yard and that contamination is likely due to historical and current railroad use. No other commonly known or reasonably ascertainable information of the site was provided.

3.5. Valuation Reduction for Environmental Issues

According to the user questionnaire the user does not believe that the value reduction due to environmental issues is applicable to the site since the current uses of the site will continue.

3.6. Site Contact Information

Table 2 lists the site personnel that were contacted by Ninyo & Moore for the purposes of this assessment.

Table 2 – Site Contacts

Contact	Company	Relationship to Site
Ms. Jean LaFontaine	ICF Jones & Stokes	Retained Ninyo & Moore to conduct this Phase I ESA
Mr. Maneck Chichgar	Santa Ana Regional Water Quality Control Board	Project Manager for SARWQCB overseeing groundwater investigation
Mr. Rondale Glenn	Burlington Northern – Santa Fe Railway	Representative for BNSF
Mr. Mark Schuster	Eagle Intermodal	Representative for BNSF

3.7. Other User Provided Information

No other information regarding the environmental condition of the site was provided to Ninyo & Moore.

4. PHYSICAL SETTING

The following sections include discussions of topographic, geologic, hydrogeologic conditions, and wetlands characterization in the vicinity of the site, based upon our document review and our visual reconnaissance of the site and adjacent areas.

4.1. Topography

Based on a review of the United States Geological Survey (USGS) 7.5-Minute San Bernardino South, California, Topographic Quadrangle Map, dated 1967 and photorevised in 1980, the site has an approximate elevation of 1,080 feet above mean sea level (msl). The site and immediate vicinity are relatively flat, with regional topography sloping to the southeast.

4.2. Geology

The project area is situated in the Santa Ana River Valley, in the southwestern portion of the Transverse Ranges Geomorphic Province. The geomorphic province encompasses an area that extends 320 miles from Point Arguello and San Miguel Island on the west to the mountains of Joshua Tree National Monument on the east, where the province merges with the Mojave and Colorado Deserts. The geomorphic province varies in width from 40 to 60 miles, most of which is characterized by east-west trending mountain ranges that are underlain by a Jurassic and older age igneous and metamorphic rocks. The site vicinity is characterized by recent non-marine alluvial deposits forming a veneer over approximately 17,000 feet of interbedded conglomerate, sandstone, and shale.

4.3. Hydrology

According to information obtain from the State Water Resources Control Board's (SWRCB) GeoTracker website, regional groundwater flow beneath the site is inferred to the southeast,

toward the Santa Ana River (Stantec, 2009). Groundwater beneath a property located approximately ¼ mile east of the site was encountered at depths of approximately 32 to 42 feet below ground surface (bgs) and from 55 to 90 feet bgs. Shallow groundwater is an intermittent and laterally discontinuous perched groundwater zone. Shallow groundwater flow direction is reported to the east-northeast (Stantec, 2009). According to Mr. Chichgar of the SARWQCB, groundwater beneath the site may be greater than 300 feet below the surface; however, the groundwater investigation is still ongoing. Groundwater levels can fluctuate due to seasonal variations, groundwater withdrawal or injection, and other factors.

5. HISTORICAL USE INFORMATION

Ninyo & Moore conducted a historical record search for both the site and surrounding areas. This review included one or more of the following sources that were found to be both reasonably ascertainable and useful for the purposes of this ISA: historical aerial photographs, historical fire insurance maps, historical city directories, building permits, and topographic maps. The following table lists the historical data types reviewed for this ISA, their source, their respective dates, and data failures encountered during our review, if any.

Table 3 – Summary of Historical Records Reviewed

Data Type	Source	Source Dates	Data Limitation
Historical Aerial Photographs	FirstSearch	See Table 5	None
Fire Insurance Maps	FirstSearch report	1894-1969	Maps partially cover the site.
City Directories	Haines Directory and Sherman Library	See Table 6	Addresses not available for the site.
Building records	City of San Bernardino Department of Planning	1970 - 2003	Building permits for the site were not identified for any year prior to 1970.
Topographic Map	USGS 7.5-Minute Topographic Quadrangle Map Series, San Bernardino South, California	1980	None
Notes: USGS – United States Geological Survey			

Although one or more of the sources listed above provided limited information with regards to the historical use of the site, the information gathered from the sources reviewed as a whole is adequate to develop a history of the previous uses of the site and the surrounding area in accordance with Section 8.3 of ASTM Practice E 1527-05.

5.1. Historical Aerial Photographs

Historical aerial photographs were provided by FirstSearch historical aerial photographs and available for the years: 1938, 1953, 1966, 1967, 1980, 1994, and 2002. The 2009 aerial photograph was provided by Google Earth. Notable observations from each photograph are presented below and are included in Appendix B of this report.

5.1.1. 1938 Aerial Photograph

Mount Vernon Avenue Bridge

The site appears to be occupied by the current Mount Vernon Avenue Bridge.

Proposed Shoofly Track Area

The site appears to contain several railroad tracks. East of the Mount Vernon Avenue Bridge a train roundhouse and former ATSF diesel fueling buildings appear to cover portions of the proposed shoofly track area.

Site Vicinity

The site vicinity appears to be occupied by the ATSF (current BNSF) yard. Two large ASTs are apparently present north of the proposed shoofly track area and west of the Mount Vernon Avenue Bridge. Several buildings and an apparent train roundhouse are observed north of the proposed shoofly track area and east of the Mount Vernon Avenue Bridge. The Santa Fe Depot Station (SFDS; current Amtrak station) appears south of the proposed shoofly track area on the southeast portion of the ATSF (current BNSF) yard. The remaining areas around the ATSF (current BNSF) yard primarily appear as residential properties.

5.1.2. 1953 and 1966 Aerial Photographs

The site appears generally as it did in the 1938 aerial photograph.

Site Vicinity

The site vicinity appears generally as it did in the 1938 aerial photograph except; new buildings appear on previously vacant land immediately south of the SFDS (current Amtrak station), and portions of the train roundhouse have been removed.

5.1.3. 1977 Aerial Photographs

The site appears generally as it did in the 1966 aerial photograph.

Site Vicinity

The site vicinity appears generally as it did in the 1966 aerial photograph except for the two large ASTs located north of the proposed shoofly track area and west of the Mount Vernon Avenue Bridge have been removed.

5.1.4. 1980 and 1994 Aerial Photographs

Mount Vernon Avenue Bridge

The site appears generally as it did in the 1966 aerial photograph.

Proposed Shoofly Track Area

Railroad track in the vicinity of the proposed shoofly track area east of the Mount Vernon Avenue Bridge appear to have been removed.

Site Vicinity

Several buildings and the train roundhouse have been removed from the ATSF (current BNSF) yard north of the proposed shoofly track area and east of the Mount Vernon Avenue Bridge. Buildings south of the proposed shoofly track area and immediately west and adjacent to the SFDS have been removed.

5.1.5. 2002 and 2009 Aerial Photographs

The site appears generally as it did during the site reconnaissance.

Site Vicinity

The northeastern portion of the BNSF yard has been converted into parking lots for trailers with an office and maintenance building. A building is observed on the northeast portion of the BNSF yard north of the proposed shoofly track area and east of the Mount Vernon Avenue Bridge. The area west of the Mount Vernon Avenue Bridge in the vicinity of the proposed shoofly tracks appears to be used as a driveway. The vicinity around the BNSF yard appears to be primarily residential with some retail and commercial buildings. New parking lots appear southwest of the BNSF yard.

Based on our aerial photograph review, the site has been developed with the Mount Vernon Avenue Bridge prior to 1938. The proposed shoofly track area contained railroad tracks from 1938 to 1980 and has been used as a driveway since 1980. Railroad activities in the site vicinity have been in place from prior to 1938.

5.2. Sanborn Fire Insurance Rate Maps

Environmental FirstSearch was retained to procure Sanborn Fire Insurance Rate Maps. Fire Insurance Maps were available for years 1894, 1906, 1950, 1951, 1953, 1954, 1956, 1957, 1958, 1959, 1961, 1963, and 1969. The maps only provided partial coverage of the area west of and including Mount Vernon Avenue between 5th and 4th Street. A summary of our review of the Sanborn Fire Insurance Maps provided is as follows.

5.2.1. 1894 Map

Mount Vernon Avenue Bridge

The site was not observed in the 1894 Sanborn map.

Proposed Shoofly Track Area

The northeastern most portion of the Shoofly Track area is depicted on the 1894 Sanborn Map west of I street, and appears to be designated as the railroad reserve.

Site Vicinity

The site vicinity between 4th Street and 5th Street appears to be primarily residential development and vacant land.

5.2.2. 1906 Map

Mount Vernon Avenue Bridge

The Mount Vernon Avenue Bridge south approach is depicted in the 1906 Sanborn Map and appears generally similar to its current configuration.

Proposed Shoofly Track Area

The northern portion of the Shoofly Track area west of Mount Vernon Avenue is the only portion depicted in the 1906 Sanborn Map and appears to be mostly vacant land with a few residential structures.

Site Vicinity

The site vicinity north of the Shoofly Track area appears to be vacant land with some scattered residential structures. The site vicinity east and west of the Mount Vernon Avenue Bridge between 4th and 5th Streets appears to be primarily residential and vacant land.

5.2.3. 1950 through 1954 Maps

Mount Vernon Avenue Bridge

The Mount Vernon Avenue Bridge south approach is depicted in the 1950 to 1954 Sanborn Maps and appears generally similar to its current configuration.

Proposed Shoofly Track Area

The northern portion of the Shoofly Track area west of Mount Vernon Avenue is the only portion depicted in the 1950 to 1954 Sanborn Maps and consists of the ATSF yard including two 55,000-gallon AST used for holding fuel oil.

Site Vicinity

The site vicinity north of the Shoofly Track area and east of Mount Vernon Avenue appears to be occupied with maintenance yards for the railroad including a blacksmith shop, machine shop, boiler shop, fuel shop, a planing mill, and an area used to repair refrigerated train cars. A dry cleaner (1061 West 5th Street), an ATSF emergency hospital, auto parking lots and residential structures appear north of the maintenance yards. The site vicinity east of Mount Vernon Avenue and north of the Shoofly Track area appear to be residential and vacant land with a school at the western boundary of the site.

The site vicinity between 4th and 5th Streets appears to be primarily residential development.

Sanborn maps showed a service station, a dance hall, a hotel, residences, and stores west of Mount Vernon Avenue between 5th Street and Kingman Street. Vacant land, residences, restaurant and a store were shown west of Mount Vernon Avenue between Kingman Street and 4th Street.

5.2.4. 1956 and 1957 Maps

Sanborn maps dated 1956 and 1957 showed similar conditions as noted in the 1954 Sanborn map except that vacant land was shown west of Mount Vernon Avenue between Kingman Street and 4th Street and additional structures were added in the Atchison, Topeka and Santa Fe Railroad yard used for storage of bar iron.

5.2.5. 1958 Map

Sanborn map showed similar conditions to those noted in the 1957 Sanborn map except that two stores were shown west of Mount Vernon Avenue between Kingman Street and 4th Street.

5.2.6. 1959 through 1969 Maps

Sanborn maps between 1959 and 1969 showed similar conditions as noted in the 1958 Sanborn map.

5.3. City Directories

Ninyo & Moore reviewed select historical city directories for the years 1930 through 2008 at the Haines Criss-Cross Directory in Fullerton, and the Sherman Gardens Library in Corona Del Mar, California. Addresses reviewed ranged from 208 to 496 Mount Vernon Avenue with even numbered addresses located on the west side and odd numbers on the east side. City directory review was not completed for the proposed shoofly track area as this area is and has been within the BNSF (former ATSF) yard and does not have specific street addresses associated with this area. The results of the directory review for the site are summarized below.

Table 4 – Historical City Directory Listings

Year	Site Address Listings	Source
1936	208 Mount Vernon – R.J. Hogan Gas Station 210 Mount Vernon – G.A. Bryant 212 Mount Vernon – C.J. McCormack 224 Mount Vernon – C.E. Watson 232 Mount Vernon – C.E. Wall 424 Mount Vernon – Harold Drury 440 Mount Vernon – Harry Tossetti 460 Mount Vernon – Ramon Guisa 462 Mount Vernon – Joseph Ortega 481 Mount Vernon – S.P. Savio	Sherman Gardens
1942	208 Mount Vernon – R.J. Hogan Gas Station 224 Mount Vernon – Irene Johnson 232 Mount Vernon – C.E. Wall 440 Mount Vernon – Harry Tossetti	Sherman Gardens

Table 4 – Historical City Directory Listings

Year	Site Address Listings	Source
1949	208 Mount Vernon – R.J. Hogan Gas Station 224 Mount Vernon – Helen Johnson 232 Mount Vernon – Eulalia Espinoza 240 Mount Vernon – Jose Hernandez 440 Mount Vernon – Harry Tossetti 442 Mount Vernon – LC Kimmons 460 Mount Vernon – Franc Saucedo 462 Mount Vernon – EL Vasquez 472 Mount Vernon – El Patio Hotel 480 Mount Vernon – Aerohead Lodge	Haines Directory
1951	208 Mount Vernon – Viaduct Service Station 224 Mount Vernon – Yound Chas 232 Mount Vernon – EM Espinoza 248 Mount Vernon – McCormick CJ 460 Mount Vernon – Saucedo Groceries 462 Mount Vernon – Raibon Barber Shop 472 Mount Vernon – El Patio Hotel 478 Mount Vernon – Ted’s Place Restaurant 480 Mount Vernon – Elk’s Club	Haines Directory
1958	208 Mount Vernon – Viaduct Service Station 224 Mount Vernon – Roberta Helm 232 Mount Vernon – Margarita Espinoza 248 Mount Vernon – Katherine McCormick 462 Mount Vernon – Esther Montoya 472 Mount Vernon – El Patio Hotel 480 Mount Vernon – Elk’s Club	Haines Directory
1964	240 Mount Vernon – Demetrio Cordova 248 Mount Vernon – C.J. McCormack 460 Mount Vernon – Franc Saucedo 462 Mount Vernon – Pasquel Marquez 472 Mount Vernon – El Patio Hotel, A.G. Gonzales 480 Mount Vernon – Arrowhead Elk’s Lodge	Haines Directory
1968	208 Mount Vernon – Viaduct Service Station 240 Mount Vernon – Demetrio Cordova 248 Mount Vernon – Charles McCormick 359 Mount Vernon – Joe Cordova 436 Mount Vernon – El Paso Tortilla Factory/House of Tamales	Haines Directory
1975	224 Mount Vernon – Charlie Young 415 Mount Vernon – Linda Lievan 436 Mount Vernon – House of Tamales	Haines Directory (2004 ISA)

Table 4 – Historical City Directory Listings

Year	Site Address Listings	Source
1978	224 Mount Vernon – Charlie Young 240 Mount Vernon – Demetrio Cordova 248 Mount Vernon – Charles McCormack 415 Mount Vernon – Apartments 436 Mount Vernon – House of Tamales	Haines Directory
1983	248 Mount Vernon – Charles McCormack 415 Mount Vernon – Anne Campbell 436 Mount Vernon – House of Tamales 496 Mount Vernon – Ramon’s Hair Fashion	Haines Directory
1988	436 Mount Vernon – House of Tamales, Paniagua Roofing 496 Mount Vernon – Maggies Beauty Salon	Haines Directory
2003	224 Mount Vernon – Margarita Espinosa 232 Mount Vernon – Margarita Espinosa 248 Mount Vernon – Marin Reyna 436 Mount Vernon – Paniagua Roofing 472 Mount Vernon – El Patio Hotel, M. Desai 496 Mount Vernon – Maggies Beauty Salon	Haines Directory
2008	224 Mount Vernon – Cesar Navarro 232 Mount Vernon – Salvador Barrios 248 Mount Vernon – Nicolas Banuelos 472 Mount Vernon – El Patio Hotel 496 Mount Vernon – Maggies Beauty Salon	Haines Directory

Based upon review of the directories, adjacent properties appeared to have been utilized for residential, commercial, and restaurant purposes. In addition, a former gasoline station was indicated on the northwest corner of Mount Vernon Avenue and 2nd Street (208 Mount Vernon) in the 1936 through 1968 directories.

Ninyo & Moore also conducted a city directory search for historical addresses associated with the BNSF (former ATSF) property at 1170 West 3rd Street, 1500 West Rialto Avenue, and 1535 West 4th Street. Addresses were not listed in any of the city directories search with the exception of 1170 West 3rd Street. This address is listed in city directories ranging from 1951 through 1998 and is listed as “Santa Fe Railyard” in 1951, “AT & SF Lndry” in 1958, and as “Amtrack” from 1973 through 1998.

5.4. Historical Chain-of-Title Records

A historical chain-of-title report was not provided by the client for review by Ninyo & Moore for this ISA.

5.5. Building Permits

A building records review was not completed for either the Mount Vernon Avenue bridge or the proposed shoofly track area as there are no addresses associated with the site. Ninyo & Moore reviewed building records available for historical addresses associated with the BNSF and former ATSF properties at 470 North L Street, 1500 West Rialto, and 1535 West 4th Street. Permits were reviewed for period between 1970 and 2003 and were associated with operations at the BNSF yard. The records included permits for temporary power, the construction of sheds, and demolition of pre-1945 buildings.

5.6. Historical Topographic Maps

Ninyo & Moore reviewed historical USGS, 7.5-Minute Series San Bernardino South, California, Topographic Quadrangle Map, dated 1967 (photorevised in 1980). The ATSF (current BNSF) yard is depicted on the map with several buildings located north of the proposed shoofly track area and east of the Mount Vernon Avenue Bridge. The site vicinity appears as undeveloped land along Mount Vernon Avenue between 2nd Street on the south and 5th Street on the north with the exception of two buildings on the northeast corner of 2nd Street and Mount Vernon Avenue.

5.7. Previous Report and Documents

A previous ISA prepared by Ninyo & Moore, and dated August 2004 was reviewed. The 2004 ISA findings described a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF yard and that the plume is migrating southeast towards the eastern portion of the proposed shoofly track area. The reports states that TPH and metals impacted soil beneath the Mount Vernon Avenue Bridge was excavated and/or

remediated in place and that regulatory closure was granted by the RWQCB on March 3, 2004.

Additionally the report states that two gasoline stations appear to have been located within the immediate vicinity of the Mount Vernon Avenue Bridge, on the northeast corner of 5th Street and Mount Vernon Avenue and on the northwest corner of 2nd Street and Mount Vernon Avenue. Information on the regulatory status of the gasoline stations was not included.

In the 2004 ISA report, Ninyo & Moore reviewed an ISA prepared by Parson Brinckerhoff Quade & Douglas, Inc. (Parsons). The text of the Parsons report concluded that “potential contaminant sources have been identified that may result in adverse impacts associated with the proposed project.” However the text did not specify what those sources were.

In the ISA Checklist completed by Parsons, Parsons recommended that “investigations of the rail yard should be completed to detect any contamination due to rail operations.” The Parsons report provided no specific information regarding hazardous materials releases at the BNSF yard.

6. ENVIRONMENTAL DATABASE REPORT REVIEW

FirstSearch Technology Corporation (FirstSearch) performed an Environmental FirstSearch computerized environmental information database search on July 10, 2009 (Appendix C). The FirstSearch report included federal, state, and local databases. A summary of the environmental databases searched, their corresponding search distance, and number of noted sites of environmental concern are presented in the following table.

Table 5 – Summary of Environmental Database Search

Database Name	Date Last Updated by FirstSearch	Agency	Search Distance (mile)	Sites
Federal Records				
NPL	06/12/09	EPA	1.0	0
Delisted NPL	06/12/09	EPA	0.50	0
CERCLIS	05/27/09	EPA	0.50	0
CERCLIS/NFRAP	05/27/09	EPA	0.50	0
RCRA CORRACTS	05/13/09	EPA	1.0	0
RCRA TSD Sites	06/13/09	EPA	0.50	0
RCRA GNRTR	05/13/09	EPA	0.25	6
ERNS List	06/16/09	EPA	0.12	1
United States EC/IC	07/12/09	EPA	0.25	0
State and Local Records				
State Sites	01/16/09	DTSC	1.0	7
State Spills 90	05/22/09	CA SWRCB	0.12	1
State SWL	04/27/09	CA IWMD	0.50	6
LUST Lists	04/28/09	CA SWRCB	0.50	21
Registered UST List/ Permitted AST list	05/13/09	CA SWRCB	0.25	28
State EC	NA	Cal-EPA	0.25	0
State IC	05/13/09	Cal-EPA	0.25	0
VCP	01/16/09	DTSC	0.50	0
Brownfields	08/08/07	Cal-EPA	0.50	0
Other	05/05/09	Cal-EPA	0.25	0
Tribal Records				
Indian Reservation	12/01/05	USGS	1.0	0
Indian LUST	2007	EPA	0.50	0
Indian UST	2007	EPA	0.25	0
Notes: AST – Aboveground Storage Tank Cal-EPA – California Environmental Protection Agency CA IWMD – California Integrated Waste Management Department CA SWRCB – California State Water Resources Control Board CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System List CORRACTS – Corrective Action Sites List DTSC – Department of Toxic Substances Control EC – Engineering Controls EPA – United States Environmental Protection Agency ERNS – Emergency Response Notification System GNRTR – Generators List IC – Institutional Controls LUST – Leaking Underground Storage Tank NFRAP – No Further Remedial Action Planned NPL – National Priority List RCRA – Resource Conservation and Recovery Act SWL – Solid Waste/Landfills TSD – Treatment, Storage, and Disposal USGS – United States Geological Survey UST – Underground Storage Tank VCP – Voluntary Remediation Program Sites				

The following paragraphs describe the databases that contain noted properties of environmental concern, and include a discussion of the regulatory status of the facilities and potential environmental impact to the subject site. Based on our review of the GeoTracker website operated by the Regional Water Quality Control Board (RWQCB) and hydrologic information contained on that website, discussed in Section 4.3 of this report, regional groundwater flow in the site vicinity is generally to the southeast with shallow perched groundwater reported to the east-northeast.

6.1. National Priorities List (NPL): Distance Searched – 1 mile

The NPL is the United States Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste properties listed for priority remedial actions under the Superfund program.

Neither the site nor properties located within the searched distance are listed on this database.

6.2. Proposed and Delisted National Priorities List (NPL): Distance Searched – ½ mile

The Proposed NPL database lists properties that are currently being evaluated for priority remedial actions for the Superfund program. The Delisted NPL database includes properties that are deleted from the NPL database based upon the National Oil and Hazardous Substances Pollution Contingency Plan. This deletion takes place after no further response to the NPL is appropriate.

Neither the site nor properties located within the searched distance are listed on this database.

6.3. Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List: Distance Searched – ½ mile

The CERCLIS database contains properties which are either proposed or on the NPL and properties which are in the screening and assessment phase for possible inclusion on the NPL.

Neither the site nor properties located within the searched distance are listed on this database.

6.4. CERCLIS/No Further Remedial Action Planned (NFRAP) List: Distance Searched – ½ mile

CERCLIS sites designated as NFRAP have been removed from the CERCLIS database following an initial investigation where no contamination was found, contamination was removed quickly without the 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.

Neither the site nor properties located within the searched distance are listed on this database.

6.5. Corrective Action Report (CORRACTS): Distance Searched – 1 mile

The EPA maintains this database of Resource Conservation and Recovery Act (RCRA) facilities that are undergoing corrective action. A corrective action order is issued when a release of hazardous waste or constituents into the environment from a RCRA facility has occurred.

Neither the site nor properties located within the searched distance are listed on this database.

6.6. Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities List: Distance Searched – ½ mile

The RCRA TSD database is a compilation by the EPA of facilities that report generation, storage, transportation, treatment, or disposal of hazardous waste.

Neither the site nor properties located within the searched distance are listed on this database.

6.7. Resource Conservation and Recovery Act (RCRA) Generators List: Distance Searched – ¼ mile

This list identifies facilities that generate hazardous waste as defined by RCRA. Inclusion on this list is for permitting purposes and is not indicative of a release.

The site is not listed on this database. The following six off-site facilities located within the searched distance are listed as RCRA-hazardous waste generators:

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (General for Vicinity Flow)	Regulatory Status	Violations (Y/N)	Environmental Concern Based on This Listing (Y/N)
All American & Import Auto 1075 West 5 th Street	0.15 mile Northeast	Downgradient	SGN	N	N
Bell Cleaners 631 North Mount Vernon	0.17 mile North	Crossgradient	SGN	N	N
Hoak Bros. Plating 939 West 2 nd Street	0.18 mile Southwest	Upgradient	SGN	N	N
JB Hunt 1680 Santa Fe Way	0.23 mile Southwest	Upgradient	SGN	N	N
Fairview Ford 292 North G Street	0.23 mile Southeast	Crossgradient	SGN	N	N
Aeroback Medical Group 740 West 4 th Street	0.23 mile Northeast	Downgradient	SGN	N	N
Notes: SGN – Small Quantity Generator (generates between 100 kilograms [kg] to 1,000 kg of hazardous waste per month) LGN – Large Quantity Generator (generates more than 1,000 kg of hazardous waste per month) VGN – Conditionally Exempt Generator LAUSD – Los Angeles Unified School District					

Violations were not reported for any of the above-reference facilities; therefore, it is unlikely that waste generation has impacted the environmental integrity of the site.

6.8. Emergency Response Notification System (ERNS) List: Distance Searched – Site and Adjacent

The ERNS database contains information of reported releases of oil and hazardous substances and is maintained by the EPA.

The site was not listed on this database. One facility was listed on this database; the BNSF Rail Yard at 1535 West 4th Street, located adjacent to the site. The database reports a leaking transportation trailer on a BNSF rail car occurred on July 28, 2007. The material spilled was approximately three gallons of “isocyanate solutions”. The incident was reported to the San Bernardino County Hazardous Materials Unit and the spill was cleaned up by their contractor Ocean Blue. The database indicates that the material spilled did not reach water.

Based on information contained in the database, which included that the spill was cleaned up and that material did not reach groundwater, it is unlikely that this incident has impacted the environmental integrity of the site.

6.9. United States Engineering Controls: Distance Searched – ½ mile

This database is an EPA listing of sites with engineering controls in place, such as various forms of caps, building foundations, liners, and treatment methods intended to eliminate pathways for regulated substances to enter environmental media or affect human health.

Neither the site nor properties located within the searched distance are listed on this database.

6.10. United States Institutional Controls: Distance Searched – ½ mile

This database is an EPA listing of sites with institutional controls in place, such as administrative measures, groundwater use restrictions, construction restrictions, property use

restrictions, and post remediation care requirements, intended to prevent exposure to contaminants remaining on site.

Neither the site nor properties located within the searched distance are listed on this database.

6.11. State Sites: Distance Searched – 1 mile

The State Sites database consists of potential or confirmed hazardous substance release properties.

The site is not listed on this database. The following seven facilities located within the searched distance are listed as State Sites:

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (General for Vicinity Flow)	Regulatory Status	Closure Date (if applicable)	Environmental Concern (Y/N)
La Placita 2 (Proposed Development) 1169 West 2 nd Street	0.19 mile Southwest	Upgradient	Evaluation ACTIVE	Not Applicable	N
Southwest Metal Co. 740 Congress Street	0.53 mile Southeast	Crossgradient	Property/Site Referred	Not Applicable	N
Signal Hill Oil Co 173 S. G Street	0.53 mile Southeast	Crossgradient	No Further Action	7/03/00	N
Inland Behavioral & Health Services 665 & 671 North D Street	0.77 mile Northeast	Downgradient	No Action	7/18/05	N
Quality Plating Inc. 456 South I Street	0.85 mile Southeast	Crossgradient	Property/Site Referred	Not Applicable	N
Hanford Foundry 119 South Arrowhead Ave	0.87 mile Southeast	Crossgradient	Voluntary Cleanup Program	Not Applicable	N
Railroad Storage Yard 570 West Mill Street	0.97 mile Southeast	Crossgradient	No Further Action	07/03/00	N
Notes: NFRAP – No Further Remedial Action Planned					

The La Placita 2 proposed redevelopment at 1169 West 2nd Street is approximately ¼ mile southwest and upgradient of the site. The contaminants of concern are listed as tetrachloroethylene (PCE), trichloroethylene (TCE), and total petroleum hydrocarbons (TPH). The media affected is listed as other, soil, and soil vapor. Because groundwater does not appear to be impacted and the contamination is primarily in the soil there is a low likelihood that activities at this site have impacted the environmental integrity of the site.

Based on the distances, regulatory status, and the direction of groundwater flow in the vicinity of the site, it is unlikely that activities at the six other facilities have impacted the environmental integrity of the site.

6.12. State Spills 90: Distance Searched – 0.12 mile

The State Spills 90 program is designed to protect and restore water quality from spills leaks and similar discharges.

The site is not listed on this database. One off-site facility, ATSF at 1170 West 3rd Street located southwest and adjacent to the site was listed on the database. The site ID is T0607100141 and status is listed as “open-site assessment”. The contaminant of concern is listed as “solvents” and media affected is listed as “aquifer used for drinking water supply.” Additional information was requested from the Santa Ana Regional Water Quality Control Board (SARWQCB) and further discussed in Section 7.1.

6.13. Solid Waste Landfill Sites (SWL): Distance Searched – ½ mile

The SWL database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the Integrated Waste Management Department’s (IWMD’s) Solid Waste Information System (SWIS) database.

The site was not listed on the database. The following six properties located within the searched distance are listed on this database:

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (general vicinity flow)	Status	Environmental Concern Based on This Listing (Y/N)
GW Investigation (BNSF) 1260 West 3 rd Street	0.07 mile Adjacent	Crossgradient	Active	Y
West 5 th Street Waste Tire Site 1545 West 5 th Street	0.11 mile Northwest	Crossgradient	Abandoned	N
G and M General Mechanic 647 North Mount Vernon Ave	0.15 mile North	Crossgradient	Active	N
Colima Tire 1098 West 5 th Street	0.16 mile Northeast	Downgradient	Active	N
Koritas Tire's 1632 West 5 th Street	0.16 mile Northwest	Crossgradient	To Be Determined	N
Viking Auto Center 747 West Rialto Boulevard	0.38 mile Southeast	Downgradient	To Be Determined	N

Groundwater Investigation at 1260 West 3rd Street is listed on this database with the primary waste type of “contaminated water.” Additionally the listing indicates that the waste generated from this facility is a result of an active clean-up and abatement order dated July 8, 1988. Based on the close proximity to the existing groundwater contamination investigation associated with 1170 West 3rd Street, it is likely that both investigations are related. Additional information was requested from the Santa Ana Regional Water Quality Control Board (SARWQCB) and further discussed in Section 7.1

The remaining five properties on this database are all listed as waste tire locations. Based on the type of waste accepted and the distance from the site, it is unlikely that these properties have impacted the environmental integrity of the site.

6.14. State Leaking Underground Storage Tank (LUST) Lists: Distance Searched – ½ mile

Databases of the LUST information system are maintained by the California State Regional Water Quality Control Boards (SRWQCBs).

The site is not listed on this database. The following 21 facilities located within the searched distance are listed on the LUST database:

Facility, Address, Facility ID Number	Distance/ Direction from Site	Groundwater Gradient (general vicinity flow)	Case Number	Regulatory Status	Closure Date (if applica- ble)	Environ- mental Concern (Y/N)
Atchison, Topeka and Santa Fe Rail Yard 1170 West 3 rd Street	0.06 mile Southwest	Upgradient	T0607100141	Pollution Char- acterization	N/A	Y
Allen Property 895 West 2 nd Street	0.18 mile Southeast	Crossgradient	T0607199300	Site Assessment	N/A	N
			2001007A	No Action	6/4/01	N
			2001007B	No Action	2/23/01	N
Conoco (Kayo Oil/Econo) 1169 West 2nd Street	0.19 mile Southeast	Crossgradient	T0607100016	Completed Case Closed	11/07/96	N
Merit Oil Company 1405 West Rialto Avenue	0.21 mile Southwest	Upgradient	T0607100534	Completed Case Closed	08/30/99	N
Omnitrans 1700 West 5th Street	0.22 mile Northwest	Crossgradient	T0607100269	Completed Case Closed	07/13/94	N
Inco Service Station 796 West 5th Street	0.23 miles Northeast	Downgradient	T0607100231	Open Remedia- tion	N/A	N
Texaco Service Sta- tion 797 West 2nd Street	0.25 mile Southeast	Crossgradient	T0607100274	Completed Case Closed	05/11/94	N
Firestone Store (BFS 180513) 677 West 4th Street	0.27 mile Northeast	Downgradient	T0607129188	Completed Case Closed	03/20/08	N
Joeys Body Shop 916 6th Street	0.29 mile Northeast	Downgradient	T0607100146	Completed Case Closed	09/07/89	N
Arco 6227 702 West 2nd Street	0.32 mile Southeast	Downgradient	T0607100158	Completed Case Closed	09/26/07	N
Chevron 598 North H Street	0.32 miles Northeast	Downgradient	T0607100292	Completed Case Closed	02/07/94	N
Viking Tire 747 West Rialto Ave	0.38 mile Southeast	Downgradient	T0607100148	Completed Case Closed	05/31/89	N
Five Star Liquor and Market 306 Mount Vernon Avenue	0.44 mile Southwest	Upgradient	T0607100537	Completed Case Closed	08/22/06	N
Unocal 6968 187 North F Street	0.46 mile Southeast	Downgradient	T0607100034	Completed Case Closed	06/25/97	N
G and M Oil SS 67 187 North F Street	0.46 mile Southeast	Downgradient	T0607100599	Completed Case Closed	02/08/05	N
Smooth Move 207 Walkinshaw Street	0.48 mile Southeast	Downgradient	T0607100608	Completed Case Closed	06/06/00	N
Fourth Street Rock Crusher 1945 W. 4th Street	0.48 mile Northwest	Crossgradient	T0607170228	Completed Case Closed	10/29/02	N
Alta Dena Dairy 341 South Mount Vernon Avenue	0.49 mile Southeast	Downgradient	T0607100005	Completed Case Closed	05/01/98	N
Southern California Gas Co. 155 South G Street	0.50 mile Southeast	Downgradient	T0607100214	Completed Case Closed	03/30/94	N

The ATSF yard at 1170 3rd Street, is located southwest, adjacent and upgradient to the site. The facility is listed on this database with a regulatory status of “pollution characterization”. The RWQCB was contacted for further information regarding this facility and is further discussed in Section 7.1.

The Allen Property at 895 2nd Street, is located within 0.18 mile southeast and crossgradient to the site. The facility is listed on this database with a regulatory status of “Open-site assessment”. The potential contaminant of concern is gasoline and media affected is listed as soil. Based on distance and type of media affected it is unlikely that the LUST incident at this facility has impacted the environmental integrity of the site.

The Inco Service Station at 796 West 5th Street, is located approximately 0.23 mile northeast and downgradient from the site. The facility is listed on this database with a regulatory status of “Open-Remediation”. The potential contaminant of concern is gasoline and media affected is listed as soil. Based on the distance of the facility from the site, the direction of groundwater and the media affected it is unlikely that the LUST incident at this facility has impacted the environment integrity of the site.

The remaining 18 facilities have a regulatory status of “completed/case closed” from the RWQCB. Based on the distances of the 18 facilities from the site, the direction of groundwater flow in the vicinity of the site, their current regulatory status, and/or the media affected, it is unlikely that the LUST incidents at these facilities have impacted the environmental integrity of the site.

6.15. Underground Storage Tank (UST) Registration List: Distance Searched – ¼ mile

UST records are provided by the Department of Building and Fire Safety. Inclusion of facilities on this list does not necessarily indicate a release.

The site is not listed on this database. The UST database lists 28 facilities located within the searched distance. The following nine facilities listed on this database are also included in

the LUST database: Service Station at 895 2nd Street, Allen Michael and Brenda at 895 West 2nd Street, Nanak Petro at 1169 2nd Street, Amendt Oil Company at 1405 Rialto Avenue, Merit Oil Company at 1405 West Rialto Avenue, Omnitrans at 1700 West 5th Street, Inco at 796 West 5th, and Exxon Service Station at 797 2nd Street. Based on the analyses completed for the LUST sites, it is unlikely that these facilities have impacted the environmental integrity of the site.

6.16. Permitted Aboveground Storage Tank (AST) List: Distance Searched – ¼ mile

AST records are provided by the Department of Building and Fire Safety. Inclusion of facilities on this list does not necessarily indicate a release.

Neither the site nor properties located within the searched distance are listed on this database.

6.17. State Engineering Controls: Distance Searched – ¼ mile

This is a California Environmental Protection Agency (Cal-EPA) listing of facilities with engineering controls in place, such as various forms of caps, building foundations, liners, and treatment methods intended to eliminate pathways for regulated substances to enter environmental media or affect human health.

Neither the site nor properties located within the searched distance are listed on this database.

6.18. State Institutional Controls: Distance Searched – ¼ mile

This is a Cal-EPA listing of facilities with institutional controls in place, such as administrative measures, groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements, intended on preventing exposure to contaminants remaining on site.

Neither the site nor properties located within the searched distance are listed on this database.

6.19. Voluntary Remediation Program (VCP) Sites: Distance Searched – ½ mile

This is a Cal-EPA listing of facilities involved in the voluntary remediation program.

Neither the site nor properties located within the searched distance are listed on this database.

6.20. Brownfields: Distance Searched – ½ mile

This is a Department of Toxic Substances Control (DTSC) tracking system of California Brownfields sites.

Neither the site nor properties located within the searched distance are listed on this database.

6.21. State Other: Distance Searched – ½ mile

This is a DTSC database of facilities with known contamination or uncharacterized properties where further studies may reveal problems.

Neither the site nor properties located within the searched distance are listed on this database.

6.22. Indian Reservation: Distance Searched – 1 mile

USGS map layer portrays Indian administered land within the United States with an area equal to or greater than 640 acres.

Indian reservation land was not found to be within the searched distance.

6.23. Indian Leaking Underground Storage Tank (LUST): Distance Searched – ½ mile

This is a database maintained by the EPA of LUSTs on Indian land in Arizona, California, New Mexico, and Nevada.

Neither the site nor properties located within the searched distance are listed on this database.

6.24. Indian Underground Storage Tank (UST): Distance Searched – ¼ mile

This is a database maintained by the EPA of USTs on Indian land.

Neither the site nor properties located within the searched distance are listed on this database.

7. ENVIRONMENTAL REGULATORY AGENCY INQUIRIES

Based on the site reconnaissance, historical research, and environmental database review, information regarding the site and relevant surrounding properties was requested from local government agencies and, if available, reviewed by Ninyo & Moore. Because street addresses have not been assigned to the Mount Vernon Avenue Bridge and the proposed shoofly track area, Ninyo & Moore made request to local agencies using historical addresses associated with activities at the current BNSF and former ATSF yards. Addresses for records request included: 1170 West 3rd Street, 1535 West 4th Street, 470 North L Street, and 1500 West Rialto Avenue, in the City of San Bernardino. Copies of agency information are presented in Appendix D.

7.1. Regional Water Quality Control Board (RWQCB)

Ninyo & Moore made requests to the Spills, Leaks, Investigation, and Cleanup (SLIC), Well Investigation Program (WIP), and UST units of the RWQCB to review records that may be available for the historical BNSF/ATSF addresses. The RWQCB indicated that it had records available for addresses associated with the BNSF/ATSF yard that include portions of the proposed shoofly track area or adjacent thereto.

470 North L Street and 1170 West 3rd Street

A copy was reviewed of the Cleanup and Abatement Order No. (CAO) 88-80 Issued to ATSF by the RWQCB on July 12, 1988 in response to fuel oil being discovered by City of San Bernardino Water Department staff in an onsite monitoring well in June of 1984. During follow-up inspections by the RWQCB, their staff noted that various solvents used at the facility were improperly handled, stored and disposed of by ATSF employees. Testing of on and off-site monitoring wells showed trichloroethylene (TCE) and tetrachloroethylene (PCE) in the onsite wells, whereas off-site wells did not show any of the contaminants. In 1984 wastewater being discharged from the ATSF (currently BNSF) property was tested and found to have detectable VOC concentrations. As a result of ATSF's slow response to RWQCB's requests to abate the effects resulting from improper handling and disposing of solvents on the site, the CAO was issued. Among other items required by the CAO, deadlines were set for ATSF to submit a workplan for installing additional wells and continued monitoring, preparing a sampling and analysis plan to characterize groundwater, and submit a workplan (and ultimately implement the workplan) to install a soil-vapor extraction system (SVE).

Correspondence was reviewed between ATSF and RWQCB regarding possible VOC contamination migrating from ATSF property (currently BNSF) to an offsite property (Econo Station) located southeast of the ATSF (current BNSF) property. In April 1988, a work plan was prepared by ERM for ATSF for monitoring well installation and to determine if VOC contamination is migrating from the ATSF (currently BNSF) property to adjacent properties. A letter dated June 10, 1988 from ERM to ATSF stated that it is unlikely that offsite VOC contamination is coming from the ATSF (BNSF) property.

Records referring to soil in the vicinity of the Mount Vernon Avenue Bridge impacted with "long-chain hydrocarbons" and lead were found in the files. Records indicate that areas of soil beneath the northern end of the bridge were excavated to a maximum depth of 60 feet below grade between May and July 1994 and to depths ranging from 16 to 25 feet below surface between October 1994 to February 1995. On February 17, 1995 the SARWQCB au-

thorized the backfill of excavations after confirmation sample results were reviewed. These activities were conducted in partial fulfillment of the 1988 CAO.

Workplans, industrial wastewater discharge permit applications, National Pollutant Discharge Elimination System (NPDES) applications and correspondence related to the installation of a Vapor Extraction/Vapor Treatment System (VES/VTs) on the northeastern portion of the BNSF property (diesel shops area) between June 1995 and February 2006 were reviewed in the file. The VES/VTs was installed to remediate halogenated VOCs (HVOCs), primarily PCE and TCE. Included in the documents were cover letters of monthly monitoring results and status reports of VES/VTs operations. The complete reports were not available and only limited figures of the extent of contamination were available for review. A no further action (NFA) determination by the RWQCB was issued on February 21, 2006 for the soil and groundwater at the site; however, based on a telephone interview on July 29, 2009 with Mr. Maneck Chichgar from the RWQCB, a groundwater investigation is still ongoing and further groundwater remediation may be required dependent on the result of the investigation. The RWQCB issued a closure letter for the VES/VTs system at the site on September 9, 2008. According to Mr. Mark Schuster, Safety Manager for BNSF Railway, decommissioning of the VES/VTs system is currently ongoing.

Based on the remediation activities that have been completed and current regulatory status (NFA) of the site, it is unlikely that the activities described in the files reviewed continue to impact the environmental integrity of the site with the exception of the on-going groundwater investigation.

1450 and 1500 W. Rialto Avenue

Documents from November 1998 through May 2003 detailing six areas impacted with lead and petroleum hydrocarbons on the western portion of the BNSF property, west of the Mount Vernon Avenue Bridge were reviewed. Confirmation sample results were submitted to the RWQCB, as well as authorizations from the RWQCB to backfill excavations. Con-

tamination was discovered in October 1998 during subsurface investigations of three former gasoline USTs. A final NFA letter was issued by the RWQCB on May 12, 2003.

Based on the excavation activities and current regulatory status of NFA, it is unlikely that this incident continues to impact the environmental integrity of the site.

7.2. California Department of Toxic Substances Control

Ninyo & Moore made a request to the California Department of Toxic Substances Control – Cypress Office (DTSC) to review records that may be available for the historical BNSF/ATSF addresses. The DTSC indicated that it has no records pertaining to the historical BNSF/ATSF addresses requested.

7.3. South Coast Air Quality Management District

South Coast Air Quality Management District (SCAQMD) cannot search for record on sites without an address. Ninyo & Moore made a request to the SCAQMD to review records that may be available for historical addresses associated with activities at the BNSF/ATSF property. Addresses requested for records include: 1535 West 4th Street, 470 North L Street, 1500 West Rialto Avenue, and 1170 West 3rd Street. The SCAQMD had records available for 1535 West 4th Street that included several applications for permits to construct/operate an underground vapor extraction and treatment system and associated certified equipment permits. The permits to construct/operate did not have a date issued or an expiration date. The certified equipment permits were issued December 31, 2005 and expire December 31, 2010.

A permit request by ATSF for new construction of gasoline and diesel fuel ASTs was on file dated July 20, 1994.

The SCAQMD did not have any notice of violation records for the historical addresses requested.

7.4. San Bernardino County Fire Department

Ninyo & Moore made a request to the San Bernardino County Department Fire Department (SBCFD) for Certified Hazardous Materials Records for historical BNSF/ATSF addresses that include portions of the proposed shoofly track area or adjacent. The following records were on file with the SBCFD:

1535 West 4th Street

Permits issued to BNSF and its contractors include: Hazardous Materials Handler (HMH), Hazardous Waste Generator (HWG), Universal Waste Handler (UWH), and Aboveground Petroleum Storage (APSA) permits. The site has an inactive UST permit and applications to remove two USTs on November 1995 and May 1996. Records of five hazardous materials incidents were on file from June 1998 through July 2007. Based on the information provided by SBCFD it is unlikely that these incidents have impacted the environmental integrity of the site.

1170 West 3rd Street

There are no active permits on file with the SBCFD for this facility. One permit was filed and issued to BNSF for the removal of a UST in August 1992. The facility is listed on the SBCFDs site remediation list as “referred to Calif. Regional Water Board – On-going”

470 North L Street

There are no active permits on file with the SBCFD for this facility. The following inactive permits are on file with the SBCFD for this facility: HMH, HWG, and UST permits. This facility has nine permits to remove a total of 29 USTs from this property between August 1988 and May 1995. The facility is listed on the SBCFDs site remediation list and has a closure letter dated September 9, 2008. The facility address is noted as changing to 1500 West Ri-alto; no date is listed.

1500 West Rialto Avenue

The following active permits issued to “YRC” terminal are on file with the SBCFD: HMH permit, HWG permit, tiered permit, “APSA” permit, and UST permit. A permit to install two USTs was issued in December, 2000. Three hazardous material incidents are on file for this facility dating from August 1996 through December, 2003. Based on the information provided by SBCFD it is unlikely that these incidents have impacted the environmental integrity at the site.

8. SITE RECONNAISSANCE

On July 30, 2009, Mr. Javier Perez of Ninyo & Moore conducted the site reconnaissance. The reconnaissance involved visual inspection of the site and visual observations of adjoining properties. Photographs taken during the site reconnaissance are included in Appendix A.

8.1. Use and Storage of Hazardous Substances and Petroleum Products

Mount Vernon Avenue Bridge

Use and storage of hazardous substances and petroleum products were not observed along the Mount Vernon Avenue Bridge portion of the site.

Proposed Shoofly Track Area

Use and storage of hazardous substances and petroleum products were not observed along the proposed shoofly track area.

Evidence of petroleum products was observed north of the proposed shoofly track area within BNSF property. Petroleum products observed included a 6,000-gallon diesel AST, a 2,000-gallon gasoline AST, two 240-gallon diesel ASTs, two 240-gallon unleaded fuel ASTs, seventeen 55-gallon drums of used filters and motor oil on secondary containment, two 240-gallon ASTs with motor oil, one 240-gallon AST with used motor oil, and a small storage shed containing four 55-gallon drums of clean and used motor oil. Fuel and petroleum prod-

ucts observed are reportedly used for maintenance of cranes and hostler vehicles. Surface staining was observed around the stored petroleum products.

Evidence of hazardous waste storage and disposal was observed north of the proposed shoofly track area within BNSF property. Hazardous waste materials observed included a 240-gallon AST containing used motor oil and several 55-gallon drums containing used motor oil as described above.

No other evidence of petroleum products or hazardous substances was observed during the site reconnaissance.

8.2. Unidentified Substance Containers

Unidentified substance containers were not observed during the site reconnaissance.

8.3. Evidence of Releases

Evidence of releases (e.g., odors, staining, stressed vegetation, pools of liquids, and spills) was not observed on the site. Surface staining was observed in the fueling and storage area on BNSF property north of the proposed shoofly track area and west of the Mount Vernon Avenue Bridge.

8.4. Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs)

Evidence of USTs (e.g., fill pipes, vent pipes, and emergency power generators) was not observed on the site.

Ten ASTs were observed on BNSF property north of the proposed shoofly track area and west of the Mount Vernon Avenue Bridge. ASTs observed included a 6,000-gallon diesel tank, a 2,000-gallon gasoline tank, two 240-gallon diesel tanks, two 240-gallon unleaded fuel tanks, two 240-gallon tanks with motor oil, one 240-gallon tank with used motor oil, and one oil recovery AST.

8.5. Polychlorinated Biphenyls

Historically, PCBs (a group of hazardous substances and suspected human carcinogens) were widely used as an additive in cooling oils for electrical components. Typical sources of PCBs can include fluorescent light ballasts and electrical transformers.

Transformers were not observed on the Mount Vernon Avenue Bridge or within the proposed shoofly track area.

8.6. Wastewater Systems

No floor drains, or in-ground wastewater systems were observed on the site. However, a wastewater/oil-and-water separator system was observed on BNSF property north of the proposed shoofly track area and west of the Mount Vernon Avenue Bridge. The wastewater/oil-and-water separator system consists of a below grade oil/water separator and an oil recovery AST. Wash water from both the wash pads drain into the below grade oil/water separator. The recovered oil is pumped back to an oil recovery AST.

8.7. Stormwater Systems

No stormwater systems were observed within or adjacent to the boundaries of the site.

8.8. Wells

Wells, such as water supply wells and groundwater monitoring wells, were not observed during the site reconnaissance.

8.9. Surface/Subsurface Structures

No surface structures or evidence of subsurface structures (e.g., sumps, vaults, oil/water separators, and other surface impoundments) were observed on the site.

A concrete-lined hazardous materials pit was observed north of the proposed shoofly track area and east of the Mount Vernon Avenue Bridge within BNSF property. According to Mr. Rondale Glenn, Senior Manager of Hub Operations for BNSF, the pit is used for emergen-

cies resulting from leaking trucks or containers brought into the facility. Any material collected in the hazardous material pit is pumped out by appropriate hazardous waste handlers.

8.10. On-Site Records

On site records were not available for the Mount Vernon Avenue Bridge or the proposed shoofly track area.

8.11. Controlled Substances Production

No evidence of controlled substance production, such as methamphetamine laboratories, was noted within or adjacent to the boundaries of the site.

8.12. Other Environmental Issues

No other environmental issues were noted on the site during our reconnaissance.

9. INTERVIEW

Ninyo & Moore interviewed Mr. Rondale Glenn, Senior Manager of Hub Operations and Mr. Mark Schuster, Safety Manager for BNSF railway. Both Mr. Glenn and Mr. Schuster acknowledge that remediation activities had taken place at the BNSF property for several years. Mr. Schuster stated that the building housing the remediation system was in the process of being demolished. Neither Mr. Glenn or Mr. Schuster had any knowledge of the current groundwater investigation other than they knew that additional environmental work was ongoing.

Ninyo & Moore interviewed Ms. August Lucas of the RWQCB regarding files associated with 1170 West 3rd Street. Ms. Lucas indicated that the files reviewed for 470 North L Street are the same files they have listed for the 1170 West 3rd Street site.

Ninyo & Moore interviewed Mr. Maneck Chichgar, Project Manager for the RWQCB overseeing the ongoing groundwater remediation at the BNSF property. Mr. Chichgar confirmed that a “No Further Action” was issued for soil contamination at the BNSF property. However, a groundwa-

ter investigation is still ongoing. Groundwater in the area has dropped from 12 feet below grade around the time the case was opened in 1988 to over 300 feet below grade in 2009. The RWQCB did not comment on what action, if any, will be taken until the groundwater investigation is completed. Mr. Chichgar stated that he had no recent information regarding the groundwater contamination plume other than what would be in the files reviewed at the RWQCB. The most recent figure detailing the extent of the groundwater contamination plume found in the records reviewed at the RWQCB for 470 North L Street/1170 West 3rd Street was dated October 1996; the extent of the groundwater contamination plume is shown in Figure 3.

10. FINDINGS, OPINIONS, AND CONCLUSIONS

Based upon the results of the ISA, the following presents a summary of findings, opinions, and conclusions associated with this ISA performed for the site, including known or suspect RECs, historical RECs and de minimis environmental conditions (i.e., conditions that generally do not present a material risk of harm to public health or the environment).

Mount Vernon Avenue Bridge

- The bridge (Figure 2) is situated above an active BNSF Railway (former ATSF) yard since its construction in approximately 1934.
- Soil underlying the bridge within BNSF property has been impacted with petroleum hydrocarbons and metals from historical railway operations. Impacted soil underlying portions of the northern end of the bridge was excavated. Regulatory closure for impacted soil was granted on May 2003.
- Residual herbicides suspected to be used along the railroad tracks may be present in soil beneath the bridge.
- The bridge is approximately 1,000 feet west of a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF/ATSF property. The extent of the groundwater contamination is currently under investigation under the oversight of the RWQCB.
- Two former gasoline stations appear to have been located within the immediate vicinity of the bridge: one on the northwest corner of 5th Street and Mount Vernon Avenue and the other on the northwest corner of 2nd Street and Mount Vernon Avenue.

Proposed Shoofly Track Area

- The proposed shoofly track area (Figure 3) is located within the northern portion of the BNSF (former ATSF) yard. This portion of the site extends through most of the yard from the approximate western end of the yard to the intersection of 5th Street and I Street (northeastern corner of the yard).
- The proposed shoofly track area west of the bridge contained railroad tracks leading into the train roundhouse since the railroad yard was developed in the early 1900s.
- The proposed shoofly area east of the bridge was occupied by a roundhouse and diesel and car shops (maintenance) extended onto the proposed shoofly track area east of Mount Vernon Avenue. The roundhouse and the diesel and car shops were removed in the early 1990s.
- A VES/VTs was installed to remediate solvent contaminated soil in the immediate vicinity of the former diesel shops in the proposed shoofly track area on BNSF property. A NFA was issued for solvent contaminated soil by the RWQCB and a closure letter was issued for the BNSF property on September 9, 2008. The groundwater and extent of contamination is currently under investigation under the oversight of the RWQCB.
- A fueling area, wash pad and an oil/water separator system are adjacent and north of the proposed shoofly track area and west of the bridge. The fueling area contains a 6,000-gallon diesel AST, a 2,000-gallon gasoline AST, two 240-gallon diesel ASTs, two 240-gallon unleaded fuel ASTs, Seventeen 55-gallon drums of used filters and motor oil, two 240-gallon ASTs with motor oil and one 240 gallon AST with used motor oil, and a small shed with four 55 gallon drums containing new and used motor oil. Surface staining was observed around the stored petroleum products.
- The wastewater/oil-and-water separator system located on BNSF property north of the proposed shoofly area and west of the Mount Vernon Avenue Bridge consists of a below grade oil/water separator and an oil recovery AST. Wash water from the wash pads drains into the below grade oil/water separator. The recovered oil is pumped back to an oil recovery AST.
- Soil on BNSF property in the vicinity of the proposed shoofly track area has been impacted with petroleum hydrocarbons and metals from historical railway operations. Impacted soil, west of the bridge, was excavated between October 1988 and May 2003. Regulatory closure of the impacted soil was granted on May 12, 2003.
- Based on the historic use as a rail yard and the common use of herbicides on railroad tracks, residual herbicides may be present in soil beneath the asphalt along the proposed shoofly track area.

- The eastern portion of the proposed shoofly track area is in the immediate vicinity of a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF/ATSF property. The extent of the groundwater contamination is currently under investigation under the oversight of the RWQCB

11. RECOMMENDATIONS

Based on the results of this ISA, Ninyo & Moore makes the following recommendations:

Mount Vernon Avenue

- Soil (and groundwater if encountered) beneath the bridge within the proposed demolition and construction zones should be sampled and analyzed for chemicals of concern (COCs) including petroleum hydrocarbons, metals, VOCs, PCBs, SVOCs, and chlorinated herbicides. Testing should be done during the final design phase to reduce the impact of BNSF operations. The testing should be done in one mobilization as indicated in the BNSF letter in Appendix H.
- If the proposed demolition construction activities will impact soil beneath the two former gasoline stations, soil samples should be collected and analyzed for petroleum hydrocarbons and VOCs during the design phase.
- Demolition or renovation of any structure requires notification and submittal of fees to the SCAQMD.
- Work on BNSF property requires the completion and submittal of fees for an environmental access permit submitted to the Permit Department of Jones Lang LaSalle.
- Coordination of field work with BNSF is included in Appendix H.

Proposed Shoofly Track Area

- Soil (and groundwater if encountered) beneath the proposed shoofly track area should be sampled and analyzed for petroleum hydrocarbons, metals, VOCs, PCBs, SVOCs, and chlorinated herbicides. Testing should be done during the final design phase to reduce the impact of BNSF operations. The testing should be done in one mobilization as indicated in the BNSF letter in Appendix H.
- A hazardous materials contingency plan should be prepared to address the potential for discovery of unidentified USTs, septic systems, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan should address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

- A soil monitoring plan should be prepared prior to construction and should be implemented during all phases of construction. Disturbed soils should be monitored for visual evidence of contamination (e.g., staining or discoloration). If visual evidence of contamination is observed, the soil should be monitored for the presence of Volatile Organic Compounds (VOCs) using appropriate field instruments such as organic vapor measurement with photoionization detectors (PIDs) or flame ionization detectors (FIDs). If the monitoring procedures indicate the possible presence of contaminated soil, a contaminated soil contingency plan should be implemented and should include procedures for segregation, sampling, and chemical analysis of soil. Contaminated soil will be profiled for disposal and will be transported with appropriate hazardous or non-hazardous waste manifests by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the type of waste indicated by the profiling process. The contaminated soil contingency plan should be developed and in place during all construction activities. In the event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/ National Pollutant Discharge Elimination System (NPDES) process, the groundwater should be profiled, manifested, hauled, and disposed of in the same manner.
- Work on BNSF property requires the completion and submittal of fees for an environmental access permit submitted to the Permit Department of Jones Lang LaSalle.
- Coordination of field work with BNSF is included in Appendix H.

12. LIMITATIONS AND EXCEPTIONS OF THE ASSESSMENT

The opinions and recommendations presented in this report are based upon the results of a site reconnaissance and a review of available background information. The scope of this evaluation did not include subsurface exploration, soil or water sampling, or chemical analysis. Further assessment of possible adverse environmental impacts from past on-site activities and activities on surrounding facilities may be accomplished by a more comprehensive assessment, which would likely include excavation or on-site soil borings, soil sampling and analysis, and installation of groundwater monitoring wells.

The opinions presented herein apply to site conditions existing at the time of our Phase I ESA, and cannot be taken to apply to site changes or conditions of which we are not aware and/or have not had the opportunity to evaluate.

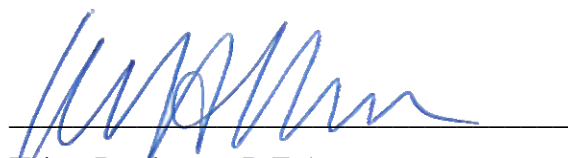
This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore

should be contacted if the reader requires any additional information, or has questions regarding project information, or the content, interpretations presented, or completeness of this document.

Opinions and judgments expressed herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions. In the event conditions change from those described in this Phase I ESA, Ninyo & Moore reserves the right to review such conditions and to modify, as appropriate, the assessments and conclusions provided in this report.

13. ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by §312.10 of 40 Code of Federal Regulations (CFR) 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



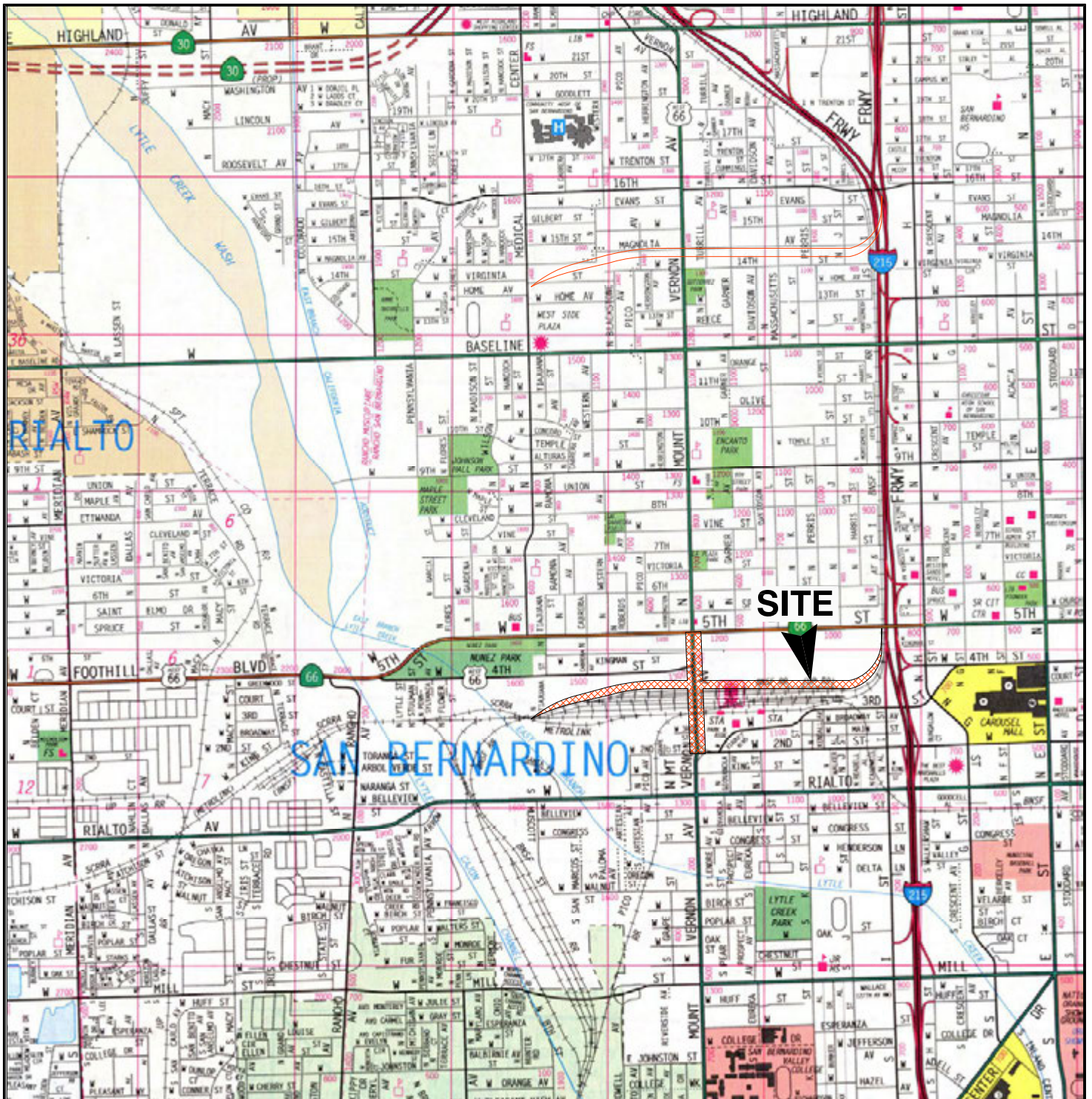
Krista Brodersen, R.E.A.
Senior Project Environmental Scientist

1/13/10

Date

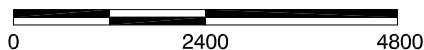
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- Stantec Consulting Corporation (Stantec), 2009, Confirmation Soil Boring – Well Installation and Well Destruction Work Plan for Former Arco Facility 5082, dated March 30, 2009.



REFERENCE: 2007 THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY

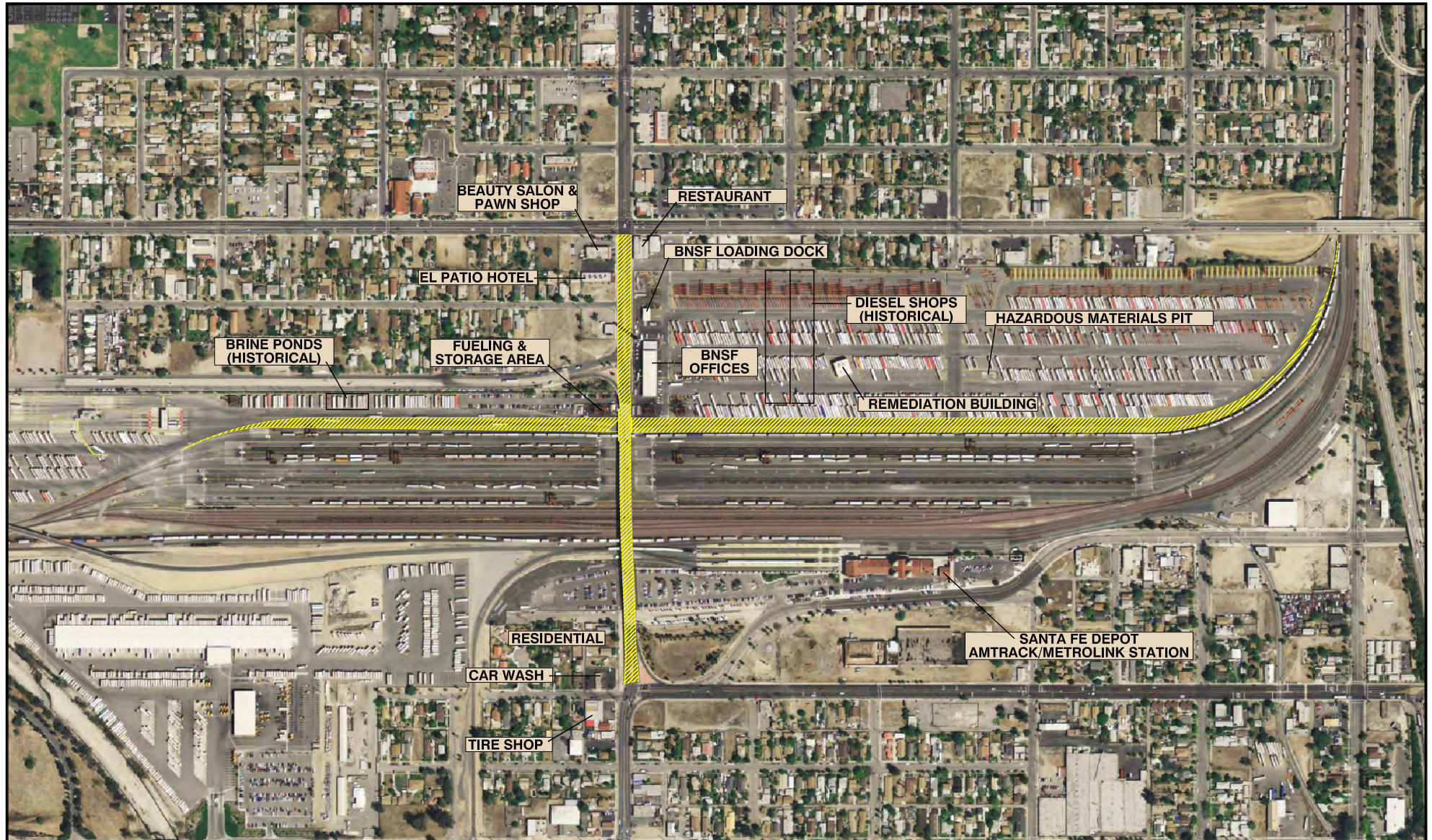
APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.
Map © Rand McNally, R.L.07-S-129



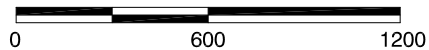
Ninyo & Moore		SITE LOCATION MAP	FIGURE
PROJECT NO.	DATE	MOUNT VERNON AVENUE BRIDGE AND PROPOSED SHOOFLY TRACK AREA SAN BERNARDINO, CALIFORNIA	1
205732002	1/10		



AERIAL FROM GOOGLE EARTH, 2009.



APPROXIMATE SCALE IN FEET



NOTE ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

LEGEND

APPROXIMATE SITE BOUNDARY

BNSF

BURLINGTON NORTHERN AND SANTA FE RAILWAY

Ningo & Moore

PROJECT NO.

205732002

DATE

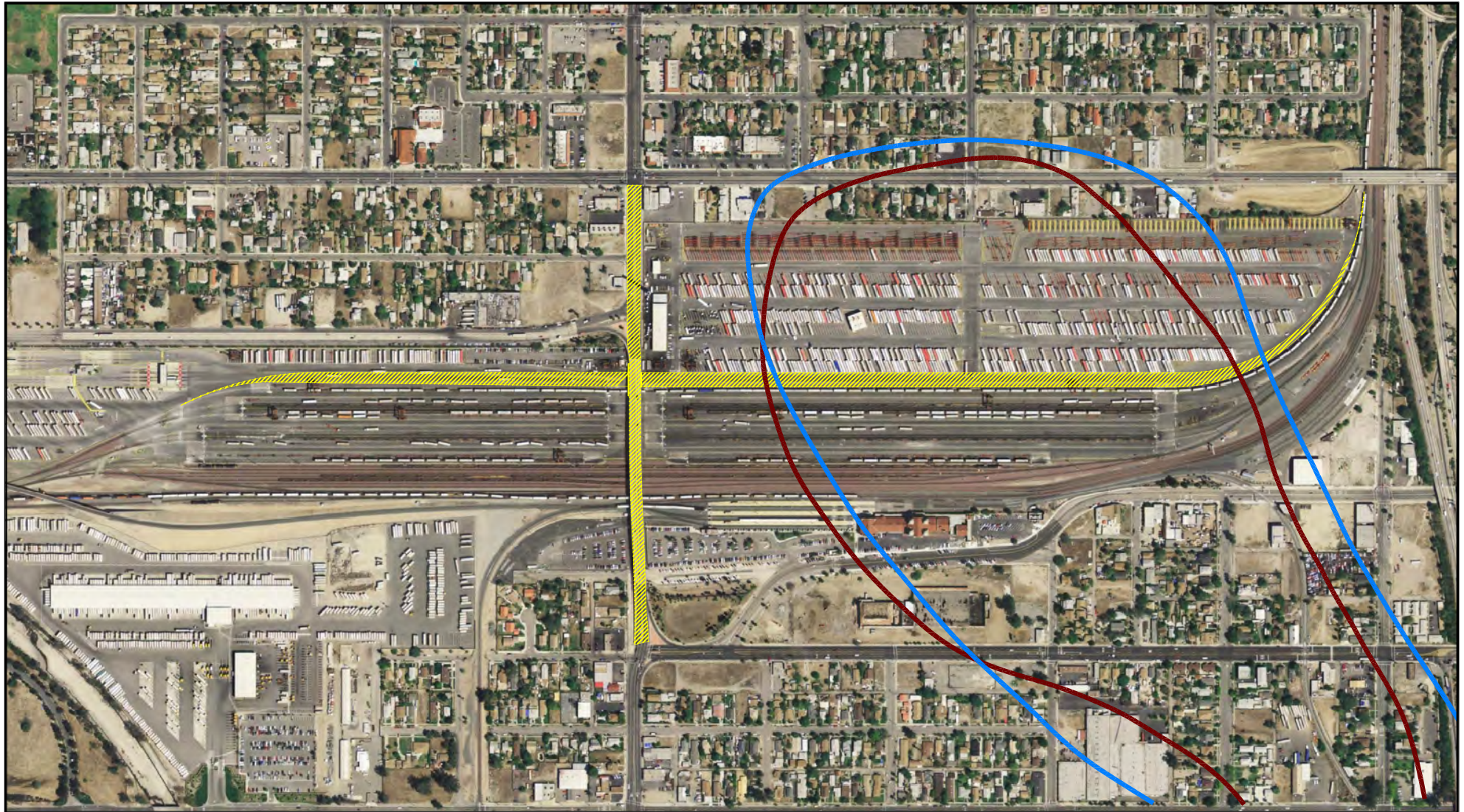
1/10

SITE PLAN

MOUNT VERNON AVENUE BRIDGE AND
PROPOSED SHOOFLY TRACK AREA
SAN BERNARDINO, CALIFORNIA

FIGURE

2



AERIAL FROM GOOGLE EARTH, 2009.

LEGEND



APPROXIMATE SITE BOUNDARY



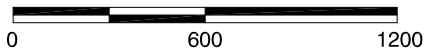
APPROXIMATE LIMITS OF TETRACHLOROETHYLENE CONTAMINATION



APPROXIMATE LIMITS OF TRICHLOROETHYLENE CONTAMINATION



APPROXIMATE SCALE IN FEET



NOTE ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.

205732002

DATE

1/10

GROUNDWATER CONTAMINATION PLUME

MOUNT VERNON AVENUE BRIDGE AND
PROPOSED SHOOFLY TRACK AREA
SAN BERNARDINO, CALIFORNIA

FIGURE

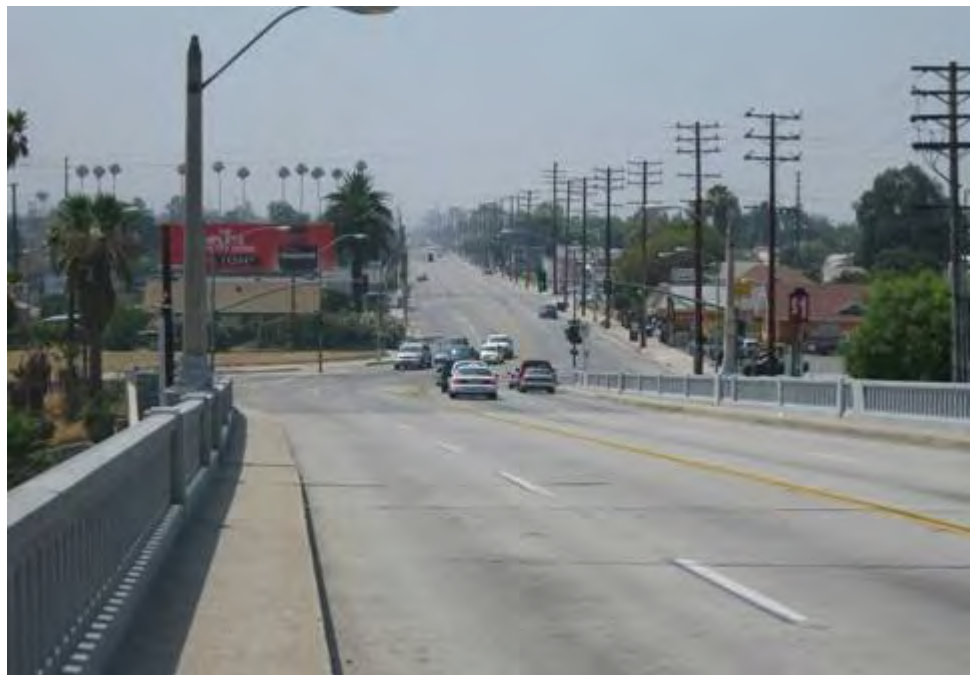
3

APPENDIX A

PHOTOGRAPHIC DOCUMENTATION



Photograph No. 1: Center of Mount Vernon Avenue Bridge facing south.



Photograph No. 2: Mount Vernon Avenue Bridge north approach from 2nd Street facing south.



Photograph No. 3: Tire shop on Mount Vernon Avenue and 2nd Street, south of bridge.



Photograph No. 4: Carwash on Mount Vernon Avenue and 2nd Street, south of bridge.



Photograph No. 5: Mount Vernon Avenue Bridge south approach from 4th Street, facing south.



Photograph No. 6: Mount Vernon Avenue Bridge south approach from 4th Street, facing north.



Photograph No. 7: Beauty Salon, Pawn Shop, and El Patio Hotel on Mount Vernon Avenue and 5th Street, north of bridge.



Photograph No. 8: Proposed shoofly track area facing west from Mount Vernon Avenue Bridge.



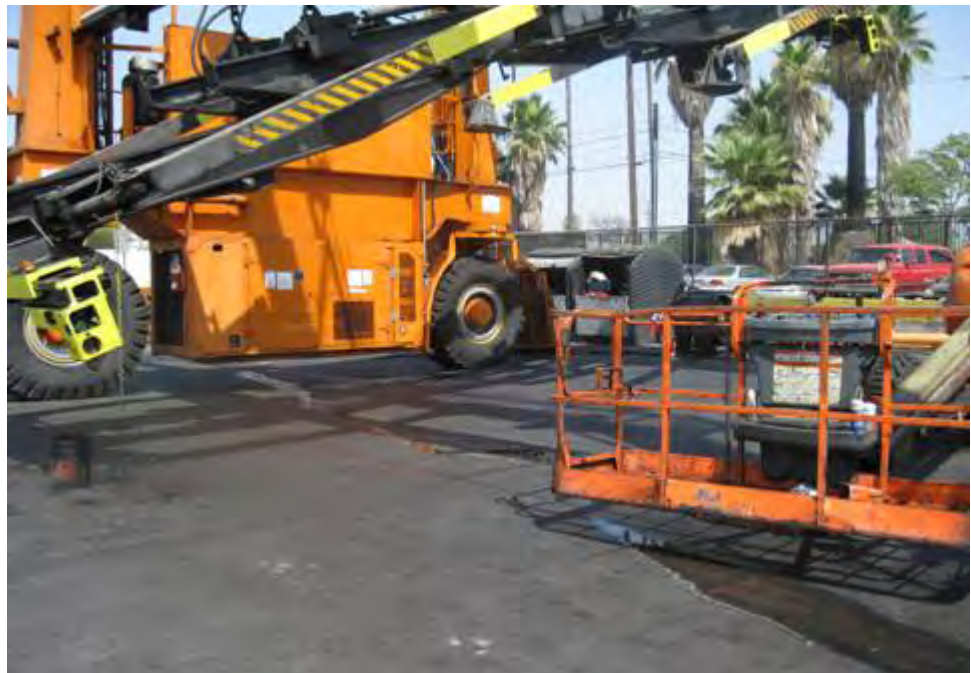
Photograph No. 9: Proposed shoofly track area facing west from Mount Vernon Avenue Bridge.



Photograph No. 10: Proposed shoofly track area facing southwest from the eastern portion of the site.



Photograph No. 11: Proposed shoofly track area facing west from the eastern portion of the site.



Photograph No. 12: Fueling and storage area west of bridge and north of proposed shoofly track area.



Photograph No. 13: Wastewater/oil-and-water separator located west of bridge and north of proposed shoofly track area.



Photograph No. 14: Diesel and oil ASTs west of bridge and north of proposed shoofly track area.



Photograph No. 15: Sheds with 55 gallon drums of used and new motor oil west of bridge and north of proposed shoofly track area.



Photograph No. 16: 55 gallon drums with used filters and motor oil west of bridge and north of proposed shoofly track area.



Photograph No. 17: Sheds with 55 gallon drums of used and new motor oil west of bridge and north of proposed shoofly track area.



Photograph No. 18: 55 gallon drums with used filters and motor oil west of bridge and north of proposed shoofly track area.



Photograph No. 19: Maintenance shed in the fueling and storage area.



Photograph No. 20: Hazardous materials pit located east of bridge and north of proposed shoofly track area.



Photograph No. 21: Remediation building located east of bridge and north of proposed shoofly track area.



Photograph No. 22: BNSF intermodal facility offices.

APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS



Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 2002



Job Number: 207573002

Original Scale of Photo: 1:40,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

 ≈ 375 ft

Copyright: Track Info Services, LLC



Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 1994



Job Number: 207573002

Original Scale of Photo: 1:40,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

 ≈ 375 ft

Copyright: Track Info Services, LLC



Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 1980



Job Number: 207573002

Original Scale of Photo: 1:36,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

 ≈ 375 ft

Copyright: Track Info Services, LLC

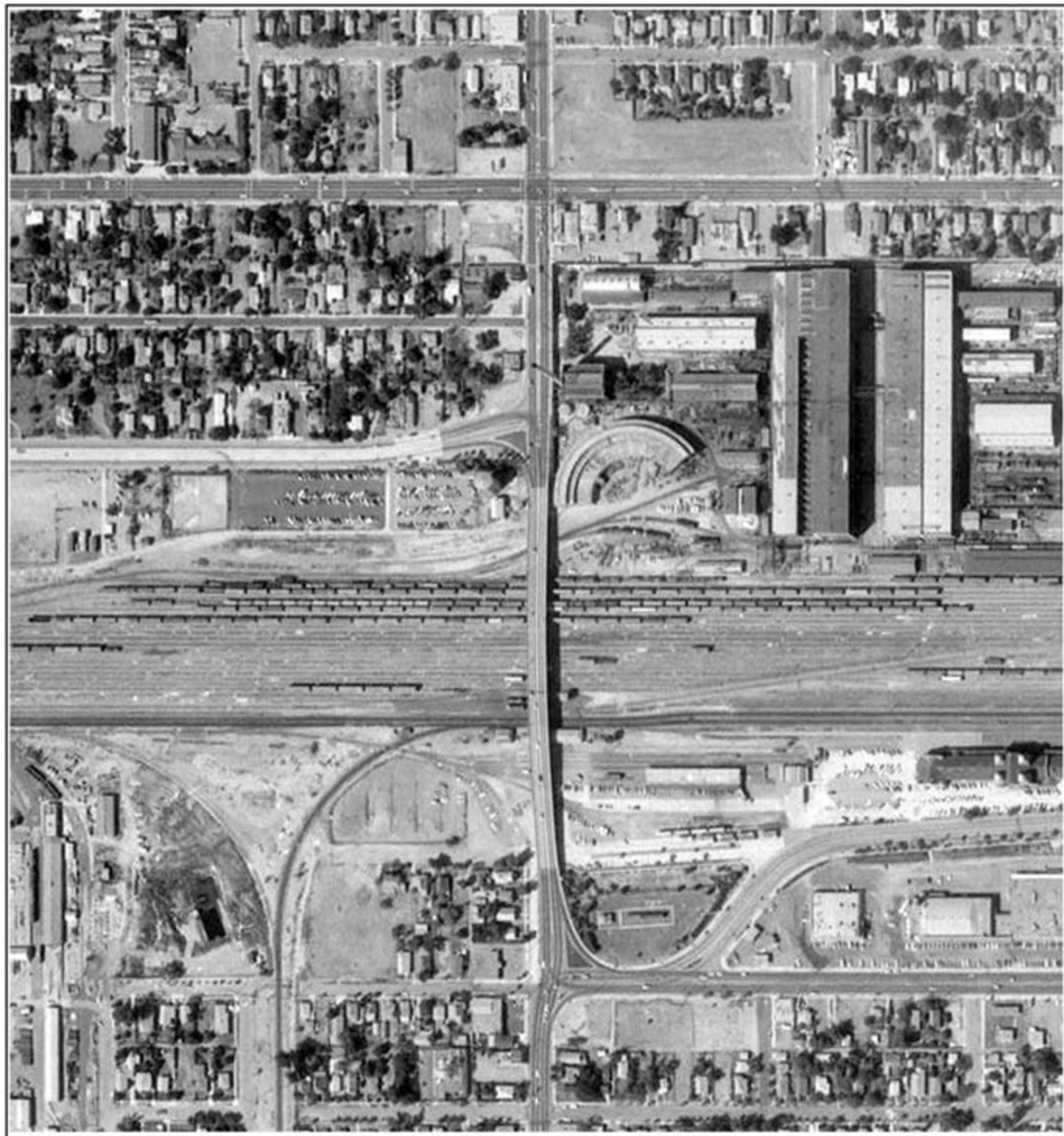


Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 1977



Job Number: 207573002

Original Scale of Photo: 1:24,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

— ≈ 375 ft

Copyright: Track Info Services, LLC



Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 1966



Job Number: 207573002

Original Scale of Photo: 1:24,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

— ≈ 375 ft

Copyright: Track Info Services, LLC

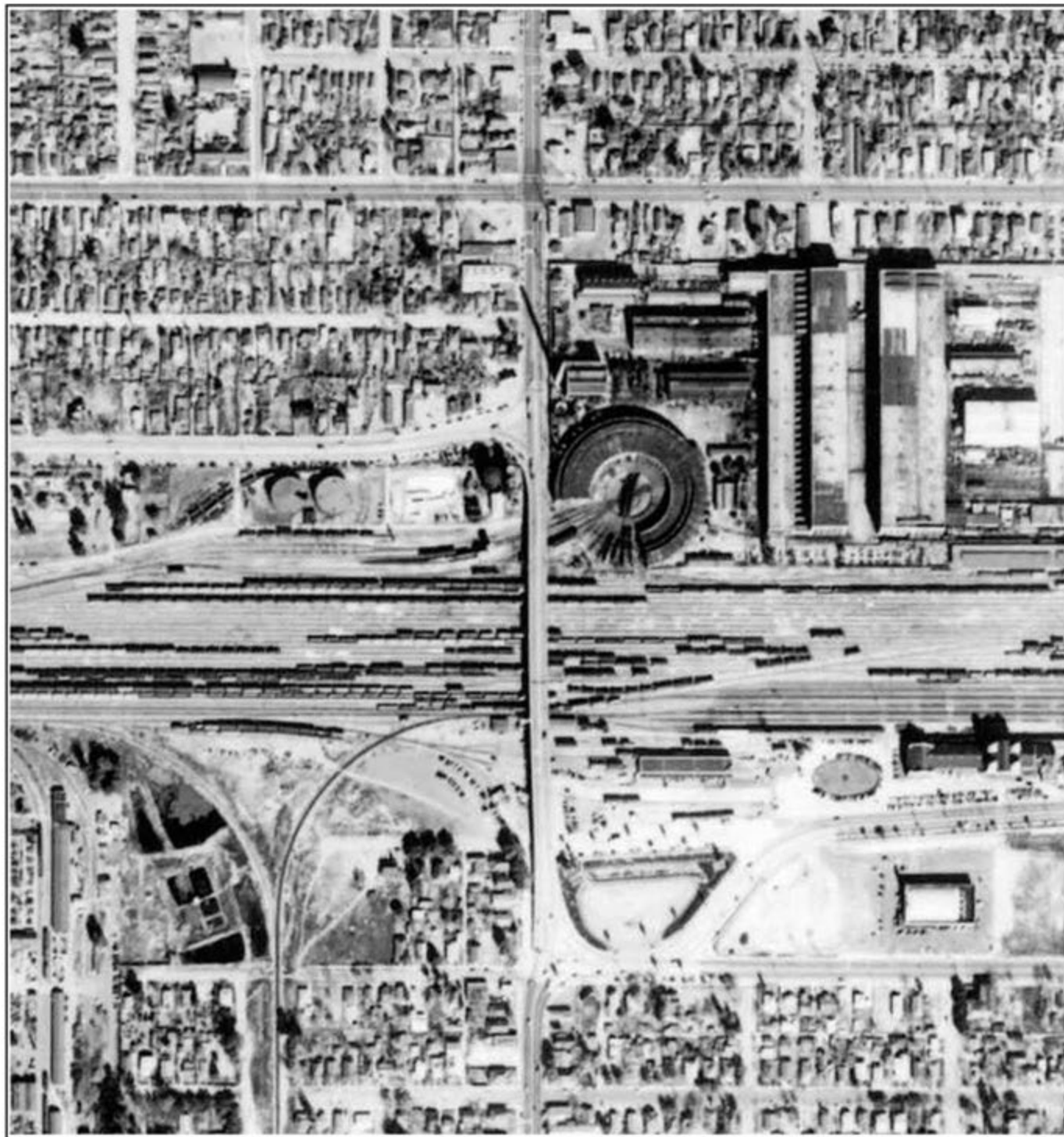


Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 1953



Job Number: 207573002

Original Scale of Photo: 1:20,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

 ≈ 375 ft

Copyright: Track Info Services, LLC



Track Info Services, LLC

Historical Aerial Photo

Site: 200 Mount Vernon Ave, San Bernardino, CA 92411

Photo Year: 1938



Job Number: 207573002

Original Scale of Photo: 1:20,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

 ≈ 375 ft

Copyright: Track Info Services, LLC

APPENDIX C

FIRST SEARCH ENVIRONMENTAL DATABASE REPORT

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

**200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411**

Job Number: 207573002

PREPARED FOR:

Ninyo and Moore
475 Goddard, Suite 200
Irvine, CA 92618

Geotechnical and Environmental Services

07-10-09



Tel: (866) 664-9981

Fax: (818) 249-4227

Environmental FirstSearch

Search Summary Report

Target Site: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	06-12-09	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	06-12-09	0.50	0	0	0	0	-	0	0
CERCLIS	Y	05-27-09	0.50	0	0	0	0	-	1	1
NFRAP	Y	05-27-09	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	05-13-09	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	05-13-09	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	05-13-09	0.25	0	0	6	-	-	0	6
RCRA NLR	Y	05-13-09	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	07-02-09	0.25	0	0	0	-	-	0	0
ERNS	Y	06-16-09	0.12	0	1	-	-	-	1	2
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	01-16-09	1.00	0	0	1	0	6	0	7
State Spills 90	Y	05-22-09	0.12	0	1	-	-	-	0	1
State/Tribal SWL	Y	04-27-09	0.50	0	2	3	1	-	2	8
State/Tribal LUST	Y	04-28-09	0.50	0	1	8	12	-	0	21
State/Tribal UST/AST	Y	05-13-09	0.25	0	5	23	-	-	0	28
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	05-13-09	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	01-16-09	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	08-08-07	0.50	0	0	0	0	-	0	0
State Permits	Y	04-16-08	0.25	0	15	38	-	-	3	56
State Other	Y	05-05-09	0.25	0	0	0	-	-	0	0
- TOTALS -				0	25	79	13	6	7	130

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 07-10-09
Requestor Name: krista
Standard: ASTM-05

Search Type: AREA
0.08 sq mile(s)
Job Number: 207573002
Filtered Report

Target Site: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

Demographics

Sites: 130	Non-Geocoded: 7	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-117.312583	-117:18:45	Easting: 471168.704
Latitude:	34.105606	34:6:20	Northing: 3773714.772
			Zone: 11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

ZIP		ST	Dist/Dir	Sel
Code	City Name			
92324	COLTON	CA	0.71 SW	Y
92401	SAN BERNARDINO	CA	0.25 SE	Y
92408	SAN BERNARDINO	CA	0.81 SE	Y
92410	SAN BERNARDINO	CA	0.00 --	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch

Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	PERMITS	BNSF RAILWAY CO PT0013210/INACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	1
2	PERMITS	KENTUCKIANA RAILCAR REPAIR LLC FA0010579/ACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	1
3	PERMITS	BNSF RAILWAY CO FA0007677/ACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	1
4	PERMITS	EAGLE SYSTEMS 95038031/ACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	2
5	PERMITS	EAGLE INTERMODAL SERVICES INC CAL000309534/INACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	2
6	PERMITS	KENTUCKIANA RAILCAR REPAIR LLC CAL000287079/ACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	2
7	PERMITS	BNSF RAILWAY COMPANY CAL000266585/ACTIVE	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	2
8	UST	SAN BERNARDINO RAILYARD AST2277/AST SWRCB REG.8	1535 W 4TH ST SAN BERNARDINO CA 92411	0.01 NW	2
8	UST	EAGLE SYSTEMS SANBERDO95038031/NUMBER OF TANKS	1535 4TH ST SAN BERNARDINO CA 92411	0.01 NW	3
9	ERNS	BNSF RAIL YARD NRC-843720/RAILROAD	1535W 4TH STREET SAN BERNARDINO CA	0.01 NW	4
12	PERMITS	HOLMES ICE and COLD STORAGE 86008956/NOT REPORTED	340 N I ST SAN BERNARDINO CA 92410	0.02 SE	5
13	PERMITS	VERIZON WIRELESS 94031190/ACTIVE	351 N I ST SAN BERNARDINO CA 92910	0.02 SE	6
13	UST	FORD WHOLESALE TISID-STATE7767/INACTIVE	1582 4TH SAN BERNARDINO CA	0.02 NW	7
14	UST	ANITAS MEXICAN FOOD CORP TISID-STATE39016/ACTIVE	1390 4TH SAN BERNARDINO CA 92411	0.02 NW	8
15	PERMITS	ANITA S MEXICAN FOOD CORP 85007569/ACTIVE	1390 W 4TH ST SAN BERNARDINO CA 92411	0.02 NW	8
16	LUST	ATCHISON, TOPEKA and SANTA FE RY T0607100141/POLLUTION CHARACTERI	1170 3RD ST SAN BERNARDINO CA 92410	0.06 SW	9
17	SWL	GW INVESTIGATION WMUD8 362299N01/ACTIVE	1260 WEST 3RD ST SAN BERNARDINO CA 92410	0.07 NE	10
19	SPILLS	ATCHISON, TOPEKA and SANTA FE RY G_T0607100141/OPEN - SITE ASSESSME	1170 W 3RD ST SAN BERNARDINO CA 92410	0.07 SW	11
20	PERMITS	VERIZON-SAN BDNO CENTRAL 86008940/ACTIVE	1320 KING ST SAN BERNARDINO CA 92408	0.07 SW	12
20	UST	SAN BERNARDINO TOLL BLDG TISID-STATE38795/ACTIVE	1320 KING SAN BERNARDINO CA 92410	0.07 SW	12
21	PERMITS	LASALLE MEDICAL ASSOCIATES CAL000283084/ACTIVE	565 N MT VERNON AVE SAN BERNARDINO CA 92411	0.08 N-	13

Environmental FirstSearch

Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
22	PERMITS	BIG Z AUTOWORKS INC CAL000288705/ACTIVE	274 N I ST SAN BERNARDINO CA 92410	0.09 SE	14
23	PERMITS	BIG Z AUTO WORKS 85003094/ACTIVE	274 N I ST SAN BERNARDINO CA 92410	0.09 SE	14
24	PERMITS	M and M GENERATORS 86010708/ACTIVE	121 N MT VERNON AVE SAN BERNARDINO CA 92410	0.10 SW	15
25	SWL	WEST 5TH STREET WASTE TIRE SITE SWIS36-TI-0535/ABANDONED	1545 WEST 5TH STREET SAN BERNARDINO CA 92410	0.11 NW	16
26	PERMITS	LUIS AUTO CENTER 95036484/ACTIVE	1196 W 5TH ST SAN BERNARDINO CA 92411	0.13 NE	17
27	PERMITS	DOSKOCIL INDUSTRIES INC 95036002/ACTIVE	1324 W RIALTO AVE SAN BERNARDINO CA 92410	0.13 SW	18
27	PERMITS	MANUELS TIRE WHEEL and AUTO CAL000322178/ACTIVE	101 S MOUNT VERNON AVE SAN BERNARDINO CA 92410	0.13 SE	19
28	PERMITS	MUNICIPAL TRANSMISSION 00048715/ACTIVE	1188 W 5TH ST SAN BERNARDINO CA 92411	0.14 NE	20
28	PERMITS	MUNICIPAL TRANSMISSION CAL000330987/ACTIVE	1188 W 5TH ST SAN BERNARDINO CA 92411	0.14 NE	20
29	UST	ABANDONED UST (FAIRVIEW FORD) SANBERDOPT0013366	808 W THIRD ST SAN BERNARDINO CA 92410	0.14 SE	21
30	PERMITS	EL CABALLO MUFFLER and RADIATOR FA0009141/ACTIVE	1013 W 5TH ST SAN BERNARDINO CA 92411	0.14 NE	22
31	PERMITS	DOSKOCIL INDUSTRIES CAL000152671/ACTIVE	1324 RIALTO AVENUE SAN BERNARDINO CA 92410	0.14 SW	23
32	PERMITS	NUEVA VISTA/CWN MOWERSHOP CAL000326530/ACTIVE	1354 W RIALTO AVE SAN BERNARDINO CA 92410	0.14 SW	24
32	UST	EDITH WOOD SANBERDO00047950/NUM OF TANKS: 3	1545 W 5TH ST SAN BERNARDINO CA 92410	0.14 NW	25
33	UST	C-STAR TISID-STATE38910/ACTIVE	1545 5TH SAN BERNARDINO CA 92410	0.14 NW	25
34	UST	C-STAR SERVICE STATION SANBERDO86009551/NUM OF TANKS: 3	1545 W 5TH ST SAN BERNARDINO CA 92410	0.14 NW	25
34	UST	SANTA FE RAILWAY COMPANY TISID-STATE40457/ACTIVE	470 L SAN BERNARDINO CA 92411	0.14 NE	26
35	PERMITS	BENNETT AUTOMOTIVE 89019147/INACTIVE	1013 W 5TH SAN BERNARDINO CA 92410	0.15 NE	27
36	PERMITS	EL CABALLO MUFFLER SHOP CAL000286867/ACTIVE	1013 W 5TH ST SAN BERNARDINO CA 92411	0.15 NE	27
37	PERMITS	AIR LINE TAXI INC CAD982327413/INACTIVE	1510 W 5TH ST SAN BERNARDINO CA 92411	0.15 NW	28

Environmental FirstSearch

Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
38	PERMITS	YELLOW CAB / BELL CAB 86009552/ACTIVE	1510 W 5TH ST SAN BERNARDINO CA 92411	0.15 NW	28
39	UST	YELLOW CAB CO. INC. TISID-STATE40410/ACTIVE	1510 5TH SAN BERNARDINO CA 92411	0.15 NW	28
40	UST	YELLOW CAB CO OF SB SANBERDO86009552/NUMBER OF TANKS	1510 W 5TH ST SAN BERNARDINO CA 92411	0.15 NW	28
41	RCRAGN	ALL AMERICAN and IMPORT AUTO CAD981628571/SGN	1075 W 5TH ST SAN BERNARDINO CA 92411	0.15 NE	29
42	PERMITS	NEKAMOTO INC. 89017813/ACTIVE	1015 W 5TH ST SAN BERNARDINO CA 92411	0.15 NE	30
43	UST	SAHARA KMD INT L SANBERDO89017813/NUM OF TANKS: 1	1015 W 5TH ST SAN BERNARDINO CA 92411	0.15 NE	30
43	PERMITS	ARS MEKAMOTO JAPANS ENGINE AND TRA CAL000290235/ACTIVE	1015 W 5TH ST SAN BERNARDINO CA 92411	0.15 NE	30
44	SWL	G and M GENERAL MECHANICAL SWIS36-TI-1488/ACTIVE	647 NORTH MOUNT VERNON AVE. SAN BERNARDINO CA 92411	0.15 N-	31
46	PERMITS	SUNWEST PRINTING, INC. 00048979/ACTIVE	390 N H ST SAN BERNARDINO CA 92410	0.16 NE	32
47	PERMITS	SUNWEST PRINTING CAL000183219/ACTIVE	390 N H ST SAN BERNARDINO CA 92410	0.16 NE	32
48	SWL	COLIMA TIRE SWIS36-TI-0575/ACTIVE	1098 WEST 5TH STREET SAN BERNARDINO CA 92411	0.16 NE	33
50	SWL	KORITAS TIRE'S SWIS36-TI-0828/TO BE DETERMINED	1632 WEST 5TH ST. SAN BERNARDINO CA 92411	0.16 NW	34
52	PERMITS	ABANDONED USTS 93030596/ACTIVE	1098 W 5TH ST SAN BERNARDINO CA 92411	0.16 NE	35
53	UST	ABANDONED USTS SANBERDO93030596	1098 W 5TH ST SAN BERNARDINO CA 92411	0.16 NE	35
55	PERMITS	JULIOS AUTO PARTS INC CAL000329516/ACTIVE	630 N MOUNT VERNON AVE SAN BERNARDINO CA 92411	0.16 N-	36
55	UST	5TH AVE. TIRE and MINI MART TISID-STATE40521/ACTIVE	1632 5TH SAN BERNARDINO CA 92411	0.17 NW	37
56	RCRAGN	BELL CLEANERS CAD081157901/SGN	631 N. MT VERNON AVENUE SAN BERNARDINO CA 92411	0.17 N-	38
57	PERMITS	PRECISION AUTOMOTIVE and TRANS FA0010021/ACTIVE	909 W 2ND ST SAN BERNARDINO CA 92410	0.18 SE	39
57	UST	MOTOR CAR COMPANY TISID-STATE39214/ACTIVE	909 2ND SAN BERNARDINO CA 92410	0.18 SE	39
58	PERMITS	PERFORMANCE AUTOMOTIVE 00048886/INACTIVE	909 W 2ND ST SAN BERNARDINO CA 92410	0.18 SE	39

Environmental FirstSearch

Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
58	UST	MOTOR CAR COMPANY SANBERDO86009288/NUM OF TANKS: 3	909 W 2ND ST SAN BERNARDINO CA 92410	0.18 SE	39
59	PERMITS	PRECISION AUTOMOTIVE AND TRANSMISS CAL000298992/ACTIVE	909 W 2ND ST SAN BERNARDINO CA 92410	0.18 SE	39
59	PERMITS	ALLEN MICHAEL and BRENDA FA0000847/INACTIVE	895 W 2ND ST SAN BERNARDINO CA 92401	0.18 SE	40
60	UST	SERVICE STATION TISID-STATE39586/ACTIVE	895 2ND SAN BERNARDINO CA 92410	0.18 SE	40
61	UST	ALLEN, MICHAEL and BRENDA SANBERDO89019482	895 W 2ND ST SAN BERNARDINO CA 92401	0.18 SE	40
62	LUST	ALLEN PROPERTY T0607199300/OPEN - SITE ASSESSME	895 2ND STREET WEST SAN BERNARDINO CA 92410	0.18 SE	40
64	PERMITS	ALLEN, MICHAEL and BRENDA 89019482/INACTIVE	895 W 2ND ST SAN BERNARDINO CA 92401	0.18 SE	40
64	LUST	ALLEN PROPERTY 2001007B/NO ACTION	895 2ND STREET SAN BERNARDINO CA 92410	0.18 SE	40
65	LUST	ALLEN PROPERTY 2001007A/NO ACTION	895 SECOND STREET SAN BERNARDINO CA 92410	0.18 SE	40
66	PERMITS	HOAKS BROS. PLATING 85003230/ACTIVE	939 W 2ND ST SAN BERNARDINO CA 92410	0.18 SW	41
67	RCRAGN	HOAK BROS. PLATING CAR000090373/SGN	939 W. 2ND ST. SAN BERNARDINO CA 92410	0.18 SW	41
68	UST	NANAK PETRO TISID-STATE39342/ACTIVE	1169 2ND SAN BERNARDINO CA 92410	0.19 SW	42
69	LUST	CONOCO (KAYO OIL/ECONO) T0607100016/COMPLETED - CASE CLO	1169 W 2ND ST SAN BERNARDINO CA 92410	0.19 SW	42
71	PERMITS	FRANK S AIR COND/MUFFLER 89019036/INACTIVE	1095 W 2ND ST SAN BERNARDINO CA 92410	0.19 SW	43
72	PERMITS	ABRAHAMS AUTOMOTIVE FA0000204/INACTIVE	1083 W 2ND ST SAN BERNARDINO CA 92410	0.19 SW	44
73	PERMITS	ABRAHAMS AUTOMOTIVE 95036545/INACTIVE	1083 W 2ND ST SAN BERNARDINO CA 92410	0.19 SW	44
74	STATE	LA PLACITA 2 PROPOSED REDEVELOPM CAL60000928/ACTIVE	1169 WEST 2ND STREET San Bernardino CA 92410	0.19 SW	45
75	UST	JOHN GOMEZ SANBERDO99047515/NUM OF TANKS: 1	587 W ROBERDS AVE SAN BERNARDINO CA 92411	0.20 NW	46
75	PERMITS	MERIT OIL COMPANY 86009302/ACTIVE	1405 W RIALTO AVE SAN BERNARDINO CA 92410	0.21 SW	47
76	UST	AMENDT OIL COMPANY TISID-STATE39521/ACTIVE	1405 RIALTO AVEUE SAN BERNARDINO CA 92410	0.21 SW	47

Environmental FirstSearch

Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
77	LUST	MERIT OIL COMPANY T0607100534/COMPLETED - CASE CLO	1405 W RIALTO AVE SAN BERNARDINO CA 92410	0.21 SW	47
78	UST	MERIT OIL CO SANBERDO86009302	1405 W RIALTO AVE SAN BERNARDINO CA 92410	0.21 SW	47
80	PERMITS	U and I AUTO PARTS CAL000282838/ACTIVE	1435 W RIALTO AVE SAN BERNARDINO CA 92410	0.21 SW	48
80	PERMITS	LNR SAN BERNARDINO LLC DBA CAROUSE CAL000311651/ACTIVE	295 CAROUSEL MALL SAN BERNARDINO CA 92401	0.22 SE	49
81	PERMITS	OMNITRANS 86009147/ACTIVE	1700 W 5TH ST SAN BERNARDINO CA 92411	0.22 NW	50
82	UST	OMNITRANS TISID-STATE38860/ACTIVE	1700 5TH SAN BERNARDINO CA 92411	0.22 NW	50
83	UST	OMNITRANS SANBERDO86009147	1700 W 5TH ST SAN BERNARDINO CA 92411	0.22 NW	50
86	LUST	OMNITRANS T0607100269/COMPLETED - CASE CLO	1700 W 5TH ST SAN BERNARDINO CA 92411	0.22 NW	50
88	RCRAGN	J B HUNT CA0000134031/SGN	1680 SANTA FE WY SAN BERNARDINO CA 92410	0.23 SW	51
89	PERMITS	JB HUNT INC CAL000256571/ACTIVE	1680 SANTA FE WAY SAN BERNARDINO CA 92410	0.23 SW	51
90	PERMITS	PACIFIC MOTOR TRUCKING CO FA0005192/INACTIVE	1680 SANTA FE WAY SAN BERNARDINO CA 92410	0.23 SW	51
91	PERMITS	PACIFIC MOTOR TRUCKING CO 95032857/INACTIVE	1680 SANTA FE WAY SAN BERNARDINO CA 92410	0.23 SW	51
92	PERMITS	FAIRVIEW FORD SALES, INC. 92026710/ACTIVE	292 N G ST SAN BERNARDINO CA 92410	0.23 SE	52
93	RCRAGN	FAIRVIEW FORD CAD981442247/SGN	292 N G ST SAN BERNARDINO CA 92410	0.23 SE	52
94	UST	INCO TISID-STATE40582/ACTIVE	796 5TH SAN BERNARDINO CA 92410	0.23 NE	53
95	LUST	INCO SERVICE STATION T0607100231/OPEN - REMEDIATION	796 W 5TH ST SAN BERNARDINO CA 92410	0.23 NE	53
97	RCRAGN	AEROBACK MEDICAL GROUP INC CAD983653759/SGN	740 W 4TH ST SAN BERNARDINO CA 92410	0.23 NE	54
98	PERMITS	INTER RAIL TRANSPORT INC CAL000257991/ACTIVE	1685 SANTA FE WAY SAN BERNARDINO CA 92410	0.24 SW	55
99	PERMITS	SANTA FE RAILWAY AUTO DIS 97041848/ACTIVE	1685 SANTA FE WAY SAN BERNARDINO CA 92410	0.24 SW	55
100	PERMITS	OMNITRANS CAD981379068/ACTIVE	1700 WEST FIFTH ST SAN BERNARDINO CA 92411	0.24 NW	56

Environmental FirstSearch

Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
101	UST	EXXON SERVICE STA 7-0882 TISID-STATE39982/ACTIVE	797 2ND SAN BERNARDINO CA 92410	0.25 SE	57
102	LUST	TEXACO SERVICE STATION T0607100274/COMPLETED - CASE CLO	797 W 2ND ST SAN BERNARDINO CA 92410	0.25 SE	57
103	UST	LUBE CENTER SANBERDO86009138	720 W 4TH ST SAN BERNARDINO CA 92404	0.25 NE	58
104	LUST	FIRESTONE STORE (BFS 180513) T0607129188/COMPLETED - CASE CLO	677 W. 4TH ST SAN BERNARDINO CA	0.27 NE	59
108	LUST	JOEY S BODY SHOP T0607100146/COMPLETED - CASE CLO	916 6TH ST SAN BERNARDINO CA 92415	0.29 NE	60
109	LUST	ARCO 6227 T0607100158/COMPLETED - CASE CLO	702 W 2ND ST SAN BERNARDINO CA 92415	0.32 SE	61
116	LUST	CHEVRON T0607100292/COMPLETED - CASE CLO	598 N H ST SAN BERNARDINO CA 92410	0.32 NE	62
117	LUST	VIKING TIRE T0607100148/COMPLETED - CASE CLO	747 W RIALTO AVE SAN BERNARDINO CA 92410	0.38 SE	63
119	SWL	VIKING AUTO CENTER SWIS36-TI-0204/TO BE DETERMINED	747 WEST RIALTO BLVD SAN BERNARDINO CA 92410	0.38 SE	64
120	LUST	FIVE STAR LIQUOR AND MARKET T0607100537/COMPLETED - CASE CLO	306 MOUNT VERNON AVE SAN BERNARDINO CA 92410	0.44 SW	65
121	LUST	UNOCAL 6968 T0607100034/COMPLETED - CASE CLO	187 N F ST SAN BERNARDINO CA 92415	0.46 SE	66
122	LUST	G and M OIL SS 67 T0607100599/COMPLETED - CASE CLO	187 N F ST SAN BERNARDINO CA 92415	0.46 SE	66
128	LUST	SMOOTH MOVE T0607100608/COMPLETED - CASE CLO	207 WALKINSHAW ST SAN BERNARDINO CA 92410	0.48 SE	67
129	LUST	FOURTH ST ROCK CRUSHER T0607170228/COMPLETED - CASE CLO	1945 W. 4TH STREET SAN BERNARDINO CA 92412	0.48 NW	68
130	LUST	ALTA DENA DAIRY T0607100005/COMPLETED - CASE CLO	341 S MOUNT VERNON AVE SAN BERNARDINO CA 92410	0.49 SE	69
131	LUST	SOUTHERN CALIFORNIA GAS CO. T0607100214/COMPLETED - CASE CLO	155 S G ST SAN BERNARDINO CA 92410	0.50 SE	70
132	STATE	SOUTHWEST METAL COMPANY CAL36330036/PROPERTY/SITE REFERR	740 CONGRESS STREET SAN BERNARDINO CA 92410	0.53 SE	71
136	STATE	SIGNAL OIL CO. CAL36130006/NO FURTHER ACTION FO	173 SOUTH G STREET SAN BERNARDINO CA 92410	0.53 SE	72
139	STATE	INLAND BEHAVIORAL and HEALTH SVCS. CAL33800003/NO ACTION - FOR CALM	665 and 671 NORTH D STREET SAN BERNARDINO CA 92401	0.77 NE	73
140	STATE	QUALITY PLATING INC. CAL36340031/PROPERTY/SITE REFERR	456 SOUTH I ST. SAN BERNARDINO CA 92410	0.85 SE	74

Environmental FirstSearch
Sites Summary Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
143	STATE	HANFORD FOUNDRY CAL36330011/VOLUNTARY CLEANUP PR	119 SOUTH ARROWHEAD AVENUE SAN BERNARDINO CA 92408	0.87 SE	75
146	STATE	RAILROAD STORAGE YARD CAL36400001/NO FURTHER ACTION FO	570 WEST MILL STREET SAN BERNARDINO CA 92410	0.97 SE	76

***Environmental FirstSearch
Sites Summary Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

TOTAL: 130 **GEOCODED:** 123 **NON GEOCODED:** 7 **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
149	SWL	HUBBS WEST 7TH STREET LF SWIS36-CR-0049/CLOSED	WEST 7TH ST/ GARCIA ST SAN BERNARDINO CA	NON GC	
150	PERMITS	LA BARCA AUTO SERVICE FA0009712/ACTIVE	2274 N CABRERA AVE SAN BERNARDINO CA 92411	NON GC	
151	PERMITS	J U N IRON WORKS CAL000190587/ACTIVE	2292 N CABRERA AVE SAN BERNARDINO CA 92411	NON GC	
152	PERMITS	FELIX AUTOMOTIVE CAL000216195/ACTIVE	2230 N CABRERA AVE SAN BERNARDINO CA 92411	NON GC	
153	ERNS	NRC-769150/MOBILE	2915 S RIVERSIDE AVE SAN BERNARDINO CA	NON GC	
156	CERCLIS	QUICKSILVER BELLS MERCURY CAN000908695/NOT PROPOSED	1019 W 6TH STREET SAN BERNARDINO CA	NON GC	
157	SWL	LANDFILL,SAN BDNO,INERT WMUD8 360340001/ACTIVE	W 7TH ST SAN BERNARDINO CA	NON GC	

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 33	DIST/DIR: 0.01 NW	MAP ID: 1
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NAME: BNSF RAILWAY CO ADDRESS: 1535 W 4TH ST SAN BERNARDINO CA 92411 SAN BERNARDINO	REV: 02/11/04 ID1: PT0013210 ID2: STATUS: INACTIVE PHONE:
CONTACT:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES
Permit Number:	PT0013210
Status:	INACTIVE
Expiration Date:	3/31/2007 12:00:00AM
Facility Phone:	
Owner Name:	BNSF RAILWAY COMPANY
Owner Address:	
Owner Address:	
Owner Phone:	

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 50	DIST/DIR: 0.01 NW	MAP ID: 1
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NAME: KENTUCKIANA RAILCAR REPAIR LLC	REV: 09/26/06
ADDRESS: 1535 W 4TH ST	ID1: FA0010579
SAN BERNARDINO CA 92411	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	LIMITED QUANTITY GENERATOR(B)
Permit Number:	PT0018038
Status:	ACTIVE
Expiration Date:	9/30/2006 12:00:00AM
Facility Phone:	
Owner Name:	PROGRESS RAIL SERVICE CORP.
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER- 51-99 EMPLOYEES
Permit Number:	PT0018039
Status:	ACTIVE
Expiration Date:	9/30/2006 12:00:00AM
Facility Phone:	
Owner Name:	PROGRESS RAIL SERVICE CORP.
Owner Address:	
Owner Address:	
Owner Phone:	

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 34	DIST/DIR: 0.01 NW	MAP ID: 1
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NAME: BNSF RAILWAY CO ADDRESS: 1535 W 4TH ST SAN BERNARDINO CA 92411 San Bernardino	REV: 09/26/06 ID1: FA0007677 ID2: STATUS: ACTIVE PHONE:
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COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	GENERATOR - 0-10 EMPLOYEES
Permit Number:	PT0017133
Status:	ACTIVE
Expiration Date:	3/31/2007 12:00:00AM
Facility Phone:	
Owner Name:	BURLINGTON NO SANTA FE RAILWAY
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)
Permit Number:	PT0017134
Status:	ACTIVE
Expiration Date:	3/31/2007 12:00:00AM
Facility Phone:	
Owner Name:	BURLINGTON NO SANTA FE RAILWAY
Owner Address:	
Owner Address:	
Owner Phone:	

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 39	DIST/DIR: 0.01 NW	MAP ID: 2
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NAME: EAGLE SYSTEMS	REV: 02/11/04
ADDRESS: 1535 W 4TH ST	ID1: 95038031
SAN BERNARDINO CA 92411	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	GENERATOR - 11-25 EMPLOYEES
Permit Number:	PT0008057
Status:	ACTIVE
Expiration Date:	8/31/2007 12:00:00AM
Facility Phone:	
Owner Name:	EAGLE SYSTEMS
Owner Address:	1535 4TH ST
Owner Address:	SAN BERNARDINO CA 92411
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 11-25 EMPLOYEES (W/GEN PRMT)
Permit Number:	PT0008058
Status:	ACTIVE
Expiration Date:	8/31/2007 12:00:00AM
Facility Phone:	
Owner Name:	EAGLE SYSTEMS
Owner Address:	1535 4TH ST
Owner Address:	SAN BERNARDINO CA 92411
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 38 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: EAGLE INTERMODAL SERVICES INC	REV: 04/16/08
ADDRESS: 1535 W 4TH ST	ID1: CAL000309534
SAN BERNARDINO CA 92411	ID2:
San Bernardino	STATUS: INACTIVE
CONTACT:	PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	7/26/2006 10:27:16 AM
Inactivity Date:	6/30/2007
Facility Mail Name:	
Facility Mailing Address:	395 N MOUNT VERNON AVE, SAN BERNARDINO, CA 92411-2673
Owner Name:	MIKE WALKER
Owner Address:	230 GRANT RD, EAST WENATCHEE, WA 98802
Contact Name:	LORENZO JACKSON OR NAOMI CRUZ
Contact Address:	395 N MOUNT VERNON AVE, SAN BERNARDINO, CA 92411-2673
Contact Phone:	9093864344

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:
Total Tonnage per Year:

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	Oil/water separation sludge
Total Tonnage per Year:	6.255

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	Unspecified oil-containing waste
Total Tonnage per Year:	

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	Other organic solids
Total Tonnage per Year:	5.245

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 49	DIST/DIR: 0.01 NW	MAP ID: 2
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NAME: KENTUCKIANA RAILCAR REPAIR LLC ADDRESS: 1535 W 4TH ST SAN BERNARDINO CA 92411 San Bernardino CONTACT:	REV: 04/16/08 ID1: CAL000287079 ID2: STATUS: ACTIVE PHONE:
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**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created:	10/8/2004 11:22:50 AM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	PO BOX 1037, ALBERTVILLE, AL 35950-0000
Owner Name:	PROGRESS RAIL SERVICES CORP
Owner Address:	PO BOX 1037, ALBERTVILLE, AL 35950
Contact Name:	M.P. VANDEN BERGH/DIR OF ENVTL
Contact Address:	PO BOX 1037, ALBERTVILLE, AL 35950-0000
Contact Phone:	2565056022

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	
Total Tonnage per Year:	0.15

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	Other organic solids
Total Tonnage per Year:	0.592

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 35 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: BNSF RAILWAY COMPANY ADDRESS: 1535 W 4TH ST SAN BERNARDINO CA 92411 San Bernardino CONTACT:	REV: 04/16/08 ID1: CAL000266585 ID2: STATUS: ACTIVE PHONE:
--	---

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created:	2/19/2003 2:15:11 PM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	740 E CARNEGIE DR, SAN BERNARDINO, CA 92408
Owner Name:	BURLINGTON NORTHERN SANTA FE RAILWA
Owner Address:	740 E CARNEGIE DR, SAN BERNARDINO, CA 92408-3571
Contact Name:	E PHILLIPS, MGR. ENV. OPTNS
Contact Address:	740 E CARNEGIE DR, SAN BERNARDINO, CA 92408-3571
Contact Phone:	9093864082

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	Aqueous solution with total organic residues less than 10 percent
Total Tonnage per Year:	2.085

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	Waste oil and mixed oil
Total Tonnage per Year:	0.6255

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 97	DIST/DIR: 0.01 NW	MAP ID: 2
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NAME: SAN BERNARDINO RAILYARD
ADDRESS: 1535 W 4TH ST
SAN BERNARDINO CA 92411
SAN BERNARDINO

REV: 05/30/01
ID1: AST2277
ID2:
STATUS: AST SWRCB REG.8
PHONE:

CONTACT:

Region: 8
Company Name: BURLINGTON NORTHERN and SANTA FE
Company Name 2: RAILWAY CO.

UST

SEARCH ID: 83	DIST/DIR: 0.01 NW	MAP ID: 3
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NAME: EAGLE SYSTEMS
ADDRESS: 1535 4TH ST
SAN BERNARDINO CA 92411
San Bernardino

REV: 10/24/2000
ID1: SANBERDO95038031
ID2:
STATUS: NUMBER OF TANKS
PHONE:

CONTACT: EAGLE SYSTEMS

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:
Permit Number: 9911302151
Permit Category: 222900
Owner Name: EAGLE SYSTEMS
Owner Phone Number:
Owner Address: 1535 4TH ST SAN BERNARDINO, CA 92411

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

ERNS

SEARCH ID: 7 **DIST/DIR:** 0.01 NW **MAP ID:** 4

NAME: BNSF RAIL YARD	REV: 12/31/07
ADDRESS: 1535W 4TH STREET	ID1: NRC-843720
SAN BERNARDINO CA	ID2:
SAN BERNARDINO	STATUS: RAILROAD
CONTACT:	PHONE:

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 7/29/2007 6:49:03 AM	DATE COMPLETE:
CALL TAKER:	CALL TYPE: INC

RESPONSIBLE PARTY:
PHONE 1:
PHONE 2:
PHONE 3:

RESPONSIBLE COMPANY: YELLOW TRANSPORTATION
ORGANIZATION TYPE: PRIVATE ENTERPRISE

ADDRESS:
OVERLAND PARK KS 66211

SOURCE: WEB REPORT

INCIDENT INFORMATION

INCIDENT DESCRIPTION: WEB REPORT ///// YELLOW TRANSPORTATION TRAILER LEAKING ON A BNSF RAIL CAR. THE CAUSE OF THE INCIDENT IS UNKNOWN AT THIS TIME. THE REPORT HAD LIMITED INFORMATION ON THE INCIDENT.

INCIDENT TYPE: RAILROAD	INCIDENT CAUSE: UNKNOWN
INCIDENT DATE: 7/28/2007 10:21:00 PM	INCIDENT DATE DESC:
OCCURRED	

DISTANCE FROM CITY:	DISTANCE UNITS:
DIRECTION FROM CITY:	LOCATION SECTION:
LOCATION TOWNSHIP:	LOCATION RANGE:

AIRCRAFT TYPE:	AIRCRAFT MODEL:
AIRCRAFT ID:	AIRCRAFT FUEL CAPACITY:
AIRCRAFT FUEL CAPACITY UNITS:	AIRCRAFT FUEL ON BOARD:
AIRCRAFT FUEL ON BOARD UNITS:	AIRCRAFT SPOT NUMBER:
AIRCRAFT HANGER:	AIRCRAFT RUNWAY NUM:
ROAD MILE MARKER:	BUILDING ID:
TYPE OF FIXED OBJECT:	POWER GEN FACILITY: U
GENERATING CAPACITY:	TYPE OF FUEL:
NPDES:	NPDES COMPLIANCE: U
PIPELINE TYPE:	DOT REGULATED: U
PIPELINE ABOVE GROUND: ABOVE	EXPOSED UNDERWATER: N
PIPELINE COVERED: U	GRADE CROSSING: N
LOCATION SUBDIVISION:	RAILROAD MILEPOST: N/A
TYPE VEHICLE INVOLVED:	CROSSING DEVICE TYPE:
DEVICE OPERATIONAL: Y	
DOT CROSSING NUMBER:	BRAKE FAILURE: N

- Continued on next page -

JOB: 207573002

- Continued on next page -

JOB: 207573002

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 45 **DIST/DIR:** 0.02 SE **MAP ID:** 5

NAME:	HOLMES ICE and COLD STORAGE	REV:	12/11/01
ADDRESS:	340 N I ST	ID1:	86008956
	SAN BERNARDINO CA 92410	ID2:	
	SAN BERNARDINO	STATUS:	NOT REPORTED
CONTACT:		PHONE:	

Permit Category:
CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.

HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A

Permit Number: 8701260710
Facility Phone: 0000000
Owner Name: HOLMES ICE and COLD STORAGE
Owner Address: 340 N I ST
Owner Address: SAN BERNARDINO CA 92410
Owner Phone: 0000000

Permit Category:
OWNER PAT ONLY 1 STATE FEE.

CALARP STATE FEE. MULTIPLE STATIONARY SOURCES WITH SINGLE

Permit Number: 9504181705
Facility Phone: 0000000
Owner Name: HOLMES ICE and COLD STORAGE
Owner Address: 340 N I ST
Owner Address: SAN BERNARDINO CA 92410
Owner Phone: 0000000

Permit Category:
STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.

Permit Number: 9709099830
Facility Phone: 0000000
Owner Name: HOLMES ICE and COLD STORAGE
Owner Address: 340 N I ST
Owner Address: SAN BERNARDINO CA 92410
Owner Phone: 0000000

Permit Category:
CALARP CUPA FEE-PER STATIONARY SOURCE.

Permit Number: 9806095904
Facility Phone: 0000000
Owner Name: HOLMES ICE and COLD STORAGE
Owner Address: 340 N I ST
Owner Address: SAN BERNARDINO CA 92410
Owner Phone: 0000000

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 72 **DIST/DIR:** 0.02 SE **MAP ID:** 6

NAME:	VERIZON WIRELESS	REV:	02/11/04
ADDRESS:	351 N I ST	ID1:	94031190
	SAN BERNARDINO CA 92910	ID2:	
	SAN BERNARDINO	STATUS:	ACTIVE
CONTACT:		PHONE:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES
Permit Number:	PT0007047
Status:	ACTIVE
Expiration Date:	4/30/2007 12:00:00AM
Facility Phone:	
Owner Name:	VERIZON WIRELESS
Owner Address:	15505 SAND CANYON AVE 15505
Owner Address:	IRVINE CA 92618
Owner Phone:	714 2227000

UST

SEARCH ID: 86 **DIST/DIR:** 0.02 NW **MAP ID:** 7

NAME:	FORD WHOLESALE	REV:	01/01/94
ADDRESS:	1582 4TH	ID1:	TISID-STATE7767
	SAN BERNARDINO CA	ID2:	
	San Bernardino	STATUS:	INACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 80 **DIST/DIR:** 0.02 NW **MAP ID:** 8

NAME: ANITAS MEXICAN FOOD CORP
ADDRESS: 1390 4TH
SAN BERNARDINO CA 92411
San Bernardino

REV: 01/01/94
ID1: TISID-STATE39016
ID2:
STATUS: ACTIVE
PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 28	DIST/DIR: 0.02 NW	MAP ID: 8
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NAME: ANITA S MEXICAN FOOD CORP	REV: 02/11/04
ADDRESS: 1390 W 4TH ST	ID1: 85007569
SAN BERNARDINO CA 92411	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 11-25 EMPLOYEES
Permit Number:	PT0001724
Status:	ACTIVE
Expiration Date:	7/31/2007 12:00:00AM
Facility Phone:	909 8848706
Owner Name:	ANITA S MEXICAN FOOD CORP
Owner Address:	1390 W 4TH ST
Owner Address:	SAN BERNARDINO CA 92411
Owner Phone:	0000000

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 108 **DIST/DIR:** 0.06 SW **MAP ID:** 9

NAME: ATCHISON, TOPEKA and SANTA FE RY
ADDRESS: 1170 3RD ST
SAN BERNARDINO CA 92410
SAN BERNARDINO
CONTACT:
REV: 04/11/08
ID1: T0607100141
ID2:
STATUS: POLLUTION CHARACTERIZATION
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: REGIONAL BOARD
REGIONAL BOARD: 08
LOCAL CASE NUMBER: 90095
RESPONSIBLE PARTY: AT.,TOPEKA, SANTA FE RAILWAY
ADDRESS OF RESPONSIBLE PARTY: ONE SANTA FE PLAZE, 5200 E. SHEILA ST., L.A. 90040
SITE OPERATOR:
WATER SYSTEM:

CASE NUMBER: 083601230T
CASE TYPE: AQUIFER AFFECTED
SUBSTANCE LEAKED: SOLVENTS
SUBSTANCE QUANTITY:
LEAK CAUSE: UNKNOWN
LEAK SOURCE: UNKNOWN
HOW LEAK WAS DISCOVERED: TANK CLOSURE
DATE DISCOVERED (blank if not reported): 1989-05-18 00:00:00
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported): 1989-05-18 00:00:00
STATUS: POLLUTION CHARACTERIZATION
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency): NONE TAKEN
DATE OF ENFORCEMENT (blank if not reported): 1965-01-01 00:00:00

ENTER DATE (blank if not reported): 1989-09-05 00:00:00
REVIEW DATE (blank if not reported): 1996-10-04 00:00:00
DATE OF LEAK CONFIRMATION (blank if not reported):
DATE PRELIMINARY SITE ASSESSMENT PLAN WAS SUBMITTED (blank if not reported):
DATE PRELIMINARY SITE ASSESSMENT PLAN BEGAN (blank if not reported): 1989-07-26 00:00:00
DATE POLLUTION CHARACTERIZATION PLAN BEGAN (blank if not reported): 1989-07-26 00:00:00
DATE REMEDIATION PLAN WAS SUBMITTED (blank if not reported):
DATE REMEDIAL ACTION UNDERWAY (blank if not reported):
DATE POST REMEDIAL ACTION MONITORING BEGAN (blank if not reported):
DATE CLOSURE LETTER ISSUED (SITE CLOSED) (blank if not reported):
REPORT DATE (blank if not reported): 1989-05-25 00:00:00

MTBE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

MTBE DATE(Date of historical maximum MTBE concentration):
MTBE GROUNDWATER CONCENTRATION (parts per billion):
MTBE SOIL CONCENTRATION (parts per million):
MTBE CNTS: 0
MTBE FUEL: 0
MTBE TESTED: NOT REQUIRED TO BE TESTED
MTBE CLASS: *

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 18 **DIST/DIR:** 0.07 NE **MAP ID:** 10

NAME: GW INVESTIGATION	REV: 07/03/00
ADDRESS: 1260 WEST 3RD ST	ID1: WMUD8 362299N01
SAN BERNARDINO CA 92407	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

WMUDS FACILITY INFORMATION (blank = not reported)

Regional ID :

NPDES ID :

Region: 8

Edit Date:

Last Edit:

Waste Discharger Facility: Yes

Sub Chapter 15 Facility: Yes

Solid Waste Assessment Test Site: No

Toxic Pits Cleanup Act Facility: No

RCRA Facility: Yes

Department of Defense Facility: No

Municipal Solid Waste Facility: No

Total WMUS at Facility: 1

Facility Open to the Public: No

Facility Type: IND

SIC 1 and SIC 2: /

Primary Waste Type: DESIGNATED: CONTAMINATED GROUNDWATER

Secondary Waste Type:

Tons Per Day:

Complexity:

LAND OWNER INFORMATION

Land Owner:

Department:

Contact and Phone: ,

Land Owner Address: , ,

AGENCY INFORMATION

Agency Name: ATCHISON, TOPEKA, and SANTA FE RR

Department:

Agency Contact and Phone: DAVE CLARK,

WASTE MANAGEMENT UNIT INFORMATION (blank = not reported)

WMU ID : 8 362299N01-01

WMU Status:

WMU Size in Acres:

Year WMU Will Reach Capacity:

Close Plan: 0

Avg Depth to Groundwater: 0

Primary Liner Present: 0

ENFORCEMENT INFORMATION (blank = not reported)

Reportable Enforcement: NO

Type of Enforcement Action: Clean-up and Abatement Order

Enforcement Status: Active Order

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 18	DIST/DIR: 0.07 NE	MAP ID: 10
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NAME: GW INVESTIGATION ADDRESS: 1260 WEST 3RD ST SAN BERNARDINO CA 92407 SAN BERNARDINO CONTACT:	REV: 07/03/00 ID1: WMUD8 362299N01 ID2: STATUS: ACTIVE PHONE:
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Effective Date of Enforcement Action:	7/8/88
Enforcement Order Number:	88-080

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SPILLS

SEARCH ID: 15 **DIST/DIR:** 0.07 SW **MAP ID:** 11

NAME: ATCHISON, TOPEKA and SANTA FE RY
ADDRESS: 1170 W 3RD ST
SAN BERNARDINO CA 92410
SAN BERNARDINO

REV: 05/22/09
ID1: G_T0607100141
ID2:
STATUS: OPEN - SITE ASSESSMENT
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD GEOTRACKER SLIC DATABASE

Please note that some SLIC data previously provided by the State Water Resources Control Board via the Regional Boards is not currently provided by the agency in the new GEOTRACKER format. To ensure that our data is as complete as possible we have retained the original Regional Boards SLIC records as well as loaded all GEOTRACKER SLIC listings. GEOTRACKER records are distinguished by an initial G at the start of the ID.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083601230T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 90095
CASE TYPE: Cleanup Program Site
STATUS: Open - Site Assessment
STATUS DATE: 1989-07-26
POTENTIAL CONTAMINANTS OF CONCERN: * Solvents
POTENTIAL MEDIA AFFECTED: Aquifer used for drinking water supply
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01 00:00:00
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01 00:00:00
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01 00:00:00
ACTION (blank if not reported): Leak Stopped

CONTACT TYPE: Regional Board Caseworker
CONTACT NAME: MANECK G. CHICHGAR
ORGANIZATION NAME: SANTA ANA RWQCB (REGION 8)
CONTACT ADDRESS: 3737 MAIN STREET, Suite 500
CONTACT CITY: RIVERSIDE
CONTACT EMAIL: mchichgar.waterboards.ca.gov
CONTACT PHONE NUMBER:

CONTACT TYPE: Local Agency Caseworker
CONTACT NAME: CATHERINE RICHARDS
ORGANIZATION NAME: SAN BERNARDINO COUNTY LOP
CONTACT ADDRESS: 620 SOUTH E STREET
CONTACT CITY: SAN BERNARDINO
CONTACT EMAIL: crichards.sbcfire.org
CONTACT PHONE NUMBER: 9093868419

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 73 **DIST/DIR:** 0.07 SW **MAP ID:** 12

NAME: VERIZON-SAN BDNO CENTRAL **REV:** 02/11/04
ADDRESS: 1320 KING ST **ID1:** 86008940
SAN BERNARDINO CA 92408 **ID2:**
SAN BERNARDINO **STATUS:** ACTIVE
CONTACT: **PHONE:**

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
Permit Number: PT0002278
Status: ACTIVE
Expiration Date: 10/31/2006 12:00:00AM
Facility Phone: 619 2450414
Owner Name: VERIZON CALIFORNIA INC
Owner Address: P O BOX 725
Owner Address: CHINO CA 91708
Owner Phone: 800 3318891

UST

SEARCH ID: 98 **DIST/DIR:** 0.07 SW **MAP ID:** 12

NAME: SAN BERNARDINO TOLL BLDG **REV:** 01/01/94
ADDRESS: 1320 KING **ID1:** TISID-STATE38795
SAN BERNARDINO CA 92410 **ID2:**
San Bernardino **STATUS:** ACTIVE
CONTACT: **PHONE:**

UST HISTORICAL DATA

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***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 51	DIST/DIR: 0.08 N-	MAP ID: 13
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NAME: LASALLE MEDICAL ASSOCIATES
ADDRESS: 565 N MT VERNON AVE
SAN BERNARDINO CA 92411
San Bernardino

REV: 04/16/08
ID1: CAL000283084
ID2:
STATUS: ACTIVE
PHONE:

CONTACT:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created: 6/14/2004 2:29:58 PM

Inactivity Date:

Facility Mail Name:

Facility Mailing Address:

Owner Name:

Owner Address:

Contact Name:

Contact Address:

Contact Phone:

565 N MT VERNON AVE, SAN BERNARDINO, CA 92411
DR ALBERT ARTEAGA
685 CARNEGIE DR STE 230, SAN BERNARDINO, CA 92408
BARBARA GRABER
565 N MT VERNON AVE, SAN BERNARDINO, CA 92411
9093808016

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type: Unspecified organic liquid mixture

Total Tonnage per Year: 0.04

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 32	DIST/DIR: 0.09 SE	MAP ID: 14
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NAME: BIG Z AUTOWORKS INC ADDRESS: 274 N I ST SAN BERNARDINO CA 92410 San Bernardino	REV: 04/16/08 ID1: CAL000288705 ID2: STATUS: ACTIVE PHONE:
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**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created:	12/6/2004 1:56:26 PM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	274 N I ST, SAN BERNARDINO, CA 92410
Owner Name:	JASON DES JARDINS
Owner Address:	274 NORTH I ST, SAN BERNARDINO, CA 92410-0000
Contact Name:	JASON DES JARDINS
Contact Address:	274 N I ST, SAN BERNARDINO, CA 92410-0000
Contact Phone:	9098899655

JOB: 207573002

Permit Category:	<i>SPECIAL GENERATOR(B)</i>
Permit Number:	<i>PT0001314</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>7/31/2007 12:00:00AM</i>
Facility Phone:	<i>909 8899655</i>
Owner Name:	<i>WELLS, BOB</i>
Owner Address:	<i>274 N I ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92410</i>
Owner Phone:	<i>909 8899655</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 54 **DIST/DIR:** 0.10 SW **MAP ID:** 15

NAME: M and M GENERATORS	REV: 02/11/04
ADDRESS: 121 N MT VERNON AVE	ID1: 86010708
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)
Permit Number:	PT0002808
Status:	ACTIVE
Expiration Date:	9/30/2007 12:00:00AM
Facility Phone:	909 8880907
Owner Name:	CARDENAS, JESUS and RITA
Owner Address:	121 N MT VERNON AVE
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	909 8880907

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	GENERATOR - 0-10 EMPLOYEES
Permit Number:	PT0002809
Status:	ACTIVE
Expiration Date:	9/30/2007 12:00:00AM
Facility Phone:	909 8880907
Owner Name:	CARDENAS, JESUS and RITA
Owner Address:	121 N MT VERNON AVE
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	909 8880907

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 21	DIST/DIR: 0.11 NW	MAP ID: 16
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NAME: WEST 5TH STREET WASTE TIRE SITE ADDRESS: 1545 WEST 5TH STREET SAN BERNARDINO CA SAN BERNARDINO CONTACT:	REV: 01/12/98 ID1: SWIS36-TI-0535 ID2: STATUS: ABANDONED PHONE:
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Activity: *Waste Tire Location*
Accepted Waste:
Operational Status: *Clean Closed*
Regulatory Status: *Not Currently Regulated*
Closure Date:
Closure Type:
Permitted Throughput with Units: *0 Tires*
Permitted Capacity with Units: *0*
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: *0*
Permitted Disposal Acreage:
Last Tire Inspection Count: *0*
Last Tire Inspection Count Date: *1/23/1996*
Original Tire Inspection Count: *0*
Last Tire Inspection Count Date:
Inspection Frequency: *None*

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 53 **DIST/DIR:** 0.13 NE **MAP ID:** 17

NAME: LUIS AUTO CENTER	REV: 02/11/04
ADDRESS: 1196 W 5TH ST	ID1: 95036484
SAN BERNARDINO CA 92411	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL HANDLER</i>
Permit Number:	<i>PT0007711</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>5/31/2007 12:00:00AM</i>
Facility Phone:	
Owner Name:	<i>LUIS AUTO CENTER</i>
Owner Address:	<i>1196 W 5TH ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92411</i>
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL GENERATOR(B)</i>
Permit Number:	<i>PT0007712</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>5/31/2007 12:00:00AM</i>
Facility Phone:	
Owner Name:	<i>LUIS AUTO CENTER</i>
Owner Address:	<i>1196 W 5TH ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92411</i>
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 37 **DIST/DIR:** 0.13 SW **MAP ID:** 18

NAME: DOSKOCIL INDUSTRIES INC	REV: 02/11/04
ADDRESS: 1324 W RIALTO AVE	ID1: 95036002
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES
Permit Number:	PT0007535
Status:	ACTIVE
Expiration Date:	5/31/2007 12:00:00AM
Facility Phone:	909 8850988
Owner Name:	DOSKOCIL INDUSTRIES INC
Owner Address:	1324 W RIALTO AVE
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	

PERMITS

SEARCH ID: 55 **DIST/DIR:** 0.13 SE **MAP ID:** 19

NAME: MANUELS TIRE WHEEL and AUTO	REV: 04/16/08
ADDRESS: 101 S MOUNT VERNON AVE	ID1: CAL000322178
SAN BERNARDINO CA 92410	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	7/12/2007 4:16:29 PM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	101 S MOUNT VERNON AVE, SAN BERNARDINO, CA 92410-2420
Owner Name:	MANUEL PEREZ
Owner Address:	18110 CUMMINGS ST, FONTANA, CA 92336-2381
Contact Name:	MANUEL PEREZ
Contact Address:	18110 CUMMINGS ST, FONTANA, CA 92336-2381
Contact Phone:	9093813478

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 57 **DIST/DIR:** 0.14 NE **MAP ID:** 20

NAME: MUNICIPAL TRANSMISSION	REV: 02/11/04
ADDRESS: 1188 W 5TH ST	ID1: 00048715
SAN BERNARDINO CA 92411	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	LIMITED QUANTITY GENERATOR(B)
Permit Number:	PT0001053
Status:	ACTIVE
Expiration Date:	9/30/2007 12:00:00AM
Facility Phone:	909 8889974
Owner Name:	MUNICIPAL TRANSMISSION
Owner Address:	1188 W 5TH ST
Owner Address:	SAN BERNARDINO CA 92411
Owner Phone:	909 8889974

PERMITS

SEARCH ID: 58 **DIST/DIR:** 0.14 NE **MAP ID:** 20

NAME: MUNICIPAL TRANSMISSION	REV: 04/16/08
ADDRESS: 1188 W 5TH ST	ID1: CAL000330987
SAN BERNARDINO CA 92411	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created:	3/24/2008 3:41:49 PM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	1188 W 5TH ST, SAN BERNARDINO, CA 92411-2758
Owner Name:	BENJAMIN MENDEZ
Owner Address:	1214 N 10TH ST, COLTON, CA 92324-2450
Contact Name:	OSCAR MENDEZ
Contact Address:	1188 W 5TH ST, SAN BERNARDINO, CA 92411-2758
Contact Phone:	9098882874

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 76	DIST/DIR: 0.14 SE	MAP ID: 21
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NAME: ABANDONED UST (FAIRVIEW FORD)
ADDRESS: 808 W THIRD ST
SAN BERNARDINO CA 92410
SAN BERNARDINO
CONTACT: FAIRVIEW FORD SALES, INC.

REV: 06/03/2003
ID1: SANBERDOPT0013366
ID2:
STATUS:
PHONE:

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 06/03/03

Number of Tanks:	
Permit Category:	
Permit Number:	PT0013366
Description:	UST Ownership/Operating Permit (per UST)
Status:	INACTIVE
Expiration Date:	4/30/2003
Owner Name:	FAIRVIEW FORD SALES, INC.
Owner Phone Number:	
Owner Address:	,

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 40	DIST/DIR: 0.14 NE	MAP ID: 22
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NAME: EL CABALLO MUFFLER and RADIATOR
ADDRESS: 1013 W 5TH ST
SAN BERNARDINO CA 92411
San Bernardino

REV: 09/26/06
ID1: FA0009141
ID2:
STATUS: ACTIVE
PHONE:

CONTACT:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES
Permit Number:	PT0015237
Status:	ACTIVE
Expiration Date:	10/31/2006 12:00:00AM
Facility Phone:	
Owner Name:	LOPEZ, HECTOR MORALES
Owner Address:	
Owner Address:	
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 36 **DIST/DIR:** 0.14 SW **MAP ID:** 23

NAME: DOSKOCIL INDUSTRIES	REV: 04/16/08
ADDRESS: 1324 RIALTO AVENUE	ID1: CAL000152671
SAN BERNARDINO CA 92410	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	12/2/1996
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	1324 W RIALTO AVE, SAN BERNARDINO, CA 92410-1611
Owner Name:	DAVID DOSKOCIL
Owner Address:	1324 W RIALTO AVE, SAN BERNARDINO, CA 92410-1611
Contact Name:	DAVID DOSKOCIL PLANT MANAGER
Contact Address:	1324 W RIALTO AVE, SAN BERNARDINO, CA 92410-1611
Contact Phone:	9098850988

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2007:

2007 Waste Type:
2007 Total Tonnage:
2006 Waste Type:
2006 Total Tonnage:
2005 Waste Type:
2005 Total Tonnage:
2004 Waste Type:
2004 Total Tonnage:
2003 Waste Type:
2003 Total Tonnage:
2002 Waste Type:
2002 Total Tonnage:
2001 Waste Type:
2001 Total Tonnage:
2000 Waste Type:
2000 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:	Unspecified solvent mixture
1999 Total Tonnage:	0.1876
1998 Waste Type:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
1998 Total Tonnage:	0.688
1997 Waste Type:	
1997 Total Tonnage:	
1996 Waste Type:	Unspecified solvent mixture
1996 Total Tonnage:	0.2293
1995 Waste Type:	
1995 Total Tonnage:	
1994 Waste Type:	
1994 Total Tonnage:	
1993 Waste Type:	
1993 Total Tonnage:	

JOB: 207573002

Contact Phone: 9098895224

Number of Tanks:	3
Permit Number:	0001112428
Permit Category:	222800
Owner Name:	EDITH WOOD
Owner Phone Number:	
Owner Address:	0 P.O. BOX 340 YUCAIPA, CA 92390340

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 81 **DIST/DIR:** 0.14 NW **MAP ID:** 25

NAME:	C-STAR	REV:	01/01/94
ADDRESS:	1545 5TH	ID1:	TISID-STATE38910
	SAN BERNARDINO CA 92410	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 82 **DIST/DIR:** 0.14 NW **MAP ID:** 25

NAME:	C-STAR SERVICE STATION	REV:	07/06/2000
ADDRESS:	1545 W 5TH ST	ID1:	SANBERDO86009551
	SAN BERNARDINO CA 92410	ID2:	
	San Bernardino	STATUS:	NUM OF TANKS: 3
CONTACT:	WOOD, EDITH	PHONE:	909 6836930

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 07/04/01

Number of Tanks:	3
Permit Category:	222800
Owner Name:	WOOD, EDITH
Owner Phone Number:	
Owner Address:	0 P O BOX 340 YUCAIPA, CA 923990000

UST

SEARCH ID: 99 **DIST/DIR:** 0.14 NE **MAP ID:** 26

NAME:	SANTA FE RAILWAY COMPANY	REV:	01/01/94
ADDRESS:	470 L	ID1:	TISID-STATE40457
	SAN BERNARDINO CA 92411	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

JOB: 207573002

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 41	DIST/DIR: 0.15 NE	MAP ID: 27
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NAME: EL CABALLO MUFFLER SHOP
ADDRESS: 1013 W 5TH ST
SAN BERNARDINO CA 92411
San Bernardino

REV: 04/16/08
ID1: CAL000286867
ID2:
STATUS: ACTIVE
PHONE:

CONTACT:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created: 9/30/2004 10:52:36 AM

Inactivity Date:

Facility Mail Name:

Facility Mailing Address:

Owner Name:

Owner Address:

Contact Name:

Contact Address:

Contact Phone:

1013 W 5TH STREET, SAN BERNARDINO, CA 92411
HECTOR MORALES LOPEZ
1119 W 5TH ST, SAN BERNARDINO, CA 92411
HECTOR MORALES LOPEZ
1013 W 5TH ST, SAN BERNARDINO, CA 92411
9098857129

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 25 **DIST/DIR:** 0.15 NW **MAP ID:** 28

NAME: AIR LINE TAXI INC ADDRESS: 1510 W 5TH ST SAN BERNARDINO CA 92411 San Bernardino CONTACT:	REV: 04/16/08 ID1: CAD982327413 ID2: STATUS: INACTIVE PHONE:
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THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	6/17/1988
Inactivity Date:	6/30/1998
Facility Mail Name:	
Facility Mailing Address:	1510 W 5TH ST, SAN BERNARDINO, CA 92411-2504
Owner Name:	AIR LINE TAXI INC
Owner Address:	1510 W 5TH ST, SAN BERNARDINO, CA 92411-0000
Contact Name:	
Contact Address:	, ,
Contact Phone:	

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:	Aqueous solution with total organic residues less than 10 percent
1999 Total Tonnage:	8.34
1998 Waste Type:	Tank bottom waste
1998 Total Tonnage:	0.417
1997 Waste Type:	Oil/water separation sludge
1997 Total Tonnage:	8.4692
1996 Waste Type:	
1996 Total Tonnage:	
1995 Waste Type:	
1995 Total Tonnage:	
1994 Waste Type:	
1994 Total Tonnage:	
1993 Waste Type:	
1993 Total Tonnage:	

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2007:

2007 Waste Type:	Unspecified oil-containing waste
2007 Total Tonnage:	0.6255
2006 Waste Type:	Unspecified oil-containing waste
2006 Total Tonnage:	0.1
2005 Waste Type:	Oil/water separation sludge
2005 Total Tonnage:	0.39
2004 Waste Type:	Unspecified oil-containing waste
2004 Total Tonnage:	0.1
2003 Waste Type:	Oil/water separation sludge
2003 Total Tonnage:	7.5
2002 Waste Type:	Aqueous solution with total organic residues less than 10 percent
2002 Total Tonnage:	0.37
2001 Waste Type:	Aqueous solution with total organic residues less than 10 percent
2001 Total Tonnage:	0.3
2000 Waste Type:	Aqueous solution with total organic residues less than 10 percent
2000 Total Tonnage:	0.46

JOB: 207573002

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 102 **DIST/DIR:** 0.15 NW **MAP ID:** 28

NAME:	YELLOW CAB CO. INC.	REV:	01/01/94
ADDRESS:	1510 5TH	ID1:	TISID-STATE40410
	SAN BERNARDINO CA 92411	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 101

DIST/DIR: 0.15 NW

MAP ID: 28

NAME: YELLOW CAB CO OF SB

REV: 10/24/2000

ADDRESS: 1510 W 5TH ST
SAN BERNARDINO CA 92411
San Bernardino

ID1: SANBERDO86009552

ID2:

CONTACT: YELLOW CAB CO OF SB

STATUS: NUMBER OF TANKS
PHONE: 909 8841114

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:

Permit Number: 9911302171

Permit Category: 222900

Owner Name: YELLOW CAB CO OF SB

Owner Phone Number: 909 8841114

Owner Address: 1510 W 5TH ST SAN BERNARDINO, CA 92411

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

RCRAGN

SEARCH ID: 2	DIST/DIR: 0.15 NE	MAP ID: 29
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NAME: ALL AMERICAN and IMPORT AUTO
ADDRESS: 1075 W 5TH ST
SAN BERNARDINO CA 92411
SAN BERNARDINO
CONTACT: ENVIRONMENTAL MANAGER

REV: 5/13/09
ID1: CAD981628571
ID2:
STATUS: SGN
PHONE: 7148846493

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
1075 W 5TH ST
SAN BERNARDINO CA 92411

PHONE: 7148846493

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

JOB: 207573002

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 96 **DIST/DIR:** 0.15 NE **MAP ID:** 30

NAME: SAHARA KMD INT L	REV: 02/09/2000
ADDRESS: 1015 W 5TH ST	ID1: SANBERDO89017813
SAN BERNARDINO CA 92411	ID2:
SAN BERNARDINO	STATUS: NUM OF TANKS: 1
CONTACT: SAHARA KMD INT L	PHONE: 909 8851918

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	1
Permit Number:	8903170071
Permit Category:	222800
Owner Name:	SAHARA KMD INT L
Owner Phone Number:	
Owner Address:	1015 W 5TH ST SAN BERNARDINO, CA 92411

PERMITS

SEARCH ID: 29 **DIST/DIR:** 0.15 NE **MAP ID:** 30

NAME: ARS MEKAMOTO JAPANS ENGINE AND TRANS	REV: 04/16/08
ADDRESS: 1015 W 5TH ST	ID1: CAL000290235
SAN BERNARDINO CA 92411	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created:	1/12/2005 9:54:47 AM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	1015 W 5TH ST, SAN BERNARDINO, CA 92411
Owner Name:	ARS NEKAMOTO JAPANS ENGINE and
Owner Address:	1015 W 5TH ST, SAN BERNARDINO, CA 92411-0000
Contact Name:	OMAR MEHDI
Contact Address:	1015 W 5TH ST, SAN BERNARDINO, CA 92411
Contact Phone:	9098851918

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 17 **DIST/DIR:** 0.15 N- **MAP ID:** 31

NAME: G and M GENERAL MECHANICAL ADDRESS: 647 NORTH MOUNT VERNON AVE. SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 01/19/05 ID1: SWIS36-TI-1488 ID2: STATUS: ACTIVE PHONE:
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SITE OPERATOR INFORMATION:

SITE OPERATOR INFORMATION:

Operator: Mr. Hilario Guzman
Operator Address: 647 North Mount Vernon Ave. San Bernardino CA 92411
Permit Date:
Permit Status:
Land Use Name: Urban, Commercial
GIS Source for LAT and LONG: Map

Operator: Mr. Hilario Guzman
Operator Address: 647 North Mount Vernon Ave. San Bernardino CA 92411
Permit Date:
Permit Status:
Land Use Name: Urban, Commercial
GIS Source for LAT and LONG: Map

SITE ACTIVITY INFORMATION:

SITE ACTIVITY INFORMATION:

Activity: Tire Dealer
Accepted Waste: Tires
Operational Status: Active
Regulatory Status: Excluded
Closure Date:
Closure Type:
Permitted Throughput with Units: Tires
Permitted Capacity with Units:
Remaining Capacity with Units (landfills only):
Permitted Total Acreage:
Permitted Disposal Acreage:
Last Tire Inspection Count:
Last Tire Inspection Count Date:
Original Tire Inspection Count: 400
Last Tire Inspection Count Date: 11/20/2002
Inspection Frequency: None

Activity: Tire Dealer
Accepted Waste: Tires
Operational Status: Active
Regulatory Status: Excluded
Closure Date:
Closure Type:
Permitted Throughput with Units: Tires
Permitted Capacity with Units:
Remaining Capacity with Units (landfills only):
Permitted Total Acreage:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 17	DIST/DIR: 0.15 N-	MAP ID: 31
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NAME: G and M GENERAL MECHANICAL ADDRESS: 647 NORTH MOUNT VERNON AVE. SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 01/19/05 ID1: SWIS36-TI-1488 ID2: STATUS: ACTIVE PHONE:
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Permitted Disposal Acreage:
Last Tire Inspection Count:
Last Tire Inspection Count Date:
Original Tire Inspection Count: 400
Last Tire Inspection Count Date: 11/20/2002
Inspection Frequency: None

SITE OWNER INFORMATION:

SITE OWNER INFORMATION:

Owner: Mr. Hilario Guzman
Owner Phone: 9098845721
Owner Address: 647 North Mount Vernon Ave.

Owner: Mr. Hilario Guzman
Owner Phone: 9098845721
Owner Address: 647 North Mount Vernon Ave.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 70 **DIST/DIR:** 0.16 NE **MAP ID:** 32

NAME: SUNWEST PRINTING, INC. ADDRESS: 390 N H ST SAN BERNARDINO CA 92410 SAN BERNARDINO	REV: 02/11/04 ID1: 00048979 ID2: STATUS: ACTIVE PHONE:
CONTACT:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	CE ANNUAL FEE
Permit Number:	PT0000192
Status:	ACTIVE
Expiration Date:	7/31/2007 12:00:00AM
Facility Phone:	909 8895848
Owner Name:	JOHN V. LOPEZ
Owner Address:	390 N H ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	LIMITED QUANTITY GENERATOR(B)
Permit Number:	PT0000201
Status:	ACTIVE
Expiration Date:	7/31/2007 12:00:00AM
Facility Phone:	909 8895848
Owner Name:	JOHN V. LOPEZ
Owner Address:	390 N H ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 69 **DIST/DIR:** 0.16 NE **MAP ID:** 32

NAME: SUNWEST PRINTING	REV: 04/16/08
ADDRESS: 390 N H ST	ID1: CAL000183219
SAN BERNARDINO CA 92410	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: 9/14/2000

Inactivity Date:

Facility Mail Name:

Facility Mailing Address: 390 N H ST, SAN BERNARDINO, CA 92410-0000

Owner Name: JOHN LOPEZ

Owner Address: 390 N H ST, SAN BERNARDINO, CA 92410-0000

Contact Name: JOHN LOPEZ - OWNER

Contact Address: 390 N H ST, SAN BERNARDINO, CA 92410-0000

Contact Phone: 9098857599

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:
1999 Total Tonnage:
1998 Waste Type:
1998 Total Tonnage:
1997 Waste Type:
1997 Total Tonnage:
1996 Waste Type:
1996 Total Tonnage:
1995 Waste Type:
1995 Total Tonnage:
1994 Waste Type:
1994 Total Tonnage:
1993 Waste Type:
1993 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2007:

2007 Waste Type: Other organic solids
2007 Total Tonnage: 0.15
2006 Waste Type: Other organic solids
2006 Total Tonnage: 0.06
2005 Waste Type:
2005 Total Tonnage:
2004 Waste Type:
2004 Total Tonnage:
2003 Waste Type:
2003 Total Tonnage:
2002 Waste Type:
2002 Total Tonnage:
2001 Waste Type:
2001 Total Tonnage:
2000 Waste Type:
2000 Total Tonnage:

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 16	DIST/DIR: 0.16 NE	MAP ID: 33
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NAME: COLIMA TIRE ADDRESS: 1098 WEST 5TH STREET SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 01/19/05 ID1: SWIS36-TI-0575 ID2: STATUS: ACTIVE PHONE:
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SITE OPERATOR INFORMATION:

SITE OPERATOR INFORMATION:

Operator: Colima Tire
Operator Address: 1098 West 5th Street San Bernardino CA 92411
Permit Date:
Permit Status:
Land Use Name: Residential, Commercial
GIS Source for LAT and LONG: Map

Operator: Colima Tire
Operator Address: 1098 West 5th Street San Bernardino CA 92411
Permit Date:
Permit Status:
Land Use Name: Residential, Commercial
GIS Source for LAT and LONG: Map

SITE ACTIVITY INFORMATION:

SITE ACTIVITY INFORMATION:

Activity: Tire Dealer
Accepted Waste: Tires, Passenger
Operational Status: Active
Regulatory Status: Excluded
Closure Date:
Closure Type:
Permitted Throughput with Units: 1500 Tires
Permitted Capacity with Units: 0
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: 0
Permitted Disposal Acreage:
Last Tire Inspection Count: 0
Last Tire Inspection Count Date: 6/12/1996
Original Tire Inspection Count: 1001
Last Tire Inspection Count Date: 10/1/1999
Inspection Frequency: 30 Months

Activity: Tire Dealer
Accepted Waste: Tires, Passenger
Operational Status: Active
Regulatory Status: Excluded
Closure Date:
Closure Type:
Permitted Throughput with Units: 1500 Tires
Permitted Capacity with Units: 0
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: 0

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 16	DIST/DIR: 0.16 NE	MAP ID: 33
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NAME: COLIMA TIRE ADDRESS: 1098 WEST 5TH STREET SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 01/19/05 ID1: SWIS36-TI-0575 ID2: STATUS: ACTIVE PHONE:
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Permitted Disposal Acreage:

Last Tire Inspection Count: 0
Last Tire Inspection Count Date: 6/12/1996
Original Tire Inspection Count: 1001
Last Tire Inspection Count Date: 10/1/1999
Inspection Frequency: 30 Months

SITE OWNER INFORMATION:

SITE OWNER INFORMATION:

Owner: Peters, Maurice
Owner Phone: 9098897866
Owner Address: 1098 West 5th Street

Owner: Peters, Maurice
Owner Phone: 9098897866
Owner Address: 1098 West 5th Street

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 19	DIST/DIR: 0.16 NW	MAP ID: 34
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NAME: KORITAS TIRE'S ADDRESS: 1632 WEST 5TH ST. SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 01/19/05 ID1: SWIS36-TI-0828 ID2: STATUS: TO BE DETERMINED PHONE:
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SITE OPERATOR INFORMATION:

SITE OPERATOR INFORMATION:

Operator: Koritas Tire s
Operator Address: 1632 West 5th Street San Bernardino CA 92411
Permit Date:
Permit Status:
Land Use Name:
GIS Source for LAT and LONG: Map

Operator: Koritas Tire s
Operator Address: 1632 West 5th Street San Bernardino CA 92411
Permit Date:
Permit Status:
Land Use Name:
GIS Source for LAT and LONG: Map

SITE ACTIVITY INFORMATION:

SITE ACTIVITY INFORMATION:

Activity: Waste Tire Location
Accepted Waste:
Operational Status: To Be Determined
Regulatory Status: To Be Determined
Closure Date:
Closure Type:
Permitted Throughput with Units: 0
Permitted Capacity with Units: 0
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: 0
Permitted Disposal Acreage:
Last Tire Inspection Count: 0
Last Tire Inspection Count Date:
Original Tire Inspection Count: 0
Last Tire Inspection Count Date:
Inspection Frequency: None

Activity: Waste Tire Location
Accepted Waste:
Operational Status: To Be Determined
Regulatory Status: To Be Determined
Closure Date:
Closure Type:
Permitted Throughput with Units: 0
Permitted Capacity with Units: 0
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: 0

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 19	DIST/DIR: 0.16 NW	MAP ID: 34
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NAME: KORITAS TIRE'S ADDRESS: 1632 WEST 5TH ST. SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 01/19/05 ID1: SWIS36-TI-0828 ID2: STATUS: TO BE DETERMINED PHONE:
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Permitted Disposal Acreage:
Last Tire Inspection Count: 0
Last Tire Inspection Count Date:
Original Tire Inspection Count: 0
Last Tire Inspection Count Date:
Inspection Frequency: None

SITE OWNER INFORMATION:

SITE OWNER INFORMATION:

JOB: 207573002

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 77 **DIST/DIR:** 0.16 NE **MAP ID:** 35

NAME:	ABANDONED USTS	REV:	04/03/2002
ADDRESS:	1098 W 5TH ST	ID1:	SANBERDO93030596
	SAN BERNARDINO CA 92411	ID2:	
	SAN BERNARDINO	STATUS:	
CONTACT:	PETERS, MAURICE	PHONE:	

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	4
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0010396
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	10/31/1993
Owner Name:	PETERS, MAURICE ROBERT JR.
Owner Phone Number:	
Owner Address:	1098 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	4
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0010397
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	10/31/1993
Owner Name:	PETERS, MAURICE ROBERT JR.
Owner Phone Number:	
Owner Address:	1098 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	4
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0010398
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	10/31/1993
Owner Name:	PETERS, MAURICE ROBERT JR.
Owner Phone Number:	
Owner Address:	1098 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 77	DIST/DIR: 0.16 NE	MAP ID: 35
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NAME: ABANDONED USTS ADDRESS: 1098 W 5TH ST SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT: PETERS, MAURICE	REV: 04/03/2002 ID1: SANBERDO93030596 ID2: STATUS: PHONE:
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According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	4
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0010399
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	10/31/1993
Owner Name:	PETERS, MAURICE ROBERT JR.
Owner Phone Number:	
Owner Address:	1098 W 5TH ST SAN BERNARDINO, CA 92411

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 48	DIST/DIR: 0.16 N-	MAP ID: 36
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NAME: JULIOS AUTO PARTS INC ADDRESS: 630 N MOUNT VERNON AVE SAN BERNARDINO CA 92411 San Bernardino CONTACT:	REV: 04/16/08 ID1: CAL000329516 ID2: STATUS: ACTIVE PHONE:
--	---

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	2/6/2008 3:07:38 PM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	630 N MOUNT VERNON AVE, SAN BERNARDINO, CA 92411-2604
Owner Name:	JULIOS AUTO PARTS INC
Owner Address:	630 N MOUNT VERNON AVE, SAN BERNARDINO, CA 92411-2604
Contact Name:	ADOLFO MURILLO
Contact Address:	9340 HOLLIS ST, BLOOMINGTON, CA 92316-1447
Contact Phone:	9513776724

UST

SEARCH ID: 75	DIST/DIR: 0.17 NW	MAP ID: 37
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NAME: 5TH AVE. TIRE and MINI MART ADDRESS: 1632 5TH SAN BERNARDINO CA 92411 San Bernardino CONTACT:	REV: 01/01/94 ID1: TISID-STATE40521 ID2: STATUS: ACTIVE PHONE:
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UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

RCRAGN

SEARCH ID: 3	DIST/DIR: 0.17 N-	MAP ID: 38
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NAME: BELL CLEANERS ADDRESS: 631 N. MT VERNON AVENUE SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT:	REV: 5/13/09 ID1: CAD081157901 ID2: STATUS: SGN PHONE:
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SITE INFORMATION

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 66 **DIST/DIR:** 0.18 SE **MAP ID:** 39

NAME: PRECISION AUTOMOTIVE and TRANS
ADDRESS: 909 W 2ND ST
SAN BERNARDINO CA 92410
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0010021
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: LIMITED QUANTITY GENERATOR(B)
Permit Number: PT0017151
Status: ACTIVE
Expiration Date: 10/31/2006 12:00:00AM
Facility Phone:
Owner Name: VILLALOBOS, GEORGE
Owner Address:
Owner Address:
Owner Phone:

UST

SEARCH ID: 91 **DIST/DIR:** 0.18 SE **MAP ID:** 39

NAME: MOTOR CAR COMPANY
ADDRESS: 909 2ND
SAN BERNARDINO CA 92410
San Bernardino
CONTACT:

REV: 01/01/94
ID1: TISID-STATE39214
ID2:
STATUS: ACTIVE
PHONE:

UST HISTORICAL DATA

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Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 65 **DIST/DIR:** 0.18 SE **MAP ID:** 39

NAME: PERFORMANCE AUTOMOTIVE ADDRESS: 909 W 2ND ST SAN BERNARDINO CA 92410 SAN BERNARDINO	REV: 02/11/04 ID1: 00048886 ID2: STATUS: INACTIVE PHONE:
CONTACT:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	LIMITED QUANTITY GENERATOR(B)
Permit Number:	PT0001163
Status:	INACTIVE
Expiration Date:	11/30/2005 12:00:00AM
Facility Phone:	909 8881668
Owner Name:	BEN ESTRADA
Owner Address:	1024 CONGRESS
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	909 8881668

UST

SEARCH ID: 92 **DIST/DIR:** 0.18 SE **MAP ID:** 39

NAME: MOTOR CAR COMPANY ADDRESS: 909 W 2ND ST SAN BERNARDINO CA 92410 San Bernardino	REV: 07/20/99 ID1: SANBERDO86009288 ID2: STATUS: NUM OF TANKS: 3 PHONE:
CONTACT: MURRAY, B B	

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	3
Permit Number:	8603050006
Owner Name:	MURRAY, B B
Owner Address:	7 TRIBUTE CT NEWPORT BEACH, CA 92663

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 67 **DIST/DIR:** 0.18 SE **MAP ID:** 39

NAME: PRECISION AUTOMOTIVE AND TRANSMISSIONS	REV: 04/16/08
ADDRESS: 909 W 2ND ST	ID1: CAL000298992
SAN BERNARDINO CA 92410	ID2:
San Bernardino	STATUS: ACTIVE
CONTACT:	PHONE:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created:	9/29/2005 3:37:32 PM
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	909 W 2ND STREET, SAN BERNARDINO, CA 92410
Owner Name:	JORGE VILLALOBES
Owner Address:	909 W 2ND ST, SAN BERNARDINO, CA 92410
Contact Name:	JORGE/DANNY VILLALOBOS
Contact Address:	909 W 2ND STREET, SAN BERNARDINO, CA 92410
Contact Phone:	9098881668

PERMITS

SEARCH ID: 26 **DIST/DIR:** 0.18 SE **MAP ID:** 40

NAME: ALLEN MICHAEL and BRENDA	REV: 09/26/06
ADDRESS: 895 W 2ND ST	ID1: FA0000847
SAN BERNARDINO CA 92401	ID2:
San Bernardino	STATUS: INACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER - UST ONLY
Permit Number:	PT0004516
Status:	INACTIVE
Expiration Date:	7/31/2001 12:00:00AM
Facility Phone:	
Owner Name:	ALLEN, MICHAEL and BRENDA
Owner Address:	
Owner Address:	
Owner Phone:	

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 100 **DIST/DIR:** 0.18 SE **MAP ID:** 40

NAME:	SERVICE STATION	REV:	01/01/94
ADDRESS:	895 2ND	ID1:	TISID-STATE39586
	SAN BERNARDINO CA 92410	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 78	DIST/DIR: 0.18 SE	MAP ID: 40
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NAME: ALLEN, MICHAEL and BRENDA	REV: 04/03/2002
ADDRESS: 895 W 2ND ST	ID1: SANBERDO89019482
SAN BERNARDINO CA 92401	ID2:
SAN BERNARDINO	STATUS:
CONTACT: ALLEN, MICHAEL and BRENDA	PHONE: 0000000

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 06/03/03

Number of Tanks:	3
Permit Category:	222800
Permit Number:	PT0010808
Description:	UST Ownership/Operating Permit (per UST)
Status:	INACTIVE
Expiration Date:	7/31/2001
Owner Name:	ALLEN, MICHAEL and BRENDA
Owner Phone Number:	0000000
Owner Address:	P O BOX 5411 SAN BERNARDINO, CA 92412

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 06/03/03

Number of Tanks:	3
Permit Category:	222800
Permit Number:	PT0010809
Description:	UST Ownership/Operating Permit (per UST)
Status:	INACTIVE
Expiration Date:	7/31/2001
Owner Name:	ALLEN, MICHAEL and BRENDA
Owner Phone Number:	0000000
Owner Address:	P O BOX 5411 SAN BERNARDINO, CA 92412

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 06/03/03

Number of Tanks:	3
Permit Category:	222800
Permit Number:	PT0010810
Description:	UST Ownership/Operating Permit (per UST)
Status:	INACTIVE
Expiration Date:	7/31/2001
Owner Name:	ALLEN, MICHAEL and BRENDA
Owner Phone Number:	0000000
Owner Address:	P O BOX 5411 SAN BERNARDINO, CA 92412

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 105 **DIST/DIR:** 0.18 SE **MAP ID:** 40

NAME: ALLEN PROPERTY **REV:** 04/28/09
ADDRESS: 895 2ND STREET WEST **ID1:** T0607199300
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** OPEN - SITE ASSESSMENT
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083603805T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 2001007
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Open - Site Assessment
STATUS DATE: 2008-09-18 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported): San Bernardino County referred lead agency status to Santa Ana RWQCB on 9/15/2008

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2008-09-15

ACTION (blank if not reported): Referral to Regional Board

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Stopped

ACTION TYPE (blank if not reported): REMEDIATION

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Excavate and Dispose

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2008-09-15

ACTION (blank if not reported): Referral to Regional Board

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 105

DIST/DIR: 0.18 SE

MAP ID: 40

NAME: ALLEN PROPERTY

REV: 04/28/09

ADDRESS: 895 2ND STREET WEST
SAN BERNARDINO CA 92410
SAN BERNARDINO

ID1: T0607199300

ID2:

STATUS: OPEN - SITE ASSESSMENT

CONTACT:

PHONE:

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2009-04-14

ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2001-06-07

ACTION (blank if not reported): Notice of Violation - 08919482

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2008-09-13

ACTION (blank if not reported): Staff Letter

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 27 **DIST/DIR:** 0.18 SE **MAP ID:** 40

NAME: ALLEN, MICHAEL and BRENDA ADDRESS: 895 W 2ND ST SAN BERNARDINO CA 92401 SAN BERNARDINO	REV: 06/03/03 ID1: 89019482 ID2: STATUS: INACTIVE PHONE:
CONTACT:	

Permit Category:	<i>Hazmat Handler - UST Only</i>
Permit Number:	<i>PT0004516</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>7/31/2001</i>
Facility Phone:	<i>0000000</i>
Owner Name:	<i>ALLEN, MICHAEL and BRENDA</i>
Owner Address:	<i>P O BOX 5411</i>
Owner Address:	<i>SAN BERNARDINO CA 92412</i>
Owner Phone:	<i>0000000</i>

LUST

SEARCH ID: 103 **DIST/DIR:** 0.18 SE **MAP ID:** 40

NAME: ALLEN PROPERTY ADDRESS: 895 2ND STREET SAN BERNARDINO CA 92410 SAN BERNARDINO	REV: 06/31/01 ID1: 2001007B ID2: STATUS: NO ACTION PHONE:
CONTACT:	

CASE TYPE: *SOIL ONLY*
SUBSTANCE LEAKED: *GASOLINE*
SUBSTANCE QUANTITY:
LEAD AGENCY: *LOCAL AGENCY*
REGIONAL BOARD: *SANTA ANA REGION*
STATUS: *NO ACTION*
ABATEMENT METHOD:
REVIEW DATE:
DATE OF LEAK CONFIRMATION:
DATE PRELIMINARY SITE ASSESSMENT PLAN WAS SUBMITTED:
DATE PRELIMINARY SITE ASSESSMENT PLAN BEGAN:
DATE POLLUTION CHARACTERIZATION PLAN BEGAN:

DATE REMEDIATION PLAN WAS SUBMITTED:

DATE REMEDIAL ACTION UNDERWAY:
DATE POST REMEDIAL ACTION MONITORING BEGAN:
DATE CLOSURE LETTER ISSUED (SITE CLOSED):
REPORT DATE: *2/23/01*

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 104

DIST/DIR: 0.18 SE

MAP ID: 40

NAME: ALLEN PROPERTY
ADDRESS: 895 SECOND STREET
SAN BERNARDINO CA 92410
SAN BERNARDINO

REV: 06/31/01
ID1: 2001007A
ID2:
STATUS: NO ACTION
PHONE:

CONTACT:

CASE TYPE: SOIL ONLY
SUBSTANCE LEAKED: REGULAR GASOLINE
SUBSTANCE QUANTITY:
LEAD AGENCY: LOCAL AGENCY
REGIONAL BOARD: SANTA ANA REGION
STATUS: NO ACTION
ABATEMENT METHOD:
REVIEW DATE:
DATE OF LEAK CONFIRMATION:
DATE PRELIMINARY SITE ASSESSMENT PLAN WAS SUBMITTED:
DATE PRELIMINARY SITE ASSESSMENT PLAN BEGAN:
DATE POLLUTION CHARACTERIZATION PLAN BEGAN:

DATE REMEDIATION PLAN WAS SUBMITTED:

DATE REMEDIAL ACTION UNDERWAY:
DATE POST REMEDIAL ACTION MONITORING BEGAN:
DATE CLOSURE LETTER ISSUED (SITE CLOSED):
REPORT DATE: 6/4/01

JOB: 207573002

Permit Category:	GENERATOR - 0-10 EMPLOYEES
Permit Number:	PT0001328
Status:	ACTIVE
Expiration Date:	8/31/2007 12:00:00AM
Facility Phone:	0000000
Owner Name:	HOAKS BROS. PLATING
Owner Address:	939 2ND ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	0000000

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

RCRAGN

SEARCH ID: 5	DIST/DIR: 0.18 SW	MAP ID: 41
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NAME: HOAK BROS. PLATING	REV: 11/13/08
ADDRESS: 939 W. 2ND ST. SAN BERNARDINO CA 92410	ID1: CAR000090373
SAN BERNARDINO	ID2:
CONTACT: TIM L HOAK	STATUS: SGN
	PHONE: 9098852750

SITE INFORMATION

CONTACT INFORMATION: TIM HOAK
939 W 2ND ST
SAN BERNARDINO CA 92410

PHONE: 9098852750

UNIVERSE INFORMATION:

NAIC INFORMATION

325188 - ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Corrosive waste
Ignitable waste
Lead

The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a to

Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel;

Chromium

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 93 **DIST/DIR:** 0.19 SW **MAP ID:** 42

NAME:	NANAK PETRO	REV:	01/01/94
ADDRESS:	1169 2ND	ID1:	TISID-STATE39342
	SAN BERNARDINO CA 92410	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

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Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 110 **DIST/DIR:** 0.19 SW **MAP ID:** 42

NAME: CONOCO (KAYO OIL/ECONO) **REV:** 04/28/09
ADDRESS: 1169 W 2ND ST **ID1:** T0607100016
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

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LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083600133T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 90216
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: * Chlorinated Hydrocarbons
POTENTIAL MEDIA AFFECTED: Aquifer used for drinking water supply
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1996-11-07 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1991-03-12
ACTION (blank if not reported): Referral to Regional Board

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1996-11-07
ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Remove free product

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Vacuum Extract

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 110	DIST/DIR: 0.19 SW	MAP ID: 42
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NAME: CONOCO (KAYO OIL/ECONO)
ADDRESS: 1169 W 2ND ST
SAN BERNARDINO CA 92410
SAN BERNARDINO

REV: 04/28/09
ID1: T0607100016
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

CONTACT:

ACTION TYPE (blank if not reported): *Other*

DATE (blank if not reported): *1950-01-01*

ACTION (blank if not reported): *Leak Stopped*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *1996-11-07*

ACTION (blank if not reported): *Well Destruction Report*

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 43 **DIST/DIR:** 0.19 SW **MAP ID:** 43

NAME: FRANK S AIR COND/MUFFLER	REV: 02/11/04
ADDRESS: 1095 W 2ND ST	ID1: 89019036
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS: INACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES
Permit Number:	PT0004418
Status:	ACTIVE
Expiration Date:	7/31/2007 12:00:00AM
Facility Phone:	909 8885020
Owner Name:	FRANK S AIR COND/MUFFLER
Owner Address:	1095 W 2ND ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	LIMITED QUANTITY GENERATOR(B)
Permit Number:	PT0004419
Status:	INACTIVE
Expiration Date:	7/31/2005 12:00:00AM
Facility Phone:	909 8885020
Owner Name:	FRANK S AIR COND/MUFFLER
Owner Address:	1095 W 2ND ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	

JOB: 207573002

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 23	DIST/DIR: 0.19 SW	MAP ID: 44
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NAME: ABRAHAMS AUTOMOTIVE ADDRESS: 1083 W 2ND ST SAN BERNARDINO CA 92410 SAN BERNARDINO CONTACT:	REV: 06/03/03 ID1: 95036545 ID2: STATUS: INACTIVE PHONE:
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Permit Category:	<i>Special Generator(B)</i>
Permit Number:	<i>PT0007742</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>5/31/2002</i>
Facility Phone:	
Owner Name:	<i>ABRAHAMS AUTOMOTIVE</i>
Owner Address:	<i>1083 W 2ND ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92410</i>
Owner Phone:	

Permit Category:	<i>Special Handler</i>
Permit Number:	<i>PT0007743</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>5/31/2002</i>
Facility Phone:	
Owner Name:	<i>ABRAHAMS AUTOMOTIVE</i>
Owner Address:	<i>1083 W 2ND ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92410</i>
Owner Phone:	

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 10 **DIST/DIR:** 0.19 SW **MAP ID:** 45

NAME: LA PLACITA 2 PROPOSED REDEVELOPMENT ADDRESS: 1169 WEST 2ND STREET SAN BERNARDINO CA 92410 LOS ANGELES CONTACT:	REV: 10/03/08 ID1: CAL60000928 ID2: EVALUATION STATUS: ACTIVE PHONE:
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GENERAL SITE INFORMATION

Site Type:	Evaluation
Status:	Active
Status Date:	2008-06-06
NPL Site:	NO
Funding:	EPA Grant
Regulatory Agencies Involved:	SMBRP
Lead Agency:	SMBRP
Project Manager:	RANIA ZABANEH
Supervisor:	Emad Yemut
Branch:	Cypress
Acres:	1.51
Assessor s Parcel Number:	0138-302-27, 0138-302-26, 0138-302-03
Past Uses:	FUEL - VEHICLE STORAGE/ REFUELING, RAILROAD RIGHT OF WAY, VEHICLE MAINTENANCE
Potential Contaminants:	31001-UNKNOWN CODE Benzene Tetrachloroethylene (PCE) TPH-gas02 Trichloroethylene (TCE)
Confirmed Contaminants:	Tetrachloroethylene (PCE) TPH-gas02 UNKNOWN CODE-31001 Trichloroethylene (TCE) Benzene
Potential Media Affected:	OTH, SOIL, SV, UE
Restricted Use:	NO
Site Management Required:	NONE SPECIFIED
Special Programs Associated with this Site:	EPA - Target Site Investigation

OTHER SITE NAMES (blank below = not reported by agency)

0138-302-27

0138-302-26

401422

60000928

0138-302-03

COMPLETED ACTIVITIES AND DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

Area Name:	PROJECT WIDE
Sub- Area Name:	
Document Type:	Application
Completion Date:	2008-07-18
Comments:	A Targeted Site Investigation Application was submitted for the La Placita 2 Proposed Redevelopment Project.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 88	DIST/DIR: 0.20 NW	MAP ID: 46
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NAME: JOHN GOMEZ ADDRESS: 587 W ROBERDS AVE SAN BERNARDINO CA 92411 San Bernardino CONTACT: JOHN GOMEZ	REV: 02/09/2000 ID1: SANBERDO99047515 ID2: STATUS: NUM OF TANKS: 1 PHONE:
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SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	1
Permit Number:	9907290977
Permit Category:	222800
Owner Name:	JOHN GOMEZ
Owner Phone Number:	
Owner Address:	1020 16TH ST SAN BERNARDINO, CA 92411

PERMITS

SEARCH ID: 56	DIST/DIR: 0.21 SW	MAP ID: 47
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NAME: MERIT OIL COMPANY ADDRESS: 1405 W RIALTO AVE SAN BERNARDINO CA 92410 SAN BERNARDINO CONTACT:	REV: 02/11/04 ID1: 86009302 ID2: STATUS: ACTIVE PHONE:
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COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER - UST ONLY
Permit Number:	PT0002476
Status:	ACTIVE
Expiration Date:	7/31/2007 12:00:00AM
Facility Phone:	909 8853411
Owner Name:	NUCKLES OIL CO
Owner Address:	1020 W BLOOMINGTON AVE
Owner Address:	BLOOMINGTON CA 92316
Owner Phone:	

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 79 **DIST/DIR:** 0.21 SW **MAP ID:** 47

NAME:	AMENDT OIL COMPANY	REV:	01/01/94
ADDRESS:	1405 RIALTO AVEUE SAN BERNARDINO CA 92410 San Bernardino	ID1:	TISID-STATE39521
		ID2:	
CONTACT:		STATUS:	ACTIVE
		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 117 **DIST/DIR:** 0.21 SW **MAP ID:** 47

NAME: MERIT OIL COMPANY ADDRESS: 1405 W RIALTO AVE SAN BERNARDINO CA 92410 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607100534 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
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RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083603348T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 99010
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1999-08-30 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Stopped

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1999-08-30
ACTION (blank if not reported): Closure/No Further Action Letter

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 90 **DIST/DIR:** 0.21 SW **MAP ID:** 47

NAME:	MERIT OIL CO	REV:	04/03/2002
ADDRESS:	1405 W RIALTO AVE	ID1:	SANBERDO86009302
	SAN BERNARDINO CA 92410	ID2:	
	SAN BERNARDINO	STATUS:	
CONTACT:	NUCKLES OIL CO	PHONE:	8853411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	5
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011686
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	NUCKLES OIL CO
Owner Phone Number:	
Owner Address:	1020 W BLOOMINGTON AVE BLOOMINGTON, CA 92316

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	5
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011687
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	NUCKLES OIL CO
Owner Phone Number:	
Owner Address:	1020 W BLOOMINGTON AVE BLOOMINGTON, CA 92316

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	5
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011688
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2003
Owner Name:	NUCKLES OIL CO
Owner Phone Number:	
Owner Address:	1020 W BLOOMINGTON AVE BLOOMINGTON, CA 92316

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 90	DIST/DIR: 0.21 SW	MAP ID: 47
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NAME: MERIT OIL CO	REV: 04/03/2002
ADDRESS: 1405 W RIALTO AVE	ID1: SANBERDO86009302
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS:
CONTACT: NUCKLES OIL CO	PHONE: 8853411

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	5
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011689
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	NUCKLES OIL CO
Owner Phone Number:	
Owner Address:	1020 W BLOOMINGTON AVE BLOOMINGTON, CA 92316

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 71 **DIST/DIR:** 0.21 SW **MAP ID:** 48

NAME: U and I AUTO PARTS ADDRESS: 1435 W RIALTO AVE SAN BERNARDINO CA 92410 San Bernardino	REV: 04/16/08 ID1: CAL000282838 ID2: STATUS: ACTIVE PHONE:
CONTACT:	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: 6/3/2004 3:07:46 PM
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: 1435 W RIALTO AVE, SAN BERNARDINO, CA 92410
Owner Name: BUD LONG
Owner Address: 34000 NEWPORT AVE, MENTONE, CA 92359
Contact Name: BUD LONG
Contact Address: 1435 W RIALTO AVE, SAN BERNARDINO, CA 92410
Contact Phone: 909886841

PERMITS

SEARCH ID: 52 **DIST/DIR:** 0.22 SE **MAP ID:** 49

NAME: LNR SAN BERNARDINO LLC DBA CAROUSEL MALL ADDRESS: 295 CAROUSEL MALL SAN BERNARDINO CA 92401 San Bernardino	REV: 04/16/08 ID1: CAL000311651 ID2: STATUS: ACTIVE PHONE:
CONTACT:	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: 9/18/2006 3:23:32 PM
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: 295 CAROUSEL MALL, SAN BERNARDINO, CA 92401-1505
Owner Name: LNR SAN BERNARDINO LLC
Owner Address: 295 CAROUSEL MALL, SAN BERNARDINO, CA 92401-1505
Contact Name: SALVATORE F. CATALANO, GEN MGR
Contact Address: 295 CAROUSEL MALL, SAN BERNARDINO, CA 92401-1505
Contact Phone: 9098840106

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 62	DIST/DIR: 0.22 NW	MAP ID: 50
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NAME: OMNITRANS ADDRESS: 1700 W 5TH ST SAN BERNARDINO CA 92411 SAN BERNARDINO	REV: 02/11/04 ID1: 86009147 ID2: STATUS: ACTIVE PHONE:
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COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL GENERATOR(B)</i>
Permit Number:	<i>PT0002395</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>7/31/2007 12:00:00AM</i>
Facility Phone:	<i>909 8890811</i>
Owner Name:	<i>OMNITRANS</i>
Owner Address:	<i>1700 W 5TH ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92411</i>
Owner Phone:	<i>0000000</i>

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL HANDLER</i>
Permit Number:	<i>PT0002396</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>7/31/2007 12:00:00AM</i>
Facility Phone:	<i>909 8890811</i>
Owner Name:	<i>OMNITRANS</i>
Owner Address:	<i>1700 W 5TH ST</i>
Owner Address:	<i>SAN BERNARDINO CA 92411</i>
Owner Phone:	<i>0000000</i>

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 94 **DIST/DIR:** 0.22 NW **MAP ID:** 50

NAME:	OMNITRANS	REV:	01/01/94
ADDRESS:	1700 5TH	ID1:	TISID-STATE38860
	SAN BERNARDINO CA 92411	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 95 **DIST/DIR:** 0.22 NW **MAP ID:** 50

NAME:	OMNITRANS	REV:	04/03/2002
ADDRESS:	1700 W 5TH ST	ID1:	SANBERDO86009147
	SAN BERNARDINO CA 92411	ID2:	
	SAN BERNARDINO	STATUS:	
CONTACT:	OMNITRANS	PHONE:	8890811

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011949
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011950
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011951
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 95 **DIST/DIR:** 0.22 NW **MAP ID:** 50

NAME: OMNITRANS ADDRESS: 1700 W 5TH ST SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT: OMNITRANS	REV: 04/03/2002 ID1: SANBERDO86009147 ID2: STATUS: PHONE: 8890811
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According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011952
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011953
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011954
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 95	DIST/DIR: 0.22 NW	MAP ID: 50
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NAME: OMNITRANS ADDRESS: 1700 W 5TH ST SAN BERNARDINO CA 92411 SAN BERNARDINO CONTACT: OMNITRANS	REV: 04/03/2002 ID1: SANBERDO86009147 ID2: STATUS: PHONE: 8890811
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Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011955
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	8
Permit Category:	UST OWNERSHIP/OPERATING PERMIT (PER UST)
Permit Number:	PT0011956
Description:	UST Ownership/Operating Permit (per UST)
Status:	ACTIVE
Expiration Date:	7/31/2004
Owner Name:	OMNITRANS
Owner Phone Number:	0000000
Owner Address:	1700 W 5TH ST SAN BERNARDINO, CA 92411

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 118 **DIST/DIR:** 0.22 NW **MAP ID:** 50

NAME: OMNITRANS **REV:** 04/28/09
ADDRESS: 1700 W 5TH ST **ID1:** T0607100269
SAN BERNARDINO CA 92411 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083602206T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 93001
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1994-07-13 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1994-07-13
ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Excavate and Dispose

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Excavate and Dispose

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Stopped

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 118

DIST/DIR: 0.22 NW

MAP ID: 50

NAME: OMNITRANS
ADDRESS: 1700 W 5TH ST
SAN BERNARDINO CA 92411
SAN BERNARDINO

REV: 04/28/09
ID1: T0607100269
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

RCRAGN

SEARCH ID: 6	DIST/DIR: 0.23 SW	MAP ID: 51
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NAME: J B HUNT	REV: 5/13/09
ADDRESS: 1680 SANTA FE WY	ID1: CA0000134031
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS: SGN
CONTACT: FRANK TORRES	PHONE: 9093848853

SITE INFORMATION

CONTACT INFORMATION: FRANK TORRES
1680 SANTA FE WY
SAN BERNARDINO CA 92410

PHONE: 9093848853

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste
Tetrachloroethylene

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 47 **DIST/DIR:** 0.23 SW **MAP ID:** 51

NAME: JB HUNT INC ADDRESS: 1680 SANTA FE WAY SAN BERNARDINO CA 92410 San Bernardino	REV: 04/16/08 ID1: CAL000256571 ID2: STATUS: ACTIVE PHONE:
--	---

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created: 7/26/2002 10:36:32 AM
Inactivity Date:
Facility Mail Name: PAT BOUDREAUX
Facility Mailing Address: 5650 SOUTHERN AVE, SOUTH GATE, CA 90280
Owner Name: JB HUNT INC
Owner Address: 1680 SANTA FE WAY, SAN BERNARDINO, CA 92411
Contact Name: JON WATSON
Contact Address: 1680 SANTA FE WAY, SAN BERNARDINO, CA 92410-0000
Contact Phone: 9093848855

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type: Oil/water separation sludge
Total Tonnage per Year: 7.089

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type: Latex waste
Total Tonnage per Year: 0.0625

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type: Other organic solids
Total Tonnage per Year: 2.1875

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 64 **DIST/DIR:** 0.23 SW **MAP ID:** 51

NAME: PACIFIC MOTOR TRUCKING CO	REV: 09/26/06
ADDRESS: 1680 SANTA FE WAY	ID1: FA0005192
SAN BERNARDINO CA 92410	ID2:
San Bernardino	STATUS: INACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL GENERATOR(B)</i>
Permit Number:	<i>PT0007414</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>11/30/2002 12:00:00AM</i>
Facility Phone:	
Owner Name:	<i>JACK COOPER TRANS. CO.INC</i>
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL HANDLER</i>
Permit Number:	<i>PT0007415</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>11/30/2002 12:00:00AM</i>
Facility Phone:	
Owner Name:	<i>JACK COOPER TRANS. CO.INC</i>
Owner Address:	
Owner Address:	
Owner Phone:	

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 63	DIST/DIR: 0.23 SW	MAP ID: 51
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NAME: PACIFIC MOTOR TRUCKING CO ADDRESS: 1680 SANTA FE WAY SAN BERNARDINO CA 92410 SAN BERNARDINO	REV: 06/03/03 ID1: 95032857 ID2: STATUS: INACTIVE PHONE:
CONTACT:	

Permit Category:	<i>Special Generator(B)</i>
Permit Number:	<i>PT0007414</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>11/30/2002</i>
Facility Phone:	<i>909 3833680</i>
Owner Name:	<i>JACK COOPER TRANS. CO.INC</i>
Owner Address:	<i>1680 SANTA FE WAY</i>
Owner Address:	<i>SAN BERNARDINO CA 92410</i>
Owner Phone:	<i>909 3833680</i>

Permit Category:	<i>Special Handler</i>
Permit Number:	<i>PT0007415</i>
Status:	<i>INACTIVE</i>
Expiration Date:	<i>11/30/2002</i>
Facility Phone:	<i>909 3833680</i>
Owner Name:	<i>JACK COOPER TRANS. CO.INC</i>
Owner Address:	<i>1680 SANTA FE WAY</i>
Owner Address:	<i>SAN BERNARDINO CA 92410</i>
Owner Phone:	<i>909 3833680</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 42	DIST/DIR: 0.23 SE	MAP ID: 52
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NAME: FAIRVIEW FORD SALES, INC. ADDRESS: 292 N G ST SAN BERNARDINO CA 92410 SAN BERNARDINO	REV: 02/11/04 ID1: 92026710 ID2: STATUS: ACTIVE PHONE:
CONTACT:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	HAZMAT HANDLER 11-25 EMPLOYEES (W/GEN PRMT)
Permit Number:	PT0005920
Status:	ACTIVE
Expiration Date:	4/30/2007 12:00:00AM
Facility Phone:	909 8849261
Owner Name:	FAIRVIEW FORD
Owner Address:	292 N G ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	909 8849261

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	SPECIAL GENERATOR(B)
Permit Number:	PT0005921
Status:	ACTIVE
Expiration Date:	4/30/2007 12:00:00AM
Facility Phone:	909 8849261
Owner Name:	FAIRVIEW FORD
Owner Address:	292 N G ST
Owner Address:	SAN BERNARDINO CA 92410
Owner Phone:	909 8849261

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

RCRAGN

SEARCH ID: 4	DIST/DIR: 0.23 SE	MAP ID: 52
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NAME: FAIRVIEW FORD	REV: 5/13/09
ADDRESS: 292 N G ST	ID1: CAD981442247
SAN BERNARDINO CA 92412	ID2:
SAN BERNARDINO	STATUS: SGN
CONTACT:	PHONE:

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
292 N G ST
SAN BERNARDINO CA 92412

PHONE: 7148849261

UNIVERSE INFORMATION:

NAIC INFORMATION

44111 - NEW CAR DEALERS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 87 **DIST/DIR:** 0.23 NE **MAP ID:** 53

NAME:	INCO	REV:	01/01/94
ADDRESS:	796 5TH	ID1:	TISID-STATE40582
	SAN BERNARDINO CA 92410	ID2:	
	San Bernardino	STATUS:	ACTIVE
CONTACT:		PHONE:	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 115 **DIST/DIR:** 0.23 NE **MAP ID:** 53

NAME: INCO SERVICE STATION **REV:** 04/28/09
ADDRESS: 796 W 5TH ST **ID1:** T0607100231
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** OPEN - REMEDIATION
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083601874T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 91009
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Open - Remediation
STATUS DATE: 1999-06-07 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1991-07-05
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1991-09-30
ACTION (blank if not reported): Notice of Responsibility

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Vacuum Extract

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1991-02-07
ACTION (blank if not reported): File review

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 115

DIST/DIR: 0.23 NE

MAP ID: 53

NAME: INCO SERVICE STATION
ADDRESS: 796 W 5TH ST
SAN BERNARDINO CA 92410
SAN BERNARDINO

REV: 04/28/09
ID1: T0607100231
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

RCRAGN

SEARCH ID: 1	DIST/DIR: 0.23 NE	MAP ID: 54
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NAME: AEROBACK MEDICAL GROUP INC
ADDRESS: 740 W 4TH ST
SAN BERNARDINO CA 92410
SAN BERNARDINO
CONTACT: ERNESTO ANDRES

REV: 5/13/09
ID1: CAD983653759
ID2:
STATUS: SGN
PHONE: 7148899226

SITE INFORMATION

CONTACT INFORMATION: ERNESTO ANDRES
740 W FOURTH ST
SAN BERNARDINO CA 92410

PHONE: 7148899226

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 46	DIST/DIR: 0.24 SW	MAP ID: 55
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NAME: INTER RAIL TRANSPORT INC
ADDRESS: 1685 SANTA FE WAY
SAN BERNARDINO CA 92410
San Bernardino

REV: 04/16/08
ID1: CAL000257991
ID2:
STATUS: ACTIVE
PHONE:

CONTACT:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created: 8/21/2002 9:06:32 AM

Inactivity Date:

Facility Mail Name:

Facility Mailing Address:

Owner Name:

Owner Address:

Contact Name:

Contact Address:

Contact Phone:

115 LAWYERS ROW, CENTREVILLE, MD 21617-1011
INTER RAIL TRANSPORT INC
115 LAWYERS ROW, CENTREVILLE, MD 21617-1011
RAUL PEREZ
1685 SANTA FE WAY, SAN BERNARDINO, CA 92410
9093833670

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 68 **DIST/DIR:** 0.24 SW **MAP ID:** 55

NAME: SANTA FE RAILWAY AUTO DIS	REV: 02/11/04
ADDRESS: 1685 SANTA FE WAY	ID1: 97041848
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS: ACTIVE
CONTACT:	PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL HANDLER</i>
Permit Number:	<i>PT0008678</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>8/31/2007 12:00:00AM</i>
Facility Phone:	
Owner Name:	<i>INTER-RAIL TRANSPORT INC</i>
Owner Address:	<i>115 LAWYERS ROW</i>
Owner Address:	<i>CENTREVILLE MD 21617</i>
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	<i>SPECIAL GENERATOR(B)</i>
Permit Number:	<i>PT0008679</i>
Status:	<i>ACTIVE</i>
Expiration Date:	<i>8/31/2007 12:00:00AM</i>
Facility Phone:	
Owner Name:	<i>INTER-RAIL TRANSPORT INC</i>
Owner Address:	<i>115 LAWYERS ROW</i>
Owner Address:	<i>CENTREVILLE MD 21617</i>
Owner Phone:	

JOB: 207573002

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 85 **DIST/DIR:** 0.25 SE **MAP ID:** 57

NAME: EXXON SERVICE STA 7-0882
ADDRESS: 797 2ND
SAN BERNARDINO CA 92410
San Bernardino

REV: 01/01/94
ID1: TISID-STATE39982
ID2:
STATUS: ACTIVE
PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 121 **DIST/DIR:** 0.25 SE **MAP ID:** 57

NAME: TEXACO SERVICE STATION
ADDRESS: 797 W 2ND ST
SAN BERNARDINO CA 92410
SAN BERNARDINO
CONTACT:
REV: 04/28/09
ID1: T0607100274
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083602239T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 93007
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1994-05-11 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Excavate and Dispose

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1994-05-11
ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

UST

SEARCH ID: 89	DIST/DIR: 0.25 NE	MAP ID: 58
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NAME: LUBE CENTER ADDRESS: 720 W 4TH ST SAN BERNARDINO CA 92404 San Bernardino CONTACT: YJP ESTATES INC	REV: 01/19/99 ID1: SANBERDO86009138 ID2: STATUS: PHONE:
--	--

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Owner Name: YJP ESTATES INC
Owner Address: 1055 CORPORATE CENTER DR 420 MONTEREY PARK, CA 91754

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 111 **DIST/DIR:** 0.27 NE **MAP ID:** 59

NAME: FIRESTONE STORE (BFS 180513) **REV:** 04/28/09
ADDRESS: 677 W. 4TH ST **ID1:** T0607129188
SAN BERNARDINO CA 92405 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083603975T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER:
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Aquifer used for drinking water supply
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 2008-03-20 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2006-07-11
ACTION (blank if not reported): Site Visit / Inspection / Sampling

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2003-10-29
ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-02-28
ACTION (blank if not reported): MTBE Investigation Workplan

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-08-15
ACTION (blank if not reported): Soil and Water Investigation Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2006-08-11
ACTION (blank if not reported): Technical Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-11-14
ACTION (blank if not reported): Soil and Water Investigation Workplan

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 111 **DIST/DIR:** 0.27 NE **MAP ID:** 59

NAME: FIRESTONE STORE (BFS 180513) **REV:** 04/28/09
ADDRESS: 677 W. 4TH ST **ID1:** T0607129188
SAN BERNARDINO CA 92405 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2006-09-30

ACTION (blank if not reported): Deed Notification

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-10-16

ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2005-07-21

ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-09-30

ACTION (blank if not reported): Meeting

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2005-07-30

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2005-04-29

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-11-23

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2005-07-19

ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2007-08-16

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-03-16

ACTION (blank if not reported): Soil and Water Investigation Report

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-02-28

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Reported

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 111 **DIST/DIR:** 0.27 NE **MAP ID:** 59

NAME: FIRESTONE STORE (BFS 180513) ADDRESS: 677 W. 4TH ST SAN BERNARDINO CA 92405 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607129188 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
--	---

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-01-08

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-06-10

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2005-11-03

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2003-11-14

ACTION (blank if not reported): Additional Information Workplan

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-06-12

ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): REMEDIATION

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Soil Vapor Extraction w/Other

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Stopped

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-06-17

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-09-16

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-10-28

ACTION (blank if not reported): CAP/RAP - Final Remediation / Design Plan

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-09-10

ACTION (blank if not reported): Soil and Water Investigation Report

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2008-03-20

ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2006-05-10

ACTION (blank if not reported): Site Visit / Inspection / Sampling

ACTION TYPE (blank if not reported): RESPONSE

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 111

DIST/DIR: 0.27 NE

MAP ID: 59

NAME: FIRESTONE STORE (BFS 180513)

REV: 04/28/09

ADDRESS: 677 W. 4TH ST
SAN BERNARDINO CA 92405
SAN BERNARDINO

ID1: T0607129188

ID2:

STATUS: COMPLETED - CASE CLOSED

CONTACT:

PHONE:

DATE (blank if not reported): 2005-10-31

ACTION (blank if not reported): Remedial Progress Report

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 116 **DIST/DIR:** 0.29 NE **MAP ID:** 60

NAME: JOEY S BODY SHOP **REV:** 04/28/09
ADDRESS: 916 6TH ST **ID1:** T0607100146
SAN BERNARDINO CA 92415 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083601272T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 87043
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1989-09-01 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Stopped

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Excavate and Dispose

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107 **DIST/DIR:** 0.32 SE **MAP ID:** 61

NAME: ARCO 6227 **REV:** 04/28/09
ADDRESS: 702 W 2ND ST **ID1:** T0607100158
SAN BERNARDINO CA 92415 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083601340T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 90014
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Aquifer used for drinking water supply
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 2007-09-26 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2005-09-19
ACTION (blank if not reported): Soil and Water Investigation Workplan

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2005-08-30
ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2005-08-02
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2006-07-15
ACTION (blank if not reported): Additional Information Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2005-01-31
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2006-02-15
ACTION (blank if not reported): Soil and Water Investigation Report

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107	DIST/DIR: 0.32 SE	MAP ID: 61
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NAME: ARCO 6227 ADDRESS: 702 W 2ND ST SAN BERNARDINO CA 92415 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607100158 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
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ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2005-01-31
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2006-01-31
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2005-10-11
ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2007-01-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-07-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-03-23
ACTION (blank if not reported): Additional Information Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-04-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-01-31
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-04-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-05-06
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-05-06
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2003-05-06
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2005-10-11
ACTION (blank if not reported): VER

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107 **DIST/DIR:** 0.32 SE **MAP ID:** 61

NAME: ARCO 6227 ADDRESS: 702 W 2ND ST SAN BERNARDINO CA 92415 SAN BERNARDINO	REV: 04/28/09 ID1: T0607100158 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
CONTACT:	

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2005-04-30

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2002-12-17

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2007-09-11

ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2007-09-26

ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-10-30

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2005-07-30

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-10-30

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2007-05-31

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2005-07-30

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2007-04-16

ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-01-31

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2003-06-10

ACTION (blank if not reported): Technical Report

ACTION TYPE (blank if not reported): RESPONSE

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107 **DIST/DIR:** 0.32 SE **MAP ID:** 61

NAME:	ARCO 6227	REV:	04/28/09
ADDRESS:	702 W 2ND ST	ID1:	T0607100158
	SAN BERNARDINO CA 92415	ID2:	
	SAN BERNARDINO	STATUS:	COMPLETED - CASE CLOSED
CONTACT:		PHONE:	

DATE (blank if not reported): 2003-12-17
ACTION (blank if not reported): Additional Information Workplan

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2002-07-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2002-10-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-01-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2002-12-17
ACTION (blank if not reported): Additional Information Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-07-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2005-04-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2005-05-04
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-01-03
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-03-23
ACTION (blank if not reported): Meeting

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-07-29
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-03-11
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2006-04-30

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107 **DIST/DIR:** 0.32 SE **MAP ID:** 61

NAME: ARCO 6227 **REV:** 04/28/09
ADDRESS: 702 W 2ND ST **ID1:** T0607100158
SAN BERNARDINO CA 92415 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *2006-10-30*

ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2003-04-17*

ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2004-11-02*

ACTION (blank if not reported): *File review*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2004-03-03*

ACTION (blank if not reported): *N*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2005-04-26*

ACTION (blank if not reported): *Site Visit / Inspection / Sampling*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *2005-10-30*

ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2005-11-02*

ACTION (blank if not reported): *File review*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2006-07-12*

ACTION (blank if not reported): *File review*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *2007-09-05*

ACTION (blank if not reported): *Well Destruction Report*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *2007-07-30*

ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *2005-10-30*

ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

DATE (blank if not reported): *2006-02-15*

ACTION (blank if not reported): *VER*

ACTION TYPE (blank if not reported): *RESPONSE*

DATE (blank if not reported): *2003-07-30*

ACTION (blank if not reported): *Monitoring Report - Quarterly*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107	DIST/DIR: 0.32 SE	MAP ID: 61
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NAME: ARCO 6227 ADDRESS: 702 W 2ND ST SAN BERNARDINO CA 92415 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607100158 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
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ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2003-04-14
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2006-05-10
ACTION (blank if not reported): Site Visit / Inspection / Sampling

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2006-05-16
ACTION (blank if not reported): * Verbal Communication

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2006-10-30
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2006-08-24
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2007-04-04
ACTION (blank if not reported): Notification - Preclosure

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-04-29
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2007-02-08
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2002-09-19
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-07-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-10-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-01-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-01-30
ACTION (blank if not reported): Monitoring Report - Quarterly

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 107	DIST/DIR: 0.32 SE	MAP ID: 61
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NAME: ARCO 6227 ADDRESS: 702 W 2ND ST SAN BERNARDINO CA 92415 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607100158 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
--	---

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2003-10-30
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2007-04-30
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2003-09-03
ACTION (blank if not reported): *N*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2002-08-06
ACTION (blank if not reported): *Site Visit / Inspection / Sampling*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2007-07-18
ACTION (blank if not reported): *File review*

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 109 **DIST/DIR:** 0.32 NE **MAP ID:** 62

NAME: CHEVRON **REV:** 04/28/09
ADDRESS: 598 N H ST **ID1:** T0607100292
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083602322T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 93043
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1994-02-07 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1994-02-07
ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Stopped

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 123 **DIST/DIR:** 0.38 SE **MAP ID:** 63

NAME: VIKING TIRE **REV:** 04/28/09
ADDRESS: 747 W RIALTO AVE **ID1:** T0607100148
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083601283T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 87056
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1989-05-31 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2006-11-13
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2000-04-11
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Excavate and Dispose

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Stopped

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 123

DIST/DIR: 0.38 SE

MAP ID: 63

NAME: VIKING TIRE
ADDRESS: 747 W RIALTO AVE
SAN BERNARDINO CA 92410
SAN BERNARDINO

REV: 04/28/09
ID1: T0607100148
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 20	DIST/DIR: 0.38 SE	MAP ID: 64
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NAME: VIKING AUTO CENTER ADDRESS: 747 WEST RIALTO BLVD SAN BERNARDINO CA 92410 SAN BERNARDINO CONTACT:	REV: 01/12/98 ID1: SWIS36-TI-0204 ID2: STATUS: TO BE DETERMINED PHONE:
---	---

Activity:	<i>Waste Tire Location</i>
Accepted Waste:	
Operational Status:	<i>Closed</i>
Regulatory Status	<i>To Be Determined</i>
Closure Date:	
Closure Type:	
Permitted Throughput with Units:	
Permitted Capacity with Units:	
Remaining Capacity with Units (landfills only):	
Permitted Total Acreage:	<i>0</i>
Permitted Disposal Acreage:	
Last Tire Inspection Count:	
Last Tire Inspection Count Date:	
Original Tire Inspection Count:	
Last Tire Inspection Count Date:	
Inspection Frequency:	<i>None</i>

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 112 **DIST/DIR:** 0.44 SW **MAP ID:** 65

NAME: FIVE STAR LIQUOR AND MARKET	REV: 04/28/09
ADDRESS: 306 MOUNT VERNON AVE	ID1: T0607100537
SAN BERNARDINO CA 92410	ID2:
SAN BERNARDINO	STATUS: COMPLETED - CASE CLOSED
CONTACT:	PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083603361T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 98097
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline, Fuel Oxygenates
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 2006-08-22 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Vacuum Extract

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 122 **DIST/DIR:** 0.46 SE **MAP ID:** 66

NAME: UNOCAL 6968 **REV:** 04/28/09
ADDRESS: 187 N F ST **ID1:** T0607100034
SAN BERNARDINO CA 92415 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083600279T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 90210
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Aquifer used for drinking water supply
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1997-06-25 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Stopped

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 114 **DIST/DIR:** 0.46 SE **MAP ID:** 66

NAME: G and M OIL SS 67 **REV:** 04/28/09
ADDRESS: 187 N F ST **ID1:** T0607100599
SAN BERNARDINO CA 92415 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083603544T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER:
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Other Groundwater (uses other than drinking water)
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 2005-02-08 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2002-10-19
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-10-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-08-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2002-10-30
ACTION (blank if not reported): Soil and Water Investigation Report

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2002-09-30
ACTION (blank if not reported): Monitoring Report - Quarterly

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 114 **DIST/DIR:** 0.46 SE **MAP ID:** 66

NAME: G and M OIL SS 67 ADDRESS: 187 N F ST SAN BERNARDINO CA 92415 SAN BERNARDINO	REV: 04/28/09 ID1: T0607100599 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
CONTACT:	

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2003-09-30
ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2002-10-02
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2003-01-17
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2003-09-02
ACTION (blank if not reported): Soil and Water Investigation Workplan

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2003-09-30
ACTION (blank if not reported): Other Type of Submission by RP

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2003-08-14
ACTION (blank if not reported): Technical Report

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2003-07-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2003-01-28
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2004-06-29
ACTION (blank if not reported): Soil and Water Investigation Workplan

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2004-04-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2004-12-26
ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): 2005-04-04
ACTION (blank if not reported): Well Destruction Report

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): 2000-09-08
ACTION (blank if not reported): Notice of Violation

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 114 **DIST/DIR:** 0.46 SE **MAP ID:** 66

NAME: G and M OIL SS 67 ADDRESS: 187 N F ST SAN BERNARDINO CA 92415 SAN BERNARDINO	REV: 04/28/09 ID1: T0607100599 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
CONTACT:	

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-07-30

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2003-11-30

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-02-27

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2005-01-30

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-12-07

ACTION (blank if not reported): Notification - Preclosure

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-09-25

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-04-29

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2005-02-08

ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2002-09-30

ACTION (blank if not reported): 13267 Monitoring Program

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-05-26

ACTION (blank if not reported): Soil and Water Investigation Report

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-08-01

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): Other

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-11-10

ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 114	DIST/DIR: 0.46 SE	MAP ID: 66
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NAME: G and M OIL SS 67 ADDRESS: 187 N F ST SAN BERNARDINO CA 92415 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607100599 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
--	---

DATE (blank if not reported): 2005-01-12
ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-06-23
ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-01-30
ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-03-16
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-05-05
ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-07-29
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2003-08-29
ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2002-10-28
ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2002-10-28
ACTION (blank if not reported): File review

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2003-12-10
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2004-01-21
ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2003-09-22
ACTION (blank if not reported): Technical Report

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2003-01-28
ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): RESPONSE
DATE (blank if not reported): 2004-10-30

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 114 **DIST/DIR:** 0.46 SE **MAP ID:** 66

NAME: G and M OIL SS 67 ADDRESS: 187 N F ST SAN BERNARDINO CA 92415 SAN BERNARDINO	REV: 04/28/09 ID1: T0607100599 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
CONTACT:	

ACTION (blank if not reported): Soil and Water Investigation Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2003-01-30

ACTION (blank if not reported): Corrective Action Report

ACTION TYPE (blank if not reported): REMEDIATION

DATE (blank if not reported): 1950-01-01

ACTION (blank if not reported): Soil Vapor Extraction w/Other

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-01-30

ACTION (blank if not reported): Remedial Progress Report

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2004-10-30

ACTION (blank if not reported): Monitoring Report - Quarterly

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-07-18

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-10-28

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2005-01-06

ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-07-25

ACTION (blank if not reported): VER

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-07-21

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-04-16

ACTION (blank if not reported): N

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2004-05-18

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): ENFORCEMENT

DATE (blank if not reported): 2003-12-19

ACTION (blank if not reported): Staff Letter

ACTION TYPE (blank if not reported): RESPONSE

DATE (blank if not reported): 2003-12-30

ACTION (blank if not reported): Remedial Progress Report

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 114

DIST/DIR: 0.46 SE

MAP ID: 66

NAME: G and M OIL SS 67

REV: 04/28/09

ADDRESS: 187 N F ST
SAN BERNARDINO CA 92415
SAN BERNARDINO

ID1: T0607100599

ID2:

STATUS: COMPLETED - CASE CLOSED

CONTACT:

PHONE:

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 119 **DIST/DIR:** 0.48 SE **MAP ID:** 67

NAME: SMOOTH MOVE **REV:** 04/28/09
ADDRESS: 207 WALKINSHAW ST **ID1:** T0607100608
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083603580T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 99122
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Diesel
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 2000-06-06 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 113 **DIST/DIR:** 0.48 NW **MAP ID:** 68

NAME: FOURTH ST ROCK CRUSHER ADDRESS: 1945 W. 4TH STREET SAN BERNARDINO CA 92412 SAN BERNARDINO CONTACT:	REV: 04/28/09 ID1: T0607170228 ID2: STATUS: COMPLETED - CASE CLOSED PHONE:
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RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SAN BERNARDINO COUNTY LOP
REGIONAL BOARD CASE NUMBER: 083603901T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 2002013
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Diesel
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 2002-10-29 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Excavate and Dispose

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2002-04-17
ACTION (blank if not reported): Notice of Responsibility

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 2002-08-27
ACTION (blank if not reported): Technical Correspondence / Assistance / Other

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 106 **DIST/DIR:** 0.49 SE **MAP ID:** 69

NAME: ALTA DENA DAIRY **REV:** 04/28/09
ADDRESS: 341 S MOUNT VERNON AVE **ID1:** T0607100005
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083600027T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 90214
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Soil
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1998-05-01 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

ACTION TYPE (blank if not reported): ENFORCEMENT
DATE (blank if not reported): 1998-05-01
ACTION (blank if not reported): Closure/No Further Action Letter

ACTION TYPE (blank if not reported): REMEDIATION
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Discovery

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

LUST

SEARCH ID: 120 **DIST/DIR:** 0.50 SE **MAP ID:** 70

NAME: SOUTHERN CALIFORNIA GAS CO. **REV:** 04/28/09
ADDRESS: 155 S G ST **ID1:** T0607100214
SAN BERNARDINO CA 92410 **ID2:**
SAN BERNARDINO **STATUS:** COMPLETED - CASE CLOSED
CONTACT: **PHONE:**

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: SANTA ANA RWQCB (REGION 8)
REGIONAL BOARD CASE NUMBER: 083601787T
LOCAL AGENCY: SAN BERNARDINO COUNTY LOP
LOCAL CASE NUMBER: 90211
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: LUST Cleanup Site
POTENTIAL CONTAMINANTS OF CONCERN: Gasoline
POTENTIAL MEDIA AFFECTED: Aquifer used for drinking water supply
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: Completed - Case Closed
STATUS DATE: 1994-03-30 00:00:00
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): Other
DATE (blank if not reported): 1950-01-01
ACTION (blank if not reported): Leak Reported

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 14 **DIST/DIR:** 0.53 SE **MAP ID:** 71

NAME: SOUTHWEST METAL COMPANY ADDRESS: 740 CONGRESS STREET SAN BERNARDINO CA 92410 San Bernardino	REV: 07/03/00 ID1: CAL36330036 ID2: STATUS: PROPERTY/SITE REFERRED PHONE:
CONTACT:	

OTHER SITE NAMES (blank below = not reported by agency)

OTHER SITE NAMES (blank below = not reported by agency)

SOUTHWEST METALS COMPANY

GENERAL SITE INFORMATION

File Name (if different than site name):

Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY (REFOA)
AWP Site Type:	N/A
NPL Site:	
Fund:	
Status Date:	08221995
Lead:	
Staff:	
Senior Supervisor:	

DTSC Region and RWQCB :	4 / LONG BEACH
Branch:	SOUTHERN CA. - B
RWQCB:	SANTA ANA

Site Access:

On Cortese List:

Groundwater Contamination:

Haz Ranking Score:

Haz Ranking Score:

Number of Sources Contributing to Contamination at the Site: 0

OTHER AGENCY ID NUMBERS (blank below = not reported by agency)

ID SOURCE NAME, and VALUE: EPA IDENTIFICATION NUMBER CAT000624106

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity:	DISCOVERY (DISC)
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:	
Revised Completion Due Date:	
Date Activity Actually Completed:	02081983
Yards of Solids Removed:	0
Yards of Solids Treated:	0
Gallons of Liquid Removed:	0
Gallons of Liquid Treated:	0

Activity:	DISCOVERY (DISC)
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 14 **DIST/DIR:** 0.53 SE **MAP ID:** 71

NAME: SOUTHWEST METAL COMPANY
ADDRESS: 740 CONGRESS STREET
SAN BERNARDINO CA 92410
San Bernardino

REV: 07/03/00
ID1: CAL36330036
ID2:
STATUS: PROPERTY/SITE REFERRED
PHONE:

Completion Due Date:

Revised Completion Due Date:

Date Activity Actually Completed: 10121983

Yards of Solids Removed: 0

Yards of Solids Treated: 0

Gallons of Liquid Removed: 0

Gallons of Liquid Treated: 0

Activity: (PA)

Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY

Completion Due Date:

Revised Completion Due Date:

Date Activity Actually Completed: 06261984

Yards of Solids Removed: 0

Yards of Solids Treated: 0

Gallons of Liquid Removed: 0

Gallons of Liquid Treated: 0

Activity: (SS)

Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY

Completion Due Date:

Revised Completion Due Date:

Date Activity Actually Completed: 05191989

Yards of Solids Removed: 0

Yards of Solids Treated: 0

Gallons of Liquid Removed: 0

Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

DATE COMMENT

03191982 INSPECTION(STATE) RWQCB ROUTINE INSP

DATE COMMENT

03191982 VIOLATION DETECTED OVERFLOW TO ST FROM WASTEWATER POND DUE

DATE COMMENT

03191982 TO RAIN RUNOFF.

DATE COMMENT

12211982 INSPECTION(STATE) RWQCB. ROUTINE INSP. SAMPLES FROM

DATE COMMENT

12211982 CONGRESS ST. HEAVY METALS AT OR ABOVE

DATE COMMENT

12211982 TTLC FROM CALIF ADMIN MANUAL (CAM)

DATE COMMENT

02081983 FACILITY IDENTIFIED ID VIA RWQCB ACTIVE FILES

DATE COMMENT

03251983 FACILITY DRIVE-BY METAL RECYCLING FIRM ON SITE. ACTIVE

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 14 **DIST/DIR:** 0.53 SE **MAP ID:** 71

NAME: SOUTHWEST METAL COMPANY ADDRESS: 740 CONGRESS STREET SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36330036 ID2: STATUS: PROPERTY/SITE REFERRED PHONE:
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DATE	COMMENT
03251983	SUMP W/ UNK DISCOLORED LIQ-OVERFLOWING
03251983	TO YARD. PORTIONS OF YARD ARE UNPAVED.
03251983	WHITE SUBSTANCE TO GROUND and FLOOD CONTRL
03251983	CHANNEL. LARGE PILES OF BATTERY CASINGS.
03251983	NEIGHBOR COMPLAINED OF STRONG ACID SMELL
03251983	FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
07061983	INSPECTION(STATE) DHS. ISD INSP. FAC OUT OF BUSINESS.WASTE
07061983	STORED IN UNCONTROLLED MANNER.
08021983	ENFORCEMENT ACTION RWQCB SCHEDULE CLEANUP.
10121983	FACILITY IDENTIFIED ID FROM ERRIS
11291983	ENFORCEMENT ACTION RWQCB LETTER THREATENS ENF ACTION PERSU-
11291983	ANT TO DIV 7 OF CA CODE
02011984	HAZARD MITIGATED C-U OF AL CONTMN SOIL,REMOVAL OF ALL OIL
02011984	REMOVAL OF ALL STOCKPILED WASTES TO
02011984	APPROPRIATE DISP FAC. COMPLETED.
06261984	PERMIT(OTHER) RWQCB. WDR 78-58
06261984	T/C W/ RWQCB,714-684-9330 - SOURCE ACT:
06261984	BATTERY BREAKING-RECYCLING LEAD. FAC

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 14 **DIST/DIR:** 0.53 SE **MAP ID:** 71

NAME: SOUTHWEST METAL COMPANY ADDRESS: 740 CONGRESS STREET SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36330036 ID2: STATUS: PROPERTY/SITE REFERRED PHONE:
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DATE	COMMENT
06261984	TYPE: CONCRETE ACID PIT POND. C-U OF ALL
06261984	FINAL STRATEGY REOCM SAMPLING SOIL ADJ TO CO.
06261984	RWQCB,CO HLTH.
06261984	SUBMIT TO EPA
06261984	PRELIM ASSESS DONE RCRA 3012
05191989	SITE SCREENING DONE FIT PA REASSESSMENT COMPLETED 9/28/88
05191989	RECOMMENDED HIGH PRIORITY SSI; DHS
05191989	CONCURS WITH RECOMMENDATION
01141991	DHS RCVD FIT SSI- EPA RECOMMENDS LSI
01141991	6-1-90. STARTED LSI 9-18-90.
06011995	Site deleted based on memo/site visit report by Suzanne
06011995	Gandy.
08221995	EPA lead

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 13 **DIST/DIR:** 0.53 SE **MAP ID:** 72

NAME: SIGNAL OIL CO. ADDRESS: 173 SOUTH G STREET SAN BERNARDINO CA 92410 San Bernardino	REV: 07/03/00 ID1: CAL36130006 ID2: STATUS: NO FURTHER ACTION FOR DTSC PHONE:
CONTACT:	

OTHER SITE NAMES (blank below = not reported by agency)
SIGNAL OIL CO.

GENERAL SITE INFORMATION
File Name (if different than site name):

Status:	NO FURTHER ACTION FOR DTSC (NFA)
AWP Site Type:	N/A
NPL Site:	
Fund:	
Status Date:	03311989
Lead:	
Staff:	
Senior Supervisor:	MMONROY
DTSC Region and RWQCB :	4 / LONG BEACH
Branch:	SOUTHERN CA. - B
RWQCB:	
Site Access:	Uncontrolled
On Cortese List:	
Groundwater Contamination:	
Haz Ranking Score:	
Haz Ranking Score:	
Number of Sources Contributing to Contamination at the Site:	0

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)
CERCLA II

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity:	DISCOVERY (DISC)
Activity Status:	NO FURTHER ACTION FOR DTSC
Completion Due Date:	
Revised Completion Due Date:	
Date Activity Actually Completed:	01031983
Yards of Solids Removed:	0
Yards of Solids Treated:	0
Gallons of Liquid Removed:	0
Gallons of Liquid Treated:	0
Activity:	(SS)
Activity Status:	NO FURTHER ACTION FOR DTSC
Completion Due Date:	
Revised Completion Due Date:	

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 13 **DIST/DIR:** 0.53 SE **MAP ID:** 72

NAME: SIGNAL OIL CO. ADDRESS: 173 SOUTH G STREET SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36130006 ID2: STATUS: NO FURTHER ACTION FOR DTSC PHONE:
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Date Activity Actually Completed: 03201987
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: (PA)
Activity Status: NO FURTHER ACTION FOR DTSC

Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 03311989
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: (SS)
Activity Status: NO FURTHER ACTION FOR DTSC

Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 11011994
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

DATE	COMMENT
01031983	FACILITY IDENTIFIED TELEPHONE DIRECTORY (1950)
DATE	COMMENT
01031983	OIL COMPANY
DATE	COMMENT
03241983	FACILITY DRIVE-BY COMPANY NOT IN BUSINESS ANY LONGER
DATE	COMMENT
03241983	4 PIPES PROTUDING FROM GROUND ON-SITE
DATE	COMMENT
03241983	GAS AND OIL ODOR EMINATING FROM PIPES.
DATE	COMMENT
03241983	LARGE PIT (EMPTY) EXCAVATED ON SITE
DATE	COMMENT
03241983	VACANT LOT
DATE	COMMENT
03241983	FINAL STRATEGY SITE REFERRED: TO HWMB-ENFORCEMENT LA
DATE	COMMENT
03201987	SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 13	DIST/DIR: 0.53 SE	MAP ID: 72
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NAME: SIGNAL OIL CO. ADDRESS: 173 SOUTH G STREET SAN BERNARDINO CA 92410 San Bernardino	REV: 07/03/00 ID1: CAL36130006 ID2: STATUS: NO FURTHER ACTION FOR DTSC PHONE:
CONTACT:	

DATE	COMMENT
03311989	PRELIM ASSESS DONE NFA FOR DHS

DATE	COMMENT
04141989	SUBMIT TO EPA NFA FOR EPA

DATE	COMMENT
11011994	DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 9 **DIST/DIR:** 0.77 NE **MAP ID:** 73

NAME: INLAND BEHAVIORAL and HEALTH SVCS. - SAN B	REV: 07/18/05
ADDRESS: 665 and 671 NORTH D STREET	ID1: CAL33800003
SAN BERNARDINO CA 92401	ID2:
RIVERSIDE	STATUS: NO ACTION - FOR CALMORTGAGE
CONTACT:	PHONE:

OTHER SITE NAMES (blank below = not reported by agency)

INLAND BEHAVIORAL and HEALTH SVCS. - SAN B

INLAND BEHAVIORAL and HEALTH SVCS.

GENERAL SITE INFORMATION

File Name (if different than site name): INLAND BEHAVIORAL and HEALTH SVCS.

Status: NO ACTION - FOR CALMORTGAGE ONLY

AWP Site Type: CALMORTGAGE ONLY

NPL Site: N

Fund:

Status Date: 06042002

Lead: DEPT OF TOXIC SUBSTANCES CONTROL

Staff: SKARINEN

DTSC Region and RWQCB : CYPRESS

Branch: CALMORTGAGE

RWQCB: SANTA ANA

Site Access:

Groundwater Contamination:

Number of Sources Contributing to Contamination at the Site: 0

OTHER AGENCY ID NUMBERS (blank below = not reported by agency)

ID SOURCE NAME, and VALUE: CALSTARS CODE 401041

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity: PHASE I - CALMORTGAGE AND SCHOOL SITE PROPERTIES

Activity Status: NO ACTION - FOR CALMORTGAGE ONLY

Completion Due Date:

Revised Completion Due Date:

Date Activity Actually Completed: 06042002

Yards of Solids Removed: 0

Yards of Solids Treated: 0

Gallons of Liquid Removed: 0

Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

Comments Date:

: Pursuant to the MOU, DTSC has reviewed a Phase I Environmental Site Assessment Report and other documents for Inland Behavioral and Health Services, Inc. (IBHS). The subject property is currently vacant. IBHS is proposing to construct a new health center on the subject property. A Supplemental Phase I Environmental Assessment Report was prepared by DTSC and concluded that no action was needed for this property; there is no contamination on the property.

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 11 **DIST/DIR:** 0.85 SE **MAP ID:** 74

NAME: QUALITY PLATING INC. ADDRESS: 456 SOUTH I ST. SAN BERNARDINO CA 92410 San Bernardino	REV: 07/03/00 ID1: CAL36340031 ID2: STATUS: PROPERTY/SITE REFERRED PHONE:
CONTACT:	

OTHER SITE NAMES (blank below = not reported by agency)

OTHER SITE NAMES (blank below = not reported by agency)

JHG METAL FINISHING CO

GENERAL SITE INFORMATION

File Name (if different than site name):

Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY (REFOA)
AWP Site Type:	N/A
NPL Site:	
Fund:	
Status Date:	08211995
Lead:	
Staff:	JABRAHAM
Senior Supervisor:	MMONROY
DTSC Region and RWQCB :	4 / LONG BEACH
Branch:	SOUTHERN CA. - B
RWQCB:	SANTA ANA
Site Access:	Controlled
On Cortese List:	Delisted
Groundwater Contamination:	
Haz Ranking Score:	
Haz Ranking Score:	
Number of Sources Contributing to Contamination at the Site:	0

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)

CERCLA II

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity:	DISCOVERY (DISC)
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:	
Revised Completion Due Date:	
Date Activity Actually Completed:	01111983
Yards of Solids Removed:	0
Yards of Solids Treated:	0
Gallons of Liquid Removed:	0
Gallons of Liquid Treated:	0
Activity:	(SS)
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 11 **DIST/DIR:** 0.85 SE **MAP ID:** 74

NAME: QUALITY PLATING INC. ADDRESS: 456 SOUTH I ST. SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36340031 ID2: STATUS: PROPERTY/SITE REFERRED PHONE:
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Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 03201987
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: (PA)
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 03311989
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: (SS)
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 10251994
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

DATE	COMMENT
01111983	FACILITY IDENTIFIED ID VIA TELEPHONE DIRECTORY (1972)
DATE	COMMENT
01111983	PLATING FIRM
DATE	COMMENT
03281983	FACILITY DRIVE-BY FIRM NOW JHG METAL FINISHING CO. ACTIVE
DATE	COMMENT
03281983	PLATING FIRM; POOR HOUSEKEEPING. DISCOLR
DATE	COMMENT
03281983	SOIL ON ADJ VACANT LOT. DISCH TO STREET
DATE	COMMENT
03281983	and PAVEMENT
DATE	COMMENT
03281983	FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
DATE	COMMENT
03201987	SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED.

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 11 **DIST/DIR:** 0.85 SE **MAP ID:** 74

NAME: QUALITY PLATING INC. ADDRESS: 456 SOUTH I ST. SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36340031 ID2: STATUS: PROPERTY/SITE REFERRED PHONE:
--	--

DATE	COMMENT
09011987	REPORTED FOR PROP65
01011988	ON CORTESE LIST
03311989	GROUND PHOTOS PHOTOS OF CURRENT FACILITY WITH TRUCK
03311989	WAREHOUSE ON SITE. PICTURES OF ABOVE
03311989	GROUND STORAGE TANK.
03311989	PRELIM ASSESS DONE A MEDIUM PRIORITY SSI IS RECOMMENDED
03311989	UNDER DHS BASED ON A HISTORY OF POOR
03311989	TOXIC WASTE MANAGEMENT AT QUALITY
03311989	PLATING, INC AND A HIGH GROUNDWATER
03311989	TARGET POPULATION
05011989	SUBMIT TO EPA MEDIUM PRIORITY SSI RECOMMENDED UNDER
05011989	CERCLA2
10251994	There is no evidence of a documented release. Staff
10251994	recommends NFA for DTSC.
08211995	EPA lead.

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 8 **DIST/DIR:** 0.87 SE **MAP ID:** 75

NAME: HANFORD FOUNDRY
ADDRESS: 119 SOUTH ARROWHEAD AVENUE
SAN BERNARDINO CA 92408
SAN BERNARDINO
CONTACT:
REV: 07/18/05
ID1: CAL36330011
ID2:
STATUS: VOLUNTARY CLEANUP PROGRAM
PHONE:

OTHER SITE NAMES (blank below = not reported by agency)

HANFORD FOUNDRIES

RICHARDSON BODY SHOP

UPLAND FOUNDRY

HANFORD FOUNDRY CO.

HANFORD FOUNDRY

GENERAL SITE INFORMATION

File Name (if different than site name):

Status: VOLUNTARY CLEANUP PROGRAM
AWP Site Type: VOLUNTARY CLEANUP PROGRAM
NPL Site: N
Fund:
Status Date: 07192004
Lead: DEPT OF TOXIC SUBSTANCES CONTROL
Staff: CDRUMM
DTSC Region and RWQCB : CYPRESS
Branch: SO CAL - CYPRESS
RWQCB: SANTA ANA
Site Access:
Groundwater Contamination:
Number of Sources Contributing to Contamination at the Site: 0

OTHER AGENCY ID NUMBERS (blank below = not reported by agency)

ID SOURCE NAME, and VALUE: EPA IDENTIFICATION NUMBER CAD981630833

ID SOURCE NAME, and VALUE: CALSITES ID NUMBER 36330011

ID SOURCE NAME, and VALUE: CALSTARS CODE 401251

BACKGROUND INFORMATION (blank below = not reported by agency)

The Hanford Foundry Co. site is located at 119 South Arrowhead Ave. in San Bernardino, San Bernardino County, California. The site lies within a predominantly commercial and residential area although the area is zoned as light industrial. Founded by the Hanford family, the site was owned and occupied from 1892 to 1986. Onsite foundry work ceased in 1986 and in 1987, the Hanford Foundry Co. declared bankruptcy and the Hanford Foundries Trust was formed to liquidate the company assets. The site is currently a vacant lot with sparse vegetation. Historic documents reveal that prior to 1986 the site housed a laboratory, a steel foundry with a sand-mixing area, a 1,000 gallon underground fuel tank, a transformer, an office building, sand bins, a scrap storage area and two buildings of unknown operations. In 1986, all onsite structures were demolished and all equipment was removed from the site. The foundry produced commercial pumps, and cement and oil tool castings using steel, stainless steel, or high temperature alloys. Sand and silica were used as molds for casting the metal products. Foundry operations generated wastes including spent sand and silica but information regarding onsite waste-handling practices is unknown. Records indicate that during the foundry's operation, the City of San Bernardino Refuse Department transported the spent sand and silica off site to a local landfill. In 1987, the Hanford Foundries Trust hired an environmental consultant, CHJ, Inc., to sample onsite soils prior to selling the property. Analytical results indicated the presence of various metals in onsite surface soils. In 1983, the DTSC conducted a drive-by inspection of the site and documented piles of waste material on site east of the foundry and existing buildings, but in 1988, a second DTSC drive-by inspection documented that the site was a vacant lot. In October 1989, DTSC completed a Preliminary

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 8 **DIST/DIR:** 0.87 SE **MAP ID:** 75

NAME: HANFORD FOUNDRY
ADDRESS: 119 SOUTH ARROWHEAD AVENUE
SAN BERNARDINO CA 92408
SAN BERNARDINO
CONTACT:

REV: 07/18/05
ID1: CAL36330011
ID2:
STATUS: VOLUNTARY CLEANUP PROGRAM
PHONE:

Assessment of the site for U.S. EPA. To further assess the site, in May of 1982, U.S. EPA conducted a Site Inspection. The purpose of the PA and SI was to review existing information on the site and its environs to assess the threat(s), if any, posed to public health, welfare, or the environment, and to determine if further action under CERCLA/SARA is warranted. After reviewing the PA and SI, EPA decided that further investigation of the foundry would be necessary. U.S. EPA then used the Hazard Ranking System (HRS) criteria to assess the relative threat associated with the actual or potential releases of hazardous substances at the site. Analytical results of onsite soil and groundwater sample collected in 1991 during the SI, and soil samples collected during the ESI in March 1995 indicated the presence of chromium and nickel. DTSC became the lead agency for the Hanford Foundry site in July 2004. Responsible parties entered a Voluntary Cleanup Agreement with DTSC and currently, a thorough Site Investigation is under way.

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)

CERCLA II

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity: DISCOVERY
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 01/17/1983
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: SITE SCREENING
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 03/11/1987
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: SITE SCREENING
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 10/06/1994
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

Comments Date:

: FACILITY IDENTIFIED ID VIA PHONE DIRECTORY (1945) FOUNDRY COMPANY (1953,1965) Shaw Environmental submits amended Draft Site Characterization Workplan. SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED FACILITY DRIVE-BY PILES OF WASTE MATERIAL EAST OF FOUNDRY FINAL STRATEGY SITE REFERRED TO HWMB/ENF - LOS ANGELES This site is currently under investigation by the U.S. EPA in the conduct of the Site Assessment Program under CERCLA/SARA. SUBMIT TO EPA EPA RECOM: SITE INSPECTION (HIGH) PRELIM ASSESS DONE STATE RECOMMENDS HIGH PRIORITY SI FACILITY DRIVE-BY RICHARDSON BODY SHOP ON SITE DTSC entered into a Voluntary Cleanup Agreement (VCA) With Kenneth C. Bussey Trust for the Hanford Foundry Site. The purpose of the agreement is for DTSC to oversee a site characterization and, if necessary, a removal action. EPA lead Based on the submitted information, DTSC found

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 8	DIST/DIR: 0.87 SE	MAP ID: 75
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NAME: HANFORD FOUNDRY ADDRESS: 119 SOUTH ARROWHEAD AVENUE SAN BERNARDINO CA 92408 SAN BERNARDINO CONTACT:	REV: 07/18/05 ID1: CAL36330011 ID2: STATUS: VOLUNTARY CLEANUP PROGRAM PHONE:
--	---

that further site characterization was required at the site. DTSC recommended that a sampling and analysis plan be submitted for review. Staff's review of files indicates no further action. EPA Expanded Site Inspection conducted at Hanford Foundry site. Shaw Environmental submits Work Plan to DTSC. DTSC provides comments on Draft Workplan.

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 12 **DIST/DIR:** 0.97 SE **MAP ID:** 76

NAME: RAILROAD STORAGE YARD	REV: 07/03/00
ADDRESS: 570 WEST MILL STREET	ID1: CAL36400001
SAN BERNARDINO CA 92410	ID2:
San Bernardino	STATUS: NO FURTHER ACTION FOR DTSC
CONTACT:	PHONE:

OTHER SITE NAMES (blank below = not reported by agency)
RAILROAD STORAGE YARD

GENERAL SITE INFORMATION
File Name (if different than site name):

Status:	NO FURTHER ACTION FOR DTSC (NFA)
AWP Site Type:	N/A
NPL Site:	
Fund:	
Status Date:	04141995
Lead:	
Staff:	
Senior Supervisor:	MMONROY

DTSC Region and RWQCB :	4 / LONG BEACH
Branch:	SOUTHERN CA. - B
RWQCB:	SANTA ANA
Site Access:	Uncontrolled
On Cortese List:	
Groundwater Contamination:	
Haz Ranking Score:	
Haz Ranking Score:	
Number of Sources Contributing to Contamination at the Site:	0

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)
CERCLA II

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity:	DISCOVERY (DISC)
Activity Status:	NO FURTHER ACTION FOR DTSC
Completion Due Date:	
Revised Completion Due Date:	
Date Activity Actually Completed:	04191983
Yards of Solids Removed:	0
Yards of Solids Treated:	0
Gallons of Liquid Removed:	0
Gallons of Liquid Treated:	0

Activity:	(SS)
Activity Status:	NO FURTHER ACTION FOR DTSC
Completion Due Date:	
Revised Completion Due Date:	
Date Activity Actually Completed:	03201987
Yards of Solids Removed:	0

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 12 **DIST/DIR:** 0.97 SE **MAP ID:** 76

NAME: RAILROAD STORAGE YARD ADDRESS: 570 WEST MILL STREET SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36400001 ID2: STATUS: NO FURTHER ACTION FOR DTSC PHONE:
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Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: (PA)
Activity Status: NO FURTHER ACTION FOR DTSC
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 09281987
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

DATE	COMMENT
04191983	FACILITY IDENTIFIED LOCATED DURING DRIVE BY.
04191983	FACILITY DRIVE-BY PICTURE TAKEN. SCATTERED DRUMS IN POOR
04191983	CONDITION, CONTENT UNK. OPEN WAREHOUSE
04191983	W/ LARGE FENCED AREA IN FRONT. APPEARS
04191983	TO BE USED AS A CONTRACTOR STORAGE AREA.
04191983	FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
03201987	SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED.
06171987	GROUND PHOTOS VACANT LOT, NO BLD ON SITE
06231987	CO HLTH--NO FILES
08061987	CITY FIRE DEPT: FIRE ON SITE IN LATE
08061987	1983 OR EARLY 1984
09281987	PRELIM ASSESS DONE NO EVIDENCE OF CONTAMINATION ON SITE
09281987	AREA CLEANED AND DRUMS REMOVED PER CO

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

STATE

SEARCH ID: 12	DIST/DIR: 0.97 SE	MAP ID: 76
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NAME: RAILROAD STORAGE YARD ADDRESS: 570 WEST MILL STREET SAN BERNARDINO CA 92410 San Bernardino CONTACT:	REV: 07/03/00 ID1: CAL36400001 ID2: STATUS: NO FURTHER ACTION FOR DTSC PHONE:
--	--

DATE	COMMENT
09281987	HLTH DEPT.
11161987	SUBMIT TO EPA EPA/DHS NFA: NOT AN NPL SITE
04141995	NFA FOR DTSC.

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 126

DIST/DIR: NON GC

MAP ID:

NAME: HUBBS WEST 7TH STREET LF
ADDRESS: WEST 7TH ST/ GARCIA ST
SAN BERNARDINO CA
SAN BERNARDINO

REV: 08/24/00
ID1: SWIS36-CR-0049
ID2:
STATUS: CLOSED
PHONE:

CONTACT:

Activity: *Solid Waste Disposal Site*
Accepted Waste:
Operational Status: *Closed*
Regulatory Status: *Unpermitted*
Closure Date:
Closure Type:
Permitted Throughput with Units: 0
Permitted Capacity with Units: 0
Remaining Capacity with Units (landfills only): 0
Permitted Total Acreage: 0
Permitted Disposal Acreage: 0
Last Tire Inspection Count: 0
Last Tire Inspection Count Date:
Original Tire Inspection Count: 0
Last Tire Inspection Count Date:
Inspection Frequency: *None*

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 130

DIST/DIR: NON GC

MAP ID:

NAME: LA BARCA AUTO SERVICE
ADDRESS: 2274 N CABRERA AVE
SAN BERNARDINO CA 92411
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0009712
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: LIMITED QUANTITY GENERATOR(B)
Permit Number: PT0016552
Status: ACTIVE
Expiration Date: 4/30/2007 12:00:00AM
Facility Phone:
Owner Name: GONZALES, ALBERTO J.
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: SPECIAL HANDLER
Permit Number: PT0016553
Status: ACTIVE
Expiration Date: 4/30/2007 12:00:00AM
Facility Phone:
Owner Name: GONZALES, ALBERTO J.
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 129 **DIST/DIR:** NON GC **MAP ID:**

NAME: J U N IRON WORKS ADDRESS: 2292 N CABRERA AVE SAN BERNARDINO CA 92411 San Bernardino CONTACT:	REV: 04/16/08 ID1: CAL000190587 ID2: STATUS: ACTIVE PHONE:
---	---

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: 10/12/1999

Inactivity Date:

Facility Mail Name:

Facility Mailing Address: 2292 N CABRERA AVE, SAN BERNARDINO, CA 92411-0000

Owner Name: JOSE URIBE

Owner Address: 2292 N CABRERA AVE, SAN BERNARDINO, CA 92411-0000

Contact Name: JOSE URIBE

Contact Address: 2292 N CABRERA AVE, SAN BERNARDINO, CA 92411-0000

Contact Phone: 9093761399

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:
 1999 Total Tonnage:
 1998 Waste Type:
 1998 Total Tonnage:
 1997 Waste Type:
 1997 Total Tonnage:
 1996 Waste Type:
 1996 Total Tonnage:
 1995 Waste Type:
 1995 Total Tonnage:
 1994 Waste Type:
 1994 Total Tonnage:
 1993 Waste Type:
 1993 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2007:

2007 Waste Type:
 2007 Total Tonnage:
 2006 Waste Type:
 2006 Total Tonnage:
 2005 Waste Type:
 2005 Total Tonnage:
 2004 Waste Type:
 2004 Total Tonnage:
 2003 Waste Type:
 2003 Total Tonnage:
 2002 Waste Type: Other organic solids
 2002 Total Tonnage: 0.1
 2001 Waste Type:
 2001 Total Tonnage:
 2000 Waste Type: Other organic solids
 2000 Total Tonnage: 0.12

Environmental FirstSearch
Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

PERMITS

SEARCH ID: 128

DIST/DIR: NON GC

MAP ID:

NAME: FELIX AUTOMOTIVE
ADDRESS: 2230 N CABRERA AVE
SAN BERNARDINO CA 92411
San Bernardino

REV: 04/16/08
ID1: CAL000216195
ID2:
STATUS: ACTIVE
PHONE:

CONTACT:

**THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :**

Date Record was Created: 1/25/2000

Inactivity Date:

Facility Mail Name:

Facility Mailing Address:

2230 N CABRERA AVE, SAN BERNARDINO, CA 92411-0000

Owner Name:

RICARDO FELIX

Owner Address:

1693 CARMEL CT, BEAUMONT, CA 92223-0000

Contact Name:

RICARDO FELIX - OWNER

Contact Address:

2230 N CABRERA AVE, SAN BERNARDINO, CA 92411-0000

Contact Phone:

9098808155

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:

1999 Total Tonnage:

1998 Waste Type:

1998 Total Tonnage:

1997 Waste Type:

1997 Total Tonnage:

1996 Waste Type:

1996 Total Tonnage:

1995 Waste Type:

1995 Total Tonnage:

1994 Waste Type:

1994 Total Tonnage:

1993 Waste Type:

1993 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2007:

2007 Waste Type:

2007 Total Tonnage:

2006 Waste Type:

2006 Total Tonnage:

2005 Waste Type:

2005 Total Tonnage:

2004 Waste Type:

2004 Total Tonnage:

2003 Waste Type:

2003 Total Tonnage:

2002 Waste Type:

2002 Total Tonnage:

2001 Waste Type:

2001 Total Tonnage:

2000 Waste Type:

2000 Total Tonnage:

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

ERNS

SEARCH ID: 125

DIST/DIR: NON GC

MAP ID:

NAME:

ADDRESS: 2915 S RIVERSIDE AVE
SAN BERNARDINO CA
SAN BERNARDINO

CONTACT: GEORGE THEODORIDIS

REV:

12/31/05

ID1:

NRC-769150

ID2:

STATUS: MOBILE

PHONE: 9095389745

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED:

8/15/2005 3:18:17 PM

8/15/2005 3:11:44 PM

DATE COMPLETE:

CALL TAKER:

KLW5156

CALL TYPE:

INC

RESPONSIBLE PARTY:

GEORGE THEODORIDIS

PHONE 1:

9095389745 PRIMARY

PHONE 2:

PHONE 3:

RESPONSIBLE COMPANY:

SUPERIOR TANK LINES

ORGANIZATION TYPE:

UNKNOWN

ADDRESS:

CA

SOURCE:

TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER STATED THERE WAS A RELEASE OF MATERIALS DUE TO OPERATOR ERROR. MATERIALS WERE OVER FILLED AND RELEASED INTO A CEMENT CONTAINMENT AREA.

INCIDENT TYPE:

MOBILE

INCIDENT CAUSE:

OPERATOR ERROR

INCIDENT DATE:

8/15/2005 12:00:00 PM

INCIDENT DATE DESC:

OCCURRED

DISTANCE FROM CITY:

DISTANCE UNITS:

DIRECTION FROM CITY:

LOCATION SECTION:

LOCATION TOWNSHIP:

LOCATION RANGE:

AIRCRAFT TYPE:

AIRCRAFT MODEL:

AIRCRAFT ID:

AIRCRAFT FUEL CAPACITY:

AIRCRAFT FUEL CAPACITY UNITS:

AIRCRAFT FUEL ON BOARD:

AIRCRAFT FUEL ON BOARD UNITS:

AIRCRAFT SPOT NUMBER:

AIRCRAFT HANGER:

AIRCRAFT RUNWAY NUM:

ROAD MILE MARKER:

BUILDING ID:

TYPE OF FIXED OBJECT:

POWER GEN FACILITY:

U

GENERATING CAPACITY:

TYPE OF FUEL:

NPDES:

NPDES COMPLIANCE:

U

PIPELINE TYPE:

DOT REGULATED:

U

PIPELINE ABOVE GROUND:

ABOVE

EXPOSED UNDERWATER:

N

PIPELINE COVERED:

U

GRADE CROSSING:

N

LOCATION SUBDIVISION:

RAILROAD MILEPOST:

TYPE VEHICLE INVOLVED:

CROSSING DEVICE TYPE:

DEVICE OPERATIONAL:

Y

DOT CROSSING NUMBER:

BRAKE FAILURE:

N

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

ERNS

SEARCH ID: 125 **DIST/DIR:** NON GC **MAP ID:**

NAME: ADDRESS: 2915 S RIVERSIDE AVE SAN BERNARDINO CA SAN BERNARDINO CONTACT: GEORGE THEODORIDIS	REV: 12/31/05 ID1: NRC-769150 ID2: STATUS: MOBILE PHONE: 9095389745
---	--

TANK ABOVE GROUND: ABOVE TANK REGULATED: U TANK ID: CAPACITY OF TANK UNITS: ACTUAL AMOUNT UNITS: PLATFORM LETTER: LOCATION BLOCK ID:	TRANSPORTABLE CONTAINER: U TANK REGULATED BY: CAPACITY OF TANK: ACTUAL AMOUNT: PLATFORM RIG NAME: LOCATION AREA ID:	
---	--	--

DESCRIPTION OF TANK:

OCSG NUMBER: STATE LEASE NUMBER: BERTH SLIP NUMBER: INITIAL CONT RELEASE NUM: ALLISION: N STRUCTURE NAME: AIRBAG DEPLOYED: SERVICE DISRUPT TIME: TRANSIT BUS FLAG: CR END DATE:	OCCSP NUMBER: PIER DOCK NUMBER: CONTIN RELEASE TYPE: CONT RELEASE PERMIT: TYPE OF STRUCTURE: STRUCT OPERATIONAL: U DATE NORMAL SERVICE: SERVICE DISRUPT UNITS: CR BEGIN DATE: CR CHANGE DATE:	
FIRE INVOLVED: N ANY EVACUATIONS: N WHO EVACUATED: ANY INJURIES: N NUMBER HOSPITALIZED: NUMBER FATALITIES: DAMAGE AMOUNT: AIR CORRIDOR DESC: WATERWAY CLOSED: N WATERWAY CLOSURE TIME: ROAD DESC: CLOSURE DIRECTION:	FIRE EXTINGUISHED: U NUMBER EVACUATED: RADIUS OF EVACUATION: NUMBER INJURED: ANY FATALITIES: N ANY DAMAGES: N AIR CORRIDOR CLOSED: N AIR CLOSURE TIME: WATERWAY DESC: ROAD CLOSED: N ROAD CLOSURE TIME: MAJOR ARTERY: N	
TRACK CLOSED: N TRACK CLOSURE TIME: MEDIUM DESC: LAND BODY OF WATER: NEAREST RIVER MILE MARK: EST DUR OF RELEASE: TRACK CLOSE DIR: ST AGENCY RPT NUM: 05-4790 WEATHER CONDITIONS: OVERCAST WIND SPEED: WATER SUPPLY CONTAM: U SHEEN COLOR: SHEEN ODOR DESCRIPTION: CURRENT SPEED: WATER TEMPERATURE:	TRACK DESC: MEDIA INTEREST: NONE ADDTL MEDIUM INFO: CONTAINMENT AREA. TRIBUTARY OF: RELEASE SECURED: Y RELEASE RATE: ST AGENCY ON SCENE: NONE OTHER AGENCY NOTIFIED: AIR TEMPERATURE: 70 WIND DIRECTION: SHEEN SIZE: DIR OF SHEEN TRAVEL: WAVE CONDITION: CURRENT DIRECTION:	

DESC OF REMEDIAL ACTION: THEY WASHED DOWN THE AREA WITH A HOSE AND USED DIAPERS ON THE SPILL AREA.

EMPL FATALITY: **PASS FATALITY:**

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

ERNS

SEARCH ID: 125

DIST/DIR: NON GC

MAP ID:

NAME:

ADDRESS: 2915 S RIVERSIDE AVE
SAN BERNARDINO CA
SAN BERNARDINO
CONTACT: GEORGE THEODORIDIS

REV: 12/31/05

ID1: NRC-769150

ID2:

STATUS: MOBILE

PHONE: 9095389745

COMMUNITY IMPACT: N

EMPLOYEE INJURIES:

OCCUPANT FATALITY:

ROAD CLOSURE UNITS:

SHEEN SIZE UNITS:

FED AGENCY NOTIFIED: NONE

SHEEN SIZE LENGTH:

SHEEN SIZE WIDTH:

OFFSHORE: N

RELEASE RATE UNIT:

WIND SPEED UNITS:

PASSENGER INJURIES:

CURRENT SPEED UNITS:

TRACK CLOSURE UNITS:

STATE AGENCY NOTIFIED: OES

NEAREST RIVER MILE MARK:

SHEEN SIZE LENGTH UNITS:

SHEEN SIZE WIDTH UNITS:

DURATION UNIT:

RELEASE RATE RATE:

ADDITIONAL INFO: NO ADDITIONAL INFORMATION.

MATERIAL INFORMATION

CHRIS CODE: GAS

UN NUMBER:

CASE NUMBER: 000000-00-0

REACHED WATER: NO

NAME OF MATERIAL: GASOLINE: AUTOMOTIVE (UNLEADED)

AMOUNT OF MATERIAL: 1 GALLON(S)

AMOUNT IN WATER:

OTHER MATERIAL INFORMATION

VEHICLE NUMBER: 202

VEHICLE FUEL CAPACITY:

AMOUNT OF CARGO ON BOARD:

CARRIER LICENSED: U

MOBILE TYPE: TANKER TRUCK

VEHICLE MAKE:

TRAILER NUMBER: 303

CARGO CAPACITY:

HAZMAT CARRIER: U

NONCOMPLIANCE WITH HAZMAT: U

VEHICLE YEAR:

VEHICLE MODEL:

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

CERCLIS

SEARCH ID: 124

DIST/DIR: NON GC

MAP ID:

NAME: QUICKSILVER BELLS MERCURY
ADDRESS: 1019 W 6TH STREET
SAN BERNARDINO CA
SAN BERNARDINO
CONTACT: JEANNIE WONG

REV: 5/27/09
ID1: CAN000908695
ID2: 0908695
STATUS: NOT PROPOSED
PHONE: 4159723079

DETAILS NOT AVAILABLE

Environmental FirstSearch

Site Detail Report

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 127

DIST/DIR: NON GC

MAP ID:

NAME: LANDFILL,SAN BDNO,INERT
ADDRESS: W 7TH ST
SAN BERNARDINO CA
SAN BERNARDINO
CONTACT: DONALD HUBBS

REV: 07/03/00
ID1: WMUD8 360340001
ID2: 36-AA-0080
STATUS: ACTIVE
PHONE:

WMUDS FACILITY INFORMATION (blank = not reported)

Regional ID :

NPDES ID :

Region: 8

Edit Date: 6/22/94

Last Edit: BDNBDNBDN

Waste Discharger Facility: Yes

Sub Chapter 15 Facility: No

Solid Waste Assessment Test Site: Yes

Toxic Pits Cleanup Act Facility: No

RCRA Facility: No

Department of Defense Facility: No

Municipal Solid Waste Facility: No

Total WMUS at Facility: 1

Facility Open to the Public: No

Facility Type: OTH

SIC 1 and SIC 2: 4953 /

Primary Waste Type: INERT: SOLID WASTES

Secondary Waste Type:

Tons Per Day: 0

Complexity: CATEGORY C - Any facility not included in A or B. This would include facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and di

LAND OWNER INFORMATION

Land Owner: JESSE HUBBS and SONS

Department:

Contact and Phone: DANNY HUBBS, 7148751161

Land Owner Address: 150 SOUTH LARCH, RIALTO, CA 92376

AGENCY INFORMATION

Agency Name: HUBBS, JESSE AND SONS

Department: CONTROLLER

Agency Contact and Phone: DONALD HUBBS,

WASTE MANAGEMENT UNIT INFORMATION (blank = not reported)

WMU ID : 8 360340001-01

WMU Status: OPERATING

WMU Size in Acres: 4

Year WMU Will Reach Capacity:

Close Plan: 0

Avg Depth to Groundwater: 50

Primary Liner Present: 0

SOLID WASTE ASSESSMENT TEST PROGRAM INFORMATION (SWAT) (blank = not reported)

Site Name:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

SWL

SEARCH ID: 127

DIST/DIR: NON GC

MAP ID:

NAME: LANDFILL,SAN BDNO,INERT
ADDRESS: W 7TH ST
SAN BERNARDINO CA
SAN BERNARDINO
CONTACT: DONALD HUBBS

REV: 07/03/00
ID1: WMUD8 360340001
ID2: 36-AA-0080
STATUS: ACTIVE
PHONE:

Site Rank: 5
Leak to Surface Water:
Leak to Ground:
Leak to Vandose Zone:

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

Federal IC / EC: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

State/Tribal Sites: CA EPA SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at

properties that may have been affected by the release of hazardous substances. The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
 2. School Property Evaluation Program Properties (SCH)
 3. Voluntary Cleanup Program Properties (VCP)
 4. Unconfirmed Properties Needing Further Evaluation (RFE)
- Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
 6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:

1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CALSITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).

Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

State Spills 90: *CA EPA* SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: *CA IWMB/SWRCB/COUNTY* SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..

Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.

Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: *CA SWRCB/COUNTY* LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.

SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.

State/Tribal UST/AST: *CA EPA/COUNTY/CITY* ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a

groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.

SWEEPS / FIDS STATE REGISTERED UNDERGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.

INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9.

CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.

Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefore, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: CA EPA DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: CA EPA SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type VC. Each Category contains information on properties based upon the type of work taking place at the site. The VC category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

RADON: NTIS NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Permits: CA COUNTY SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.

SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

State Other: CA EPA/COUNTY SMBRPD / CAL SITES- The California Department of Toxic Substances

Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

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4. Unconfirmed Properties Needing Further Evaluation (RFE)
- Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.

ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.

RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.

SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.

SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

State Other: *US DOJ* NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPA Environmental Protection Agency.

Updated quarterly

RCRA NLR: EPA Environmental Protection Agency

Updated quarterly

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency

Updated semi-annually

Tribal Lands: DOI/BIA United States Department of the Interior

Updated annually

State/Tribal Sites: CA EPA The CAL EPA, Depart. Of Toxic Substances Control

Phone: (916) 323-3400

Updated quarterly/when available

State Spills 90: CA EPA The California State Water Resources Control Board

Updated when available

State/Tribal SWL: CA IWMB/SWRCB/COUNTY The California Integrated Waste Management Board

Phone:(916) 255-2331

The State Water Resources Control Board

Phone:(916) 227-4365

Orange County Health Department

Updated quarterly/when available

State/Tribal LUST: CA SWRCB/COUNTY The California State Water Resources Control Board

Phone:(916) 227-4416

San Diego County Department of Environmental Health

Updated quarterly/when available

State/Tribal UST/AST: CA EPA/COUNTY/CITY The State Water Resources Control Board

Phone:(916) 227-4364

CAL EPA Department of Toxic Substances Control

Phone:(916)227-4404

US EPA Region 9 Underground Storage Tank Program

Phone: (415) 972-3372

ALAMEDA COUNTY CUPAS:

* County of Alameda Department of Environmental Health

* Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union

ALPINE COUNTY CUPA:

* Health Department (Only updated by agency sporadically)

AMADOR COUNTY CUPA:

* County of Amador Environmental Health Department

BUTTE COUNTY CUPA

* County of Butte Environmental Health Division (Only updated by agency biannually)

CALAVERAS COUNTY CUPA:

* County of Calaveras Environmental Health Department

COLUSA COUNTY CUPA:

* Environmental Health Dept.

CONTRA COSTA COUNTY CUPA:

* Hazardous Materials Program

DEL NORTE COUNTY CUPA:

* Department of Health and Social Services

EL DORADO COUNTY CUPAS:

* County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually)

* County of El Dorado EMD Tahoe Division (Only updated by agency annually)

FRESNO COUNTY CUPA:

* Haz. Mat and Solid Waste Programs

GLENN COUNTY CUPA:

* Air Pollution Control District

HUMBOLDT COUNTY CUPA:

* Environmental Health Division

IMPERIAL COUNTY CUPA:

* Department of Planning and Building

INYO COUNTY CUPA:

* Environmental Health Department

KERN COUNTY CUPA:

- * County of Kern Environmental Health Department
- * City of Bakersfield Fire Department

KINGS COUNTY CUPA:

- * Environmental Health Services

LAKE COUNTY CUPA:

- * Division of Environmental Health

LASSEN COUNTY CUPA:

- * Department of Agriculture

LOS ANGELES COUNTY CUPAS:

- * County of Los Angeles Fire Department CUPA Data as maintained by the Los Angeles County Department of Public Works
- * County of Los Angeles Environmental Programs Division
- * Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los Angeles, Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon

MADERA COUNTY CUPA:

- * Environmental Health Department

MARIN COUNTY CUPA:

- * County of Marin Office of Waste Management
- * City of San Rafael Fire Department

MARIPOSA COUNTY CUPA:

- * Health Department

MENDOCINO COUNTY CUPA:

- * Environmental Health Department

MERCED COUNTY CUPA:

- * Division of Environmental Health

MODOC COUNTY CUPA:

- * Department of Agriculture

MONO COUNTY CUPA:

- * Health Department

MONTEREY COUNTY CUPA:

- * Environmental Health Division

NAPA COUNTY CUPA:

- * Hazardous Materials Section

NEVADA COUNTY CUPA:

- * Environmental Health Department

ORANGE COUNTY CUPAS:

- * County of Orange Environmental Health Department
- * Cities of Anaheim, Fullerton, Orange, Santa Ana
- * County of Orange Environmental Health Department

PLACER COUNTY CUPAS:

- * County of Placer Division of Environmental Health Field Office
- * Tahoe City
- * City of Roseville Roseville Fire Department

PLUMAS COUNTY CUPA:

- * Environmental Health Department

RIVERSIDE COUNTY CUPA:

- * Environmental Health Department

SACRAMENTO COUNTY CUPA:

- * County Environmental Mgmt Dept, Haz. Mat. Div.

SAN BENITO COUNTY CUPA:

- * City of Hollister Environmental Service Department

SAN BERNARDINO COUNTY CUPAS:

- * County of San Bernardino Fire Department, Haz. Mat. Div.
- * City of Hesperia Hesperia Fire Prevention Department
- * City of Victorville Victorville Fire Department

SAN DIEGO COUNTY CUPA:

- * The San Diego County Dept. of Environmental Health HE 17/58

SAN FRANCISCO COUNTY CUPA:

- * Department of Public Health

SAN JOAQUIN COUNTY CUPA:

- * Environmental Health Division

SAN LUIS OBISPO COUNTY CUPAS:

- * County of San Luis Obispo Environmental Health Division
- * City of San Luis Obispo City Fire Department

SAN MATEO COUNTY CUPA:

- * Environmental Health Department

SANTA BARBARA COUNTY CUPA:

- * County Fire Dept Protective Services Division

SANTA CLARA COUNTY CUPAS:

- * County of Santa Clara Hazardous Materials Compliance Division
- * Santa Clara County Central Fire Protection District (Covers Campbell, Cupertino, Los Gatos, & Morgan Hill)
- * Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire, Santa Clara, Sunnyvale

SANTA CRUZ COUNTY CUPA:

- * Environmental Health Department

SHASTA COUNTY CUPA:

- * Environmental Health Department

SIERRA COUNTY CUPA:

- * Health Department

SISKIYOU COUNTY CUPA:

- * Environmental Health Department

SONOMA COUNTY CUPAS:

- * County of Sonoma Department Of Environmental Health
- * Cities of Healdsburg / Sebastopol, Petaluma, Santa Rosa

STANISLAUS COUNTY CUPA:

- * Department of Environmental Resources Haz. Mat. Division

SUTTER COUNTY CUPA:

- * Department of Agriculture

TEHAMA COUNTY CUPA:

- * Department of Environmental Health

TRINITY COUNTY CUPA:

- * Department of Health

TULARE COUNTY CUPA:

- * Environmental Health Department

TUOLUMNE COUNTY CUPA:

- * Environmental Health

VENTURA COUNTY CUPAS:

- * County of Ventura Environmental Health Division
- * Cities of Oxnard, Ventura

YOLO COUNTY CUPA:

- * Environmental Health Department

YUBA COUNTY CUPA:

Updated quarterly/annually/when available

State/Tribal IC: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

State/Tribal VCP: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

State Permits: CA COUNTY The San Diego County Depart. Of Environmental Health

Phone:(619) 338-2211

San Bernardino County Fire Department

Updated quarterly/when available

State Other: CA EPA/COUNTY The CAL EPA, Depart. Of Toxic Substances Control

Phone: (916) 323-3400

The Los Angeles County Hazardous Materials Division

Phone: (323) 890-7806

Orange County Environmental Health Agency

Phone: (714) 834-3536

Riverside County Department of Environmental Health, Hazardous Materials Management Division

Phone:(951) 358-5055

Sacramento County Environmental Management Department

Updated quarterly/when available

State Other: US DOJ U.S. Department of Justice

Updated when available

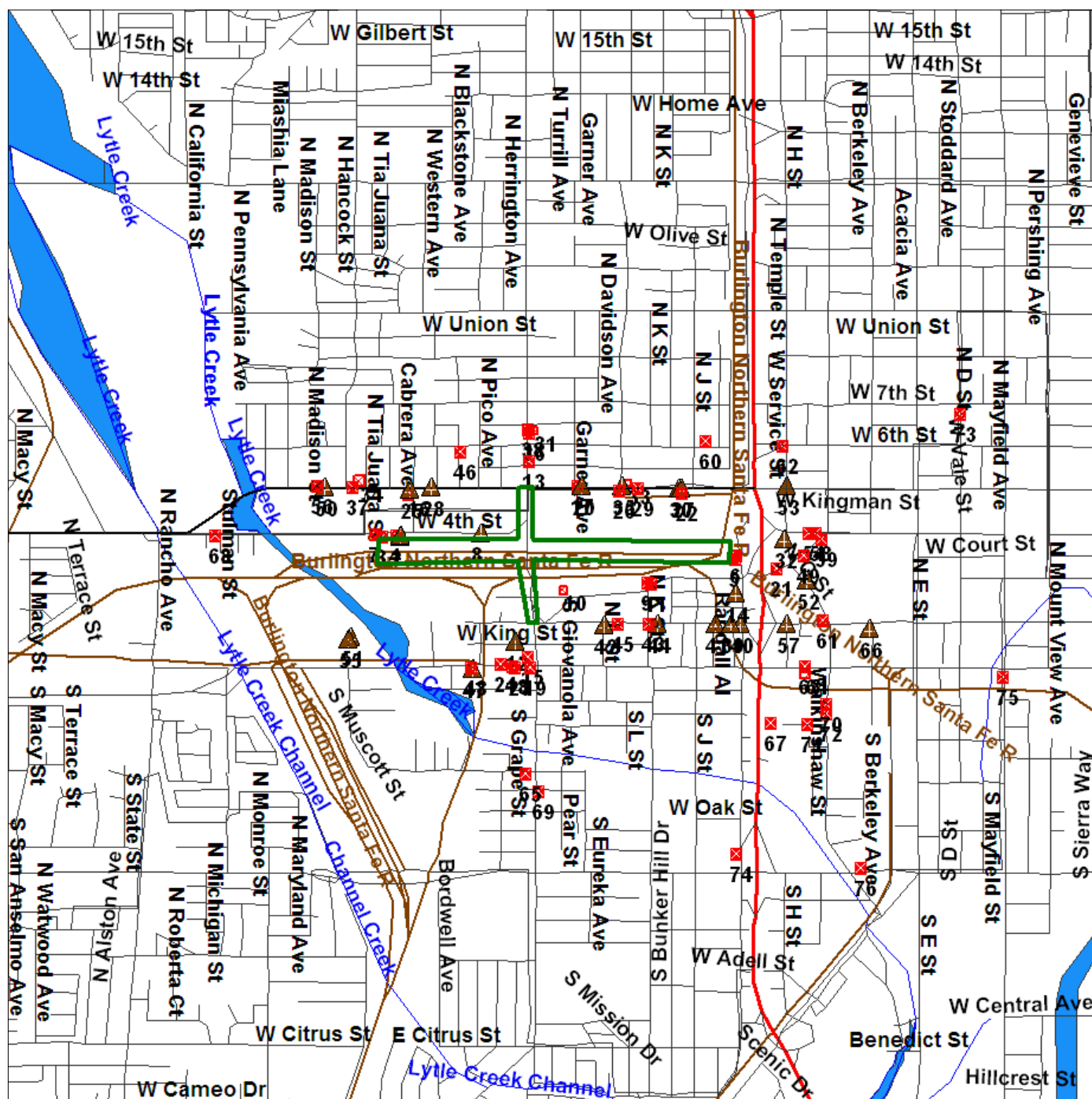
Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 200 MOUNT VERNON AVE
SAN BERNARDINO CA 92411

JOB: 207573002

Street Name	Dist/Dir	Street Name	Dist/Dir
Cabrera Ave	0.02 NW	S Artesian Ave	0.25 SW
Caldwell Aly	0.18 SE	S Eureka Ave	0.19 SE
Garner Ave	0.12 -E	S Giovanola Ave	0.15 SE
I-215	0.09 -E	S L St	0.24 SE
Kendall Ave	0.05 SW	S Mount Vernon Ave	0.13 SE
Main St	0.13 SW	Santa Fe Way	0.17 SE
Medical Center Dr	0.17 NW	Tia Juana St	0.04 NW
N G St	0.18 SE	Viaduct Blvd	0.02 SE
N Garner Ave	0.12 -E	W 2nd St	0.00 --
N Giovanola Ave	0.09 SE	W 3rd St	0.00 --
N Grape Ct	0.07 SW	W 4th St	0.00 --
N H St	0.17 NE	W 5th St	0.17 NE
N Herrington Ave	0.05 NW	W 6th St	0.12 NW
N I St	0.05 SE	W 7th St	0.25 N-
N J St	0.05 SW	W Bellevue St	0.20 SW
N K St	0.09 SW	W Broadway St	0.09 SE
N L St	0.13 NE	W Foothill Blvd	0.00 --
N Mount Vernon Ave	0.00 --	W King St	0.06 SE
N Pico Ave	0.12 NW	W Kingman St	0.00 --
N Roberds Ave	0.15 NW	W Rialto Ave	0.12 SE
N Tia Juana St	0.15 NW	W Spruce St	0.06 N-
N Western Ave	0.15 NW	W Viaduct Blvd	0.00 --
Ramona Ave	0.15 NW	W Victoria St	0.18 N-
Randall Aly	0.18 SW	Walker Pl	0.18 SW
Riverside Fwy	0.11 SE		

200 MOUNT VERNON AVE, SAN BERNARDINO CA 92411



Source: U.S. Census TIGER Files

Area Polygon

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....








Railroads

Area Polygon
 Identified Site, Multiple Sites, Receptor
 NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
 Triballand.....
 Railroads

Area Polygon
 Identified Site, Multiple Sites, Receptor
 NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
 Triballand.....
 Railroads



Area Polygon
 Identified Site, Multiple Sites, Receptor
 NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
 Triballand.....
 Railroads

Area Polygon		
Identified Site, Multiple Sites, Receptor		
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste		
Triballand		
Railroads		

APPENDIX D

AGENCY DOCUMENTATION

475 Goddard, Suite 200, Irvine, California 92618 Phone 949/753-7070 Fax 949/753-7071 www.ninyoandmoore.com

To: Hazardous Materials Division

Date: July 7, 2009

Firm: San Bernardino Fire Department

Fax No: 909-386-8460

Address: 620 S. E Street, San Bernardino, CA

Telephone No: 909-386-8468

From: Javier Perez (jperez@ninyoandmoore.com)

Total Pages
Including
Transmittal:

9

Subject: Certified Hazardous Materials Records Search Finding Report

Project No: 207573002

<input type="checkbox"/> Urgent	<input type="checkbox"/> For Approval	<input type="checkbox"/> For Your Use	<input checked="" type="checkbox"/> Please Reply	<input type="checkbox"/> As Requested
Original Document:	<input type="checkbox"/> Will Not Follow	<input checked="" type="checkbox"/> Will Follow	<input checked="" type="checkbox"/> By U.S. Mail	<input type="checkbox"/> By Other

Dear, Sir/Madam

Attached please find a San Bernardino County Fire Department (Hazardous Materials Division) request for a Certified Hazardous Materials Records Search Finding Report for the following addresses:

- 1170 W. 3rd Steet, San Bernardino, CA (Santa Fe Depot),
- 1535 W. 4th Street, San Bernardino, CA (BNSF Rail Yard),
- 470 N. L Street, San Bernardino, CA (BNSF Rail Way), and
- 1500 W. Rialto Avenue, San Bernardino, CA (BNSF Rail Way).

The original request forms along with payment (\$130/ea) will be forwarded via US mail within the next 48-hours. If you should have any questions regarding this request I can be reached at 949-753-7070 ext 2269 or via email at jperez@ninyoandmoore.com.

Thank you,

Javier Perez

Senior Staff Environmental Scientist

FAXED
7/7/09

- Geotechnical Engineering
- Engineering Geology
- Materials Testing and Inspection
- Construction Management
- Engineering Design
- Environmental Engineering
- Environmental Site Assessments
- Regulatory Compliance and Permitting
- Water Quality and Resource Evaluations
- Hazardous Waste Management
- Soil and Groundwater Remediation
- Asbestos and Lead-Based Paint Surveys
- Geophysical Studies
- Mineral Resource Evaluations
- Value Engineering
- Forensic Studies
- Expert Witness Testimony

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

RECEIVED

August 6, 2009

AUG 10 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: CERTIFIED RECORDS FINDING REPORT

**RE: 1170 W. 3rd St.
San Bernardino, California**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The records identified are shown below. Please note no files exist by the address 1170 W. 3rd St. All records for this address are in the inactive permit facility file for 470 N. L St. (see separate record findings letter).

Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents in the file for 470 N. L St.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

No record of active permit facilities

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

No record of inactive permit and or non-permit facilities

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

Santa Fe
1170 W. 3rd St.
San Bernardino

Issued 8/7/92
Remove 1

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors

BRAD MITZELFELT	First District	NEIL DERRY	Third District
PAUL BIANE	Second District	GARY C. OVITT	Fourth District
JOSIE GONZALES	Fifth District		

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

No record of haz mat incident response

SITE REMEDIATION:

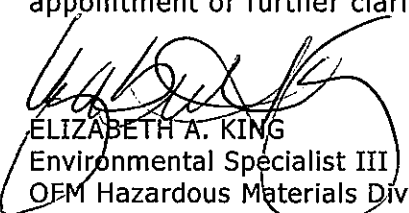
(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

Santa Fe
1170 W. 3rd St.
San Bernardino

LOP 90095
5/18/89, C. Richards, staff
Referred to Calif. Regional Water Board
On-going (per Geo-Tracker)

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OEM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

***We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.**

All records are in inactive permit facility file for 470 N. L St. See separate record findings letter for that address for further information.

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

RECEIVED

August 6, 2009

AUG 10 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: CERTIFIED RECORDS FINDING REPORT

**RE: 470 N. L St.
San Bernardino, California**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The record(s) identified are shown below and have file(s) available for your review. Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

No record of active permit facilities

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

AT & SF Railway Company
470 N. L St.
San Bernardino

FA0001158 (EST 86008939)
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Underground Storage Tank Permit
(Permits inactivated when address
Changed to 1500 W. Rialto)

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District: NEIL DERRY Third District
PAUL BIANE Second District: GARY C. OVITT Fourth District
JOSIE GONZALES Fifth District

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

AT & SF Railway Company 470 N. L St. San Bernardino	Issued 5/1/95 Remove 12
AT & SF Railway Company SWC Mt. Vernon & 4th San Bernardino	Issued 7/14/94 Remove 2
AT & SF Railway Company 1260 W. 3 rd St. (470 N. L St.) (under Mt. Vernon Bridge, N end) San Bernardino	Issued 6/21/94 Remove 1
Santa Fe Railway 1170 W. 3 rd St. San Bernardino	Issued 8/7/92 Remove 1
AT & SF Railway Company 470 N. L St. San Bernardino	Issued 10/28/91 Removal (expired)
AT & SF Railway Company 470 N. L St. San Bernardino	Issued 7/17/90 Remove 2
Santa Fe Railway 470 N. L St. San Bernardino	Issued 1/9/90 Remove 1 (basement)
AT & SF Railway Company 470 N. L St. San Bernardino	Issued 6/22/89 Remove 2
AT & SF Railway Company 1260 W. 3 rd St. San Bernardino	Issued 8/17/88 Remove 8

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(additional records of spill notifications and/or complaints not listed below may exist in facility permit files).

No record of haz mat incident response

SITE REMEDIATION:

(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

BN & SF Railway 470 N. L St. San Bernardino	Geo-Tracker listing 6/31/91 Calif. Regional Board Case SL208043859 Closure letter for diesel shop area on Geo-Tracker dated 9/9/08
---	---

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OFM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

***We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.**

Records consist of one (1) main file with two (2) thick expandos, about 9" – 10" combined

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

August 6, 2009

RECEIVED

AUG 10 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: CERTIFIED RECORDS FINDING REPORT

RE: 1500 W. Rialto Ave.
San Bernardino, California

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The record(s) identified are shown below and have file(s) available for your review. Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

YRC Terminal 640 San Bernardino
Former Yellow Transportation
1500 W. Rialto Ave.
San Bernardino

FA0007358 (EST 01049403)
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
-- special permits (consolidated manifests)
Underground Storage Tank Permit

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

BNSF Maintenance
1500 W. Rialto Ave.
San Bernardino

FA0001616 (EST 95038105)
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Tiered Permit (State issued docs only)
Aboveground Petroleum Storage (APSA)
Underground Storage Tank Permit

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District NEIL DERRY Third District
PAUL BIANE Second District GARY C. OVITT Fourth District
JOSIE GONZALES Fifth District

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

Yellow Freight System
1500 W. Rialto Ave.
San Bernardino

Issued 12/18/00
Install 2

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(additional records of spill notifications and/or complaints not listed below may exist in facility permit files).

Yellow Freight
1500 W. Rialto Ave.
San Bernardino

CO0002462 (HMRR 2001073001)
7/30/01
Release of truck fluids to soil
Waste Oil

Santa Fe Railroad
1500 W. Rialto Ave.
San Bernardino

CO0005531 (HMRR 96083001BO)
8/30/96
Tank car venting, very strong odor
Styrene Monomer

Yellow Transportation
1500 W. Rialto Ave.
San Bernardino

CO0000877 (OES 036624)
12/29/03
Release of toluene (45 gallons)
from punctured drum (notification)

(NOTE: this record can be found in active
Permit facility file for YRC Terminal)

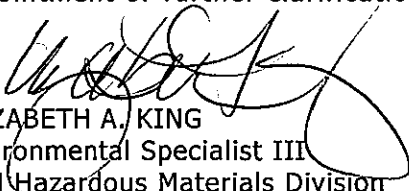
SITE REMEDIATION:

(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

No record of site remediation by address 1500 W. Rialto Ave. (see 470 N. L St.)

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OFM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

***We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.**

Records consist of four (4) files, about 4" to 5" combined

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

RECEIVED

August 6, 2009

AUG 10 2009
NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: CERTIFIED RECORDS FINDING REPORT

**RE: 1535 W. 4th St.
San Bernardino, California**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The record(s) identified are shown below and have file(s) available for your review. Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

BNSF Railway Company
1535 W. 4th St.
San Bernardino

FA0007677
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Universal Waste Handler Permit
Aboveground Petroleum Storage (APSA)

Eagle Intermodal Services, Inc.
1535 W. 4th St.
San Bernardino

FA0002834
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Aboveground Petroleum Storage (APSA)

Kentuckiana Railcar Repair LLC
1535 W. 4th St.
San Bernardino

FA0010579
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Universal Waste Handler Permit

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District NEIL DERRY Third District
PAUL BIANE Second District GARY C. OVITT Fourth District
JOSIE GONZALES Fifth District

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

AT & SF Railway
1535 W. 4th St.
San Bernardino

FA0001157 (EST 96039106)
Underground Storage Tank Permit

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

AT & SF Railroad
1535 W. 4th St.
San Bernardino

Issued 5/14/96
Remove 1

AT & SF Railroad
1535 W. 4th St.
San Bernardino

Issued 11/6/95
Remove 1

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

Yellow Freight
1535 W. 4th St.
San Bernardino

CO0024591
7/28/07
Release from trailer (OES notification)

Yellow Freight
1535 W. 4th St.
San Bernardino

CO0024590
7/8/07
Release from trailer

(NOTE: the above reports are combined in one response file by date 7/28/07).

BNSF Railroad
1535 W. 4th St.
San Bernardino

CO0001128
5/30/04
Derailment (OES notification)

(NOTE: the above report can be found in active permit facility file for BNSF Railway FA0007677)

BNSF Railroad
1535 W. 4th St.
San Bernardino

CO0004630 (HMRR 98061901GB)
6/19/98
1 gallon or less release ammonium chloride

BNSF Railroad – U.S. Filter
1535 W. 4th St.
San Bernardino

CO0004271 (HMRR 99062201WW)
6/22/99
2 gallon spill ethanol

SITE REMEDIATION:

(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

No record of site remediation under local oversight by address 1535 W. 4th St.

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OFM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

***We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.**

Records consist of seven (7) files, about 3-1/2" to 4" combined

To: Public Records Coordinator

Date: July 7, 2009

Firm: California Department of Toxic Substances Control - Cypress Office

Fax No: 714-484-5318

Address: 5796 Corporate Avenue, Cypress, CA

Telephone No: 714-484-5300

From: Javier Perez (jperez@ninyoandmoore.com)

Total Pages Including Transmittal: 1

Subject: Records Request

Project No: 207573002

<input type="checkbox"/> Urgent	<input type="checkbox"/> For Approval	<input type="checkbox"/> For Your Use	<input checked="" type="checkbox"/> Please Reply	<input type="checkbox"/> As Requested
Original Document:	<input checked="" type="checkbox"/> Will Not Follow	<input type="checkbox"/> Will Follow	<input type="checkbox"/> By U.S. Mail	<input type="checkbox"/> By Other

Dear, Sir/Madam

I am conducting a Phase I Environmental Site Assessment and would like to review files that your agency may have regarding the site located:

- 1535 W. 4th Street,
- 470 N. L Street,
- 395 N. Mt. Vernon Avenue,
- 1500 W. Rialto Avenue, and
- 1170 W. 3rd Street, San Bernardino, CA

The site includes the Mt. Vernon Bridge on N. Mt. Vernon between W. 2nd Street and W. 5th Street in the City of San Bernardino.

If a file is available, Please contact me at 949/753-7070 extension 2269 to discuss the procedure for reviewing/copying files and costs.

Thank you,

Javier Perez

Senior Staff Environmental Scientist

FAXED
7/8/09

- Geotechnical Engineering
- Engineering Geology
- Materials Testing and Inspection
- Construction Management
- Engineering Design
- Environmental Engineering
- Environmental Site Assessments
- Regulatory Compliance and Permitting
- Water Quality and Resource Evaluations
- Hazardous Waste Management
- Soil and Groundwater Remediation
- Asbestos and Lead-Based Paint Surveys
- Geophysical Studies
- Mineral Resource Evaluations
- Value Engineering
- Forensic Studies
- Expert Witness Testimony



Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control

Maziar, Movassaghi, Acting Director
5796 Corporate Avenue
Cypress, California 90630



Arnold Schwarzenegger
Governor

July 8, 2009

RECEIVED

JUL 09 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Mr. Javier Perez
Sr. Staff Environmental Scientist
Ninyo & Moore
475 Goddard, Suite 200
Irvine, California 92618

PLEASE SEE THE ATTACHED SHEET:
PR#40708095

Dear Mr. Perez:

The Department of Toxic Substances Control received your request to review records under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced on the attached sheet.

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: <http://www.envirostor.dtsc.ca.gov/public>. Also, a computer is available at each DTSC Regional File Room for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact our Regional Records Coordinators at (714) 484-5336.

Sincerely,

Jone Barrio
Regional Records Coordinator

brm

Attachment

475 Goddard, Suite 200, Irvine, California 92618 Phone 949/753-7070 Fax 949/753-7071 www.ninyoandmoore.com

To:	Public Records Coordinator	Date:	July 7, 2009	
Firm:	California Department of Toxic Substances Control - Cypress Office	Fax No:	714-484-5318	
Address:	5796 Corporate Avenue, Cypress, CA	Telephone No:	714-484-5300	
From:	Javier Perez (jperez@ninyoandmoore.com)	Total Pages Including Transmittal:	1	
Subject:	Records Request	Project No:	207573002	
<input type="checkbox"/> Urgent	<input type="checkbox"/> For Approval	<input type="checkbox"/> For Your Use	<input checked="" type="checkbox"/> Please Reply	<input type="checkbox"/> As Requested
Original Document:	<input checked="" type="checkbox"/> Will Not Follow	<input type="checkbox"/> Will Follow	<input type="checkbox"/> By U.S. Mail	<input type="checkbox"/> By Other

Dear, Sir/Madam

I am conducting a Phase I Environmental Site Assessment and would like to review files that your agency may have regarding the site located:

- 1535 W. 4th Street,
- 470 N. L Street,
- 395 N. Mt. Vernon Avenue,
- 1500 W. Rialto Avenue, and
- 1170 W. 3rd Street, San Bernardino, CA

The site includes the Mt. Vernon Bridge on N. Mt. Vernon between W. 2nd Street and W. 5th Street in the City of San Bernardino.

If a file is available, Please contact me at 949/753-7070 extension 2269 to discuss the procedure for reviewing/copying files and costs.

Thank you,

Javier Perez

Senior Staff Environmental Scientist

- Geotechnical Engineering
- Engineering Geology
- Materials Testing and Inspection
- Construction Management
- Engineering Design
- Environmental Engineering
- Environmental Site Assessments
- Regulatory Compliance and Permitting
- Water Quality and Resource Evaluations
- Hazardous Waste Management
- Soil and Groundwater Remediation
- Asbestos and Lead-Based Paint Surveys
- Geophysical Studies
- Mineral Resource Evaluations
- Value Engineering
- Forensic Studies
- Expert Witness Testimony

PR40708095 #2

To: Public Records Coordinator/Public Records Unit

Date: July 7, 2009

Firm: South Coast Air Quality Management District

Fax No: (909) 396-3330

Address: 21865 East Copley Drive, Diamond Bar, CA

Telephone No: (909) 396-3700

From: Javier Perez (jperez@ninyoandmoore.com)

Total Pages Including Transmittal: 1

Subject: Records Request

Project No: 207573002

<input type="checkbox"/> Urgent	<input type="checkbox"/> For Approval	<input type="checkbox"/> For Your Use	<input checked="" type="checkbox"/> Please Reply	<input type="checkbox"/> As Requested
Original Document:	<input checked="" type="checkbox"/> Will Not Follow	<input type="checkbox"/> Will Follow	<input type="checkbox"/> By U.S. Mail	<input type="checkbox"/> By Other

Dear, Sir/Madam

I am conducting a Phase I Environmental Site Assessment and would like to review files that your agency may have regarding the site located:

- **1535 W. 4th Street,**
- **470 N. L Street,**
- **395 N. Mt. Vernon Avenue,**
- **1500 W. Rialto Avenue, and**
- **1170 W. 3rd Street, San Bernardino, CA**

The site includes the Mt. Vernon Bridge on N. Mt. Vernon between W. 2nd Street and W. 5th Street in the City of San Bernardino.

If a file is available, Please contact me at 949/753-7070 extension 2269 to discuss the procedure for reviewing/copying files and costs.

Thank you,

Javier Perez

Senior Staff Environmental Scientist

FAXED
7/8/09

- **Geotechnical Engineering**
- **Engineering Geology**
- **Materials Testing and Inspection**
- **Construction Management**
- **Engineering Design**
- **Environmental Engineering**
- **Environmental Site Assessments**
- **Regulatory Compliance and Permitting**
- **Water Quality and Resource Evaluations**
- **Hazardous Waste Management**
- **Soil and Groundwater Remediation**
- **Asbestos and Lead-Based Paint Surveys**
- **Geophysical Studies**
- **Mineral Resource Evaluations**
- **Value Engineering**
- **Forensic Studies**
- **Expert Witness Testimony**



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax: (909) 396-3330

COMPLETION LETTER

July 23, 2009

JAVIER PEREZ
NINYO & MOORE
475 GODDARD # SUITE 200
IRVINE, CA 92618

RECEIVED

JUL 24 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ref.: **CONTROL NO. 59937**
Received 7/9/2009

Re: APPL'S, P/O'S, EQL, NOV'S, N/C'S, AIR MONITORING & ASBESTOS
NOTIFICATIONS FOR 1500 W. RIALTO AVE, SAN BERNARDINO, CA.

After a thorough search of this agency's records, the following records were found:
APPL'S, P/O'S (AVAILABLE ON FIND), EQL & COMPLAINTS FOR 1500 W. RIALTO
AVE, SAN BERNARDINO, CA.

The following records were not found:
NOV'S, N/C'S, I/R'S, AIR MONITORING & ASBESTOS NOTIFICATIONS FOR 1500 W.
RIALTO AVE, SAN BERNARDINO, CA.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 07/23/2009

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, 8:00
a.m. to 4:30 p.m.

Sincerely,

LISA RAMOS x3211
For Linda Koenig
Public Records Coordinator

:lr



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax: (909) 396-3330

COMPLETION LETTER

July 22, 2009

RECEIVED

JAVIER PEREZ
NINYO & MOORE
475 GODDARD # SUITE 200
IRVINE, CA 92618

JUL 24 2009
NINYO & MOORE
ORANGE COUNTY OFFICE

Ref.: **CONTROL NO. 59934**
Received 7/9/2009

Re: APPL'S, P/O'S, EQL, NOV'S, N/C'S, AIR MONITORING & ASBESTOS
NOTIFICATIONS FOR 1535 W. 4TH STREET, SAN BERNARDINO, CA.

After a thorough search of this agency's records, the following records were found:
APPL'S, P/O'S (AVAILABLE ON FIND), EQL & I/R'S FOR 1535 W. 4TH STREET, SAN
BERNARDINO, CA.

The following records were not found:
NOV'S, N/C'S, AIR MONITORING & ASBESTOS NOTIFICATIONS FOR 1535 W. 4TH
STREET, SAN BERNARDINO, CA.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 07/22/2009

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

LISA RAMOS x3211
For Linda Koenig
Public Records Coordinator

:lr



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

July 23, 2009

RECEIVED

JUL 24 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

JAVIER PEREZ
NINYO & MOORE
475 GODDARD # SUITE 200
IRVINE, CA 92618

Ref.: **CONTROL NO. 59936**
Received 7/9/2009

Re: APPL'S, P/O'S, EQL, NOV'S, N/C'S, AIR MONITORING & ASBESTOS
NOTIFICATIONS FOR 395 N. MT. VERNON AVE, SAN BERNARDINO, CA.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE-REFERENCED FACILITY
OR FACILITY SITE.

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

LISA RAMOS x3211
For Linda Koenig
Public Records Coordinator

:lr

BNSF

MICK E. HARDIN
Manager Environmental Remediation

The Burlington Northern
and Santa Fe Railway Company

740 East Carnegie Drive
San Bernardino, CA 92408-3571
Phone: (909) 386-4081
Fax: (909) 386-4087
E-mail: Mick.Hardin@BNSF.com

October 21, 2003
01001447

Attn: Title V Administration
South Coast Air Quality Management District
P.O. Box 4944
Diamond Bar, CA 91765

Subject: Title V Exclusion/Exemption Request
Administrative Permit Revisions
Application for Plans – Synthetic Minor Facility
BNSF Facility San Bernardino, California

DUP
APPL.

Dear Title V Administrator:

In November 1996, the South Coast Air Quality Management District (SCAQMD) issued two permits to construct and operate, # F3931 A/N 319923 and F3932 A/N 319925, for two soil vapor extraction (SVE) systems located at the BNSF facility in San Bernardino, California. In order to limit the combined NOx emissions to less than the Title V major source Potential to Emit (PTE) threshold, both SVE permits contained a permit condition, Condition #17, that limited the total daily natural gas usage to 400,000 standard cubic feet (scf) per day. This daily natural gas emission limit equates to an annual total NOx emissions rate of 9.5 tons/year.

In January 2002, an Application for Permit Modification was submitted to the SCAQMD to add a scrubber to permit #F3931 A/N 319923. When this permit was reissued by the SCAQMD as permit #F51972 A/N 396680, Condition #17 limiting the natural gas usage was omitted. On behalf of BNSF, Environmental Resources Management (ERM) conferred with Mr. Charles Tupac of the SCAQMD regarding this matter. Based on Mr. Tupac's advice, BNSF is submitting the enclosed application package that includes a Title V Exclusion/Exemption Request Application (Form 500E), two Administrative Permit Revision Applications (Form 400A), one Application for Plans (Synthetic Minor Facility, Form 400P), and BNSF's Proposed Plan for Synthetic Minor Classification. The purpose of this application package is to reinstate the NOx facility cap to less than the Title V threshold and to secure the Title V permit exemption.



AQMD

PERMIT TO CONSTRUCT/OPERATE

P 4
Permit No.
F3932
A/N 319925

Page 1

This permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.6) is not received by the expiration date, contact the District.

Legal Owner
or Operator:

THE ATCHISON, TOPEKA & SANTA FE RAILWAY CO
740 E CARNEGIE DR
SAN BERNARDINO, CA 92408

ID 102284

Equipment Location. 1535 W 4TH ST, SAN BERNARDINO, CA 92411

Equipment Description.

UNDERGROUND VAPOR EXTRACTION AND TREATMENT SYSTEM CONSISTING OF

- 1 EXTRACTION WELL AND DUCTS
- 2 WATER KNOCKOUT DRUM
- 3 EXTRACTION BLOWER, 200 H.P., MAXIMUM FLOW RATE 3500 SCFM
- 4 THERMAL OXIDIZER, THERM TECH INC. MODEL VAC 350, NATURAL GAS FIRED, WITH ONE ECLIPSE, MODEL 328 MVTA BURNER, RATED AT 10,000,000 BTU PER HOUR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES
3. UPON COMPLETION, ANY VAPOR EXTRACTION WELLS AND DUCTS SHALL BE CAPPED TO PREVENT VAPORS FROM VENTING TO THE ATMOSPHERE. VAPORS SHALL NOT BE EXTRACTED FROM THE SOIL UNLESS THEY ARE VENTED TO THE VAPOR CONTROL SYSTEM, WITH NO DETECTABLE LEAK BETWEEN THE OUTLET OF THE BLOWER AND THE OUTLET OF THE VAPOR CONTROL SYSTEM
4. AN IDENTIFICATION TAG OR NAME PLATE SHALL BE DISPLAYED ON THE EQUIPMENT TO SHOW MANUFACTURE MODEL NO AND SERIAL NO THE TAG(S) OR PLATE(S) SHALL BE ISSUED BY THE MANUFACTURER AND SHALL BE ADHERED TO THE EQUIPMENT IN A PERMANENT AND CONSPICUOUS POSITION

ORIGINAL

AQMD

PERMIT TO CONSTRUCT/OPERATE

This permit is valid only for the equipment identified. If the equipment is moved, or changes ownership, or if the permit is not renewed by the expiration date, contact the District.

Legal Owner
or Operator:

THE ATCHISON, TOPEKA & SANTA FE RAILWAY CO
740 E CARNEGIE DR
SAN BERNARDINO, CA 92408

ID 102284

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ORIGINAL

NOV 19 '96

03:57PM

AQMD FINANCE

909 396 2765

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

P. 2

Permit No.

F3931

A/N 319923

Page 3

AQMD

PERMIT TO CONSTRUCT/OPERATE

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

5. CURRENT CONTACT PERSON NAME, COMPANY AND PHONE NUMBER SHALL BE DISPLAYED IN A PERMANENT AND CONSPICUOUS POSITION.
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7. THIS EQUIPMENT SHALL ONLY BE USED TO EXTRACT AND TREAT VAPORS FROM SOILS CONTAMINATED WITH GASOLINE, DIESEL, PERCHLOROETHYLENE, TRICHLOROETHYLENE, 1,1-DICHLOROETHANE, 1,2-DICHLOROETHANE AND VINYL CHLORIDE.
8. VOLATILE ORGANIC COMPOUNDS (VOC) AND THE HALOGENATED HYDROCARBON CONCENTRATION SHALL BE MONITORED AT THE INLET AND OUTLET OF THE VAPOR CONTROL SYSTEM AT LEAST ONCE DURING THE FIRST MONTH OF OPERATION, AND QUARTERLY THEREAFTER BY USING EPA METHOD TO-14.
9. THE VOC INLET CONCENTRATION OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 1020 PPMV AS HEXANE DURING THE FIRST 30 DAYS OF OPERATION.
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14. WHENEVER THE THERMAL OXIDIZER IS IN OPERATION, THE TEMPERATURE IN THE COMBUSTION CHAMBER (AS SHOWN ON THE INSTRUMENT DESCRIBED UNDER CONDITION NO. 13) SHALL NOT BE LESS THAN 1410 DEGREES FAHRENHEIT.
15. EQUIPMENT SHUTDOWN INTERLOCKS SHALL BE PROVIDED FOR LOW OXIDATION TEMPERATURE AS STATED IN CONDITION NO. 14.
16. A FUEL TOTALIZING METER SHALL BE INSTALLED AND MAINTAINED ON THIS EQUIPMENT.
17. THE TOTAL AMOUNT OF NATURAL GAS USED BY THE THERMAL OXIDIZERS DESCRIBED BY PERMIT TO OPERATE NO. F3931 AND F3932 SHALL NOT EXCEED 400,000 CUBIC FEET IN ANY ONE OPERATING DAY.

ORIGINAL



AQMD

NOV 19 '96 03:58PM AQMD FINANCE 909 396 2765
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

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Permit No.
F3931
A/N 319923

Page 3

PERMIT TO CONSTRUCT/OPERATE

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

18. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITIONS NO. 7, 8, 9, 10, 11, 12, 14 AND 17. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/rdo
11/14/1996

ORIGINAL



PERMIT TO CONSTRUCT/OPERATE

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

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- 17 THE TOTAL AMOUNT OF NATURAL GAS USED BY THE THERMAL OXIDIZERS DESCRIBED BY PERMIT TO OPERATE NO F3931 AND F3932 SHALL NOT EXCEED 400,000 CUBIC FEET IN ANY ONE OPERATING DAY

ORIGINAL



NOV 19 '96 03 59PM AQMD FINANCE 909 396 2765
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

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Permit No
F3932
A/N 319925
Page 5

PERMIT TO CONSTRUCT/OPERATE

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

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EXECUTIVE OFFICER

Dorris M Bailey

By Dorris M Bailey/rdo
11/14/1996

ORIGINAL



NOV 19 '96

03:58PM

AQMD FINANCE

909 396 2765

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

AQMD

PERMIT TO CONSTRUCT/OPERATE

P. 4
Permit No.
F3932
A/N 319925
Page 1

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Legal Owner
or Operator:

ID 102284

THE ATCHISON, TOPEKA & SANTA FE RAILWAY CO
740 E CARNEGIE DR
SAN BERNARDINO, CA 92408

Equipment Location: 1535 W 4TH ST, SAN BERNARDINO, CA 92411

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ORIGINAL



AQMD

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ORIGINAL

NOV 19 '96

03:59PM

AQMD FINANCE

909 396 2765

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

P.6

Permit No.

F3932

A/N 319925

Page 3

AQMD

PERMIT TO CONSTRUCT/OPERATE

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

18. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITIONS NO. 7, 8, 9, 10, 11, 12, 14 AND 17. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/rdo
11/14/1996

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Title V Exclusion/Exemption Request

Section I - Facility Information

1. Facility Name:	BNSF INTERMODAL YARD		Facility ID (6-Digit):	102284
2. Legal Owner (if different from Facility Name):	THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY			
3. Facility Address (Street Designation Only):	1535 West Fourth Street			
City	San Bernardino	CA	Zip Code	92411
4. Mailing Address, if different from Item 3 (Street/ P.O. Box Designation):	740 East Carnegie Drive			
City	San Bernardino	State	CA	Zip Code 92408
5. Facility Contact Person:	Mick Hardin		Phone:	(909) 386-4081
Title:	Manager Environmental Remediation		Fax:	(909) 386-4087

Section II - Certification Statement

I certify that I am the responsible official for this facility as defined in AQMD Rule 3000 (b) (26). I also certify under penalty of law that I personally examined, and am familiar with, the statements and information submitted in this document and all of its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statement and information, including the possibility of fine or imprisonment. (Check the appropriate box.)

- a. ☐ I hereby request to be exempted from the Title V program because my facility's potential to emit is below the limits in Rule 3001 (b). Attached is supporting documentation demonstrating my facility's potential to emit including Form 400-P and applicable fees.
- b. ☒ I hereby request to be exempted from the Title V program by accepting a permit condition that limits my facility's potential to emit below the emission limits in Rule 3001 (b). Attached are Forms 400-P and 400-A and applicable fees to limit my facility's potential to emit.
- c. ☐ I hereby request a provisional exemption from the Title V program because of errors in reported emissions. Attached are supporting documentation, throughput records, MSDSs, a complete copy of my facility's revised Annual Emission Report (AER), Form 400-P, and applicable fees (fill out Section III of this form). The revised AER shows that my actual emissions are below the thresholds specified in Rule 3008 (d).
- d. ☐ I hereby request a provisional exemption from the Title V program because my most current Annual Emission Report (AER) shows that my actual emissions are below the thresholds specified in Rule 3008 (d). No changes or corrections were made to the attached AER.

I understand that filing this request does not relieve me of my obligation to prepare and submit and application for a Title V permit unless I am otherwise notified in writing that my exemption has been approved by AQMD.

	Date	10/28/03
Mick Hardin	(909) 386-4081	
Type or Print Name of Responsible Official	Phone	
Manager Environmental Remediation	(909) 386-4087	
Title of Responsible Official	Fax	
740 East Carnegie Drive	San Bernardino	CA 92408
Address of Responsible Official	City	State Zip Code

Section III – Exclusion Request - Based on Errors in Actual Reported Emissions

- ☐ I am requesting a provisional exemption from having to apply for a Title V permit because of errors in reported emissions. A copy of this request with the revised AER and all required documentation were submitted to the AER Group on (mo/day/year).

Check all that apply below and provide supporting data where requested. Also check Section II, Box c, in the Certification Statement.

- a. ☐ The facility was incorrectly identified by the AQMD as subject to Title V requirements. All previously submitted AERs from Fiscal Year (FY) 1995-96 and later show the total actual emissions are below the following thresholds specified in Rule 3008 (d). (Please submit the appropriate AER reports and any other pertinent information for verification.)

Volatiles Organic Compds Oxides of Nitrogen Oxides of Sulfur Carbon Monoxide Particulates < 10um Single HAP Combined HAPS
5 tpy 5 tpy 50 tpy 25 tpy 35 tpy 5 tpy 12.5 tpy

- b. ☐ The facility's previously submitted AER report(s) contained incorrect emissions data due to an error in calculations or reporting. The amended report(s) shows that the actual emissions are below the emission thresholds.

For which years were the AER reports amended? (List all that apply) _____

When was the amendment(s) submitted (mo/day/yr)? _____

State the reasons for amending the AER report(s) and attach a copy of the originally submitted AER along with the amended AER reports.

Facility Potential to Emit and Actual Emission Thresholds from Rule 3001 (b) and 3008 (d)

Pollutant	South Coast Air Basin(SOCAB) (tpy)		Riverside County Portion of Salton Sea Air Basin (SSAB) and Los Angeles County Portion of Mojave Desert Air Basin (MDAB) (tpy)		Riverside County Portion of Mojave Desert Air Basin (MDAB) (tpy)	
	PTE	Actual Emissions	PTE	Actual Emissions	PTE	Actual Emissions
VOC	10	5	25	12.5	100	50
NO _x	10	5	25	12.5	100	50
SO _x	100	50	100	50	100	50
CO	50	25	100	50	100	50
PM-10	70	35	70	35	100	50
Single HAP	10	5	10	5	10	5
Combination of HAPs	25	12.5	25	12.5	25	12.5

PERMIT TO CONSTRUCT/OPERATE

This is
If the

Legal Owner
or Operator:

THE ATCHISON, TOPEKA & SANTA FE RAILWAY CO
740 E CARNEGIE DR
SAN BERNARDINO, CA 92408

ID 102284

Equipment Location: 1535 W 4TH ST, SAN BERNARDINO, CA 92411

Equipment Description:

UNDERGROUND VAPOR EXTRACTION AND TREATMENT SYSTEM CONSISTING OF:

1. EXTRACTION WELL AND DUCTS
2. WATER KNOCKOUT DRUM
3. EXTRACTION BLOWER, 200 H.P., MAXIMUM FLOW RATE 3500 SCFM.
4. THERMAL OXIDIZER, THERM TECH INC. MODEL VAC 350, NATURAL GAS FIRED, WITH ONE ECLIPSE, MODEL 328 MVTA BURNER, RATED AT 10,000,000 BTU PER HOUR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. UPON COMPLETION, ANY VAPOR EXTRACTION WELLS AND DUCTS SHALL BE CAPPED TO PREVENT VAPORS FROM VENTING TO THE ATMOSPHERE. VAPORS SHALL NOT BE EXTRACTED FROM THE SOIL UNLESS THEY ARE VENTED TO THE VAPOR CONTROL SYSTEM, WITH NO DETECTABLE LEAK BETWEEN THE OUTLET OF THE BLOWER AND THE OUTLET OF THE VAPOR CONTROL SYSTEM.
4. AN IDENTIFICATION TAG OR NAME PLATE SHALL BE DISPLAYED ON THE EQUIPMENT TO SHOW MANUFACTURE MODEL NO. AND SERIAL NO. THE TAG(S) OR PLATE(S) SHALL BE ISSUED BY THE MANUFACTURER AND SHALL BE ADHERED TO THE EQUIPMENT IN A PERMANENT AND CONSPICUOUS POSITION.

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

Permit No.
F3931
A/N 319923
Page 2

5. CURRENT CONTACT PERSON NAME, COMPANY AND PHONE NUMBER SHALL BE DISPLAYED IN A PERMANENT AND CONSPICUOUS POSITION.
6. A FLOW INDICATOR SHALL BE INSTALLED AND MAINTAINED AT ALL INLET STREAMS TO THE VAPOR CONTROL SYSTEM TO INDICATE THE TOTAL AIR FLOW RATE IN CUBIC FEET PER MINUTE (CFM). THE TOTAL FLOW RATE SHALL NOT EXCEED 3500 CFM. IN CASE A PRESSURE SENSOR DEVICE IS USED IN PLACE OF THE FLOW INDICATOR, A CONVERSION CHART SHALL BE AVAILABLE TO INDICATE THE FLOW RATE, IN CFM, CORRESPONDING TO THE PRESSURE READING.
7. THIS EQUIPMENT SHALL ONLY BE USED TO EXTRACT AND TREAT VAPORS FROM SOILS CONTAMINATED WITH GASOLINE, DIESEL, PERCHLOROETHYLENE, TRICHLOROETHYLENE, 1,1-DICHLOROETHANE, 1,2-DICHLOROETHANE AND VINYL CHLORIDE.
8. VOLATILE ORGANIC COMPOUNDS (VOC) AND THE HALOGENATED HYDROCARBON CONCENTRATION SHALL BE MONITORED AT THE INLET AND OUTLET OF THE VAPOR CONTROL SYSTEM AT LEAST ONCE DURING THE FIRST MONTH OF OPERATION, AND QUARTERLY THEREAFTER BY USING EPA METHOD TO-14.
9. THE VOC INLET CONCENTRATION OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 1020 PPMV AS HEXANE DURING THE FIRST 30 DAYS OF OPERATION.
10. THE VOC INLET CONCENTRATION OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 583 PPMV AS HEXANE AFTER THE FIRST 30 DAYS OF OPERATION.
11. THE MAXIMUM HCL OUTLET CONCENTRATION FROM THE VES SHALL NOT EXCEED 28 PPMV DURING THE FIRST 30 DAYS OF OPERATION.
12. THE MAXIMUM HCL OUTLET CONCENTRATION FROM THE VES SHALL NOT EXCEED 25 PPMV AFTER THE FIRST THIRTY DAYS OF OPERATION.
13. A TEMPERATURE MEASUREMENT AND RECORDING DEVICE WITH AN ACCURACY OF PLUS OR MINUS 20 DEGREES FAHRENHEIT SHALL BE INSTALLED AND MAINTAINED AT THE OUTLET OF THE COMBUSTION CHAMBER OF THE THERMAL OXIDIZER.
14. WHENEVER THE THERMAL OXIDIZER IS IN OPERATION, THE TEMPERATURE IN THE COMBUSTION CHAMBER (AS SHOWN ON THE INSTRUMENT DESCRIBED UNDER CONDITION NO. 13) SHALL NOT BE LESS THAN 1410 DEGREES FAHRENHEIT.
15. EQUIPMENT SHUTDOWN INTERLOCKS SHALL BE PROVIDED FOR LOW OXIDATION TEMPERATURE AS STATED IN CONDITION NO. 14.
16. A FUEL TOTALIZING METER SHALL BE INSTALLED AND MAINTAINED ON THIS EQUIPMENT.
17. THE TOTAL AMOUNT OF NATURAL GAS USED BY THE THERMAL OXIDIZERS DESCRIBED BY PERMIT TO OPERATE NO. F3931 AND F3932 SHALL NOT EXCEED 400,000 CUBIC FEET IN ANY ONE OPERATING DAY.

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

Permit No.
F3932
A/N 319925
Page 1

This is
If the

**Legal Owner
or Operator:**

THE ATCHISON, TOPEKA & SANTA FE RAILWAY CO
740 E CARNEGIE DR
SAN BERNARDINO, CA 92408

ID 102284

Equipment Location: 1535 W 4TH ST, SAN BERNARDINO, CA 92411

Equipment Description:

UNDERGROUND VAPOR EXTRACTION AND TREATMENT SYSTEM CONSISTING OF:

1. EXTRACTION WELL AND DUCTS
2. WATER KNOCKOUT DRUM
3. EXTRACTION BLOWER, 200 H.P., MAXIMUM FLOW RATE 3500 SCFM.
4. THERMAL OXIDIZER, THERM TECH INC. MODEL VAC 350, NATURAL GAS FIRED, WITH ONE ECLIPSE, MODEL 328 MVTA BURNER, RATED AT 10,000,000 BTU PER HOUR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
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4. AN IDENTIFICATION TAG OR NAME PLATE SHALL BE DISPLAYED ON THE EQUIPMENT TO SHOW MANUFACTURE MODEL NO. AND SERIAL NO. THE TAG(S) OR PLATE(S) SHALL BE ISSUED BY THE MANUFACTURER AND SHALL BE ADHERED TO THE EQUIPMENT IN A PERMANENT AND CONSPICUOUS POSITION.

FILE COPY

PERMIT TO CONSTRUCT/OPERATE

5. CURRENT CONTACT PERSON NAME, COMPANY AND PHONE NUMBER SHALL BE DISPLAYED IN A PERMANENT AND CONSPICUOUS POSITION.
6. A FLOW INDICATOR SHALL BE INSTALLED AND MAINTAINED AT ALL INLET STREAMS TO THE VAPOR CONTROL SYSTEM TO INDICATE THE TOTAL AIR FLOW RATE IN CUBIC FEET PER MINUTE (CFM). THE TOTAL FLOW RATE SHALL NOT EXCEED 3500 CFM. IN CASE A PRESSURE SENSOR DEVICE IS USED IN PLACE OF THE FLOW INDICATOR, A CONVERSION CHART SHALL BE AVAILABLE TO INDICATE THE FLOW RATE, IN CFM, CORRESPONDING TO THE PRESSURE READING.
7. THIS EQUIPMENT SHALL ONLY BE USED TO EXTRACT AND TREAT VAPORS FROM SOILS CONTAMINATED WITH GASOLINE, DIESEL, PERCHLOROETHYLENE, TRICHLOROETHYLENE, 1,1-DICHLOROETHANE, 1,2-DICHLOROETHANE AND VINYL CHLORIDE.
8. VOLATILE ORGANIC COMPOUNDS (VOC) AND THE HALOGENATED HYDROCARBON CONCENTRATION SHALL BE MONITORED AT THE INLET AND OUTLET OF THE VAPOR CONTROL SYSTEM AT LEAST ONCE DURING THE FIRST MONTH OF OPERATION, AND QUARTERLY THEREAFTER BY USING EPA METHOD TO-14.
9. THE VOC INLET CONCENTRATION OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 1020 PPMV AS HEXANE DURING THE FIRST 30 DAYS OF OPERATION.
10. THE VOC INLET CONCENTRATION OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 583 PPMV AS HEXANE AFTER THE FIRST 30 DAYS OF OPERATION.
11. THE MAXIMUM HCL OUTLET CONCENTRATION FROM THE VES SHALL NOT EXCEED 28 PPMV DURING THE FIRST 30 DAYS OF OPERATION.
12. THE MAXIMUM HCL OUTLET CONCENTRATION FROM THE VES SHALL NOT EXCEED 25 PPMV AFTER THE FIRST THIRTY DAYS OF OPERATION.
13. A TEMPERATURE MEASUREMENT AND RECORDING DEVICE WITH AN ACCURACY OF PLUS OR MINUS 20 DEGREES FAHRENHEIT SHALL BE INSTALLED AND MAINTAINED AT THE OUTLET OF THE COMBUSTION CHAMBER OF THE THERMAL OXIDIZER.
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15. EQUIPMENT SHUTDOWN INTERLOCKS SHALL BE PROVIDED FOR LOW OXIDATION TEMPERATURE AS STATED IN CONDITION NO. 14.
16. A FUEL TOTALIZING METER SHALL BE INSTALLED AND MAINTAINED ON THIS EQUIPMENT.
17. THE TOTAL AMOUNT OF NATURAL GAS USED BY THE THERMAL OXIDIZERS DESCRIBED BY PERMIT TO OPERATE NO. F3931 AND F3932 SHALL NOT EXCEED 400,000 CUBIC FEET IN ANY ONE OPERATING DAY.

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

Application No.
451077
Page 1

CERTIFIED EQUIPMENT PERMIT

Granted as of December 6, 2005
Expires December 31, 2010

**Legal Owner
or Operator:**

DEERE POWER SYSTEMS GROUP
P.O. BOX 5100
WATERLOO, IA 50704-8000
ATTN: RICHARD A. BISHOP

ID 92796

Equipment Location: SAME AS ABOVE

The equipment described below and as shown on the approved plans and specifications are subject to the special condition or conditions listed.

Equipment Description

INTERNAL COMBUSTION ENGINE, JOHN DEERE, 6 CYLINDER, TURBOCHARGED/AFTERCOOLED,
MODEL 6068HF485T, 315 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Manufacturer Condition

1. THIS CERTIFIED EQUIPMENT PERMIT SHALL NOT RELIEVE THE PERSON CONSTRUCTING, INSTALLING OR OPERATING THE EQUIPMENT AT EACH SPECIFIC SITE FROM THE REQUIREMENT TO OBTAIN ALL NECESSARY PERMITS TO CONSTRUCT AND OPERATE OR, FROM COMPLIANCE WITH ANY OTHER DISTRICT RULES INCLUDING THE REQUIREMENTS OF REGULATION XIII.

End User Conditions

1. OPERATOR OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THIS APPLICATION UNDER WHICH A PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. A NON-RESETTABLE TOTALIZING TIMER SHALL BE INSTALLED MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
4. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION FOR A MINIMUM OF THREE YEARS FROM THE DATE OF ENTRY AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (INCLUDING HOURS FOR MANUAL AND AUTOMATIC OPERATION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

ORIGINAL (copy)



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

Application No.
451077
Page 2

CERTIFIED EQUIPMENT PERMIT
PERMIT TO CONSTRUCT OR OPERATE

5. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
6. THE OPERATOR SHALL NOT PURCHASE ANY DIESEL FUEL UNLESS THE FUEL IS LOW-SULFUR DIESEL FOR WHICH THE SULFUR CONTENT DOES NOT EXCEED 15 PPM BY WEIGHT. EFFECTIVE JANUARY 1, 2006, THE OPERATOR SHALL ONLY USE DIESEL FUEL WITH A SULFUR CONTENT THAT DOES NOT EXCEED 15 PPM BY WEIGHT, UNLESS THE OPERATOR DEMONSTRATES IN WRITING TO THE EXECUTIVE OFFICER THAT SPECIFIC ADDITIONAL TIME IS NECESSARY.
7. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT: (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME; AND (B) THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
8. THIS ENGINE SHALL BE A US EPA CERTIFIED, NON-ROAD COMPRESSION-IGNITION ENGINE, AS EVIDENCED BY THE MANUFACTURER'S ENGINE TAG.

Please notify RAMAN PATEL at 909/396-2466 when SCAQMD information packets are needed or if you have any questions concerning the Certification/Registration Program.

This Certified Equipment Permit is based on the plans, specifications, and data submitted as it pertains to the release of air contaminants and control measures to reduce air contaminants. No approval or opinion concerning safety and other factors in design, construction or operation of the equipment is expressed, or implied.

This Certified Equipment Permit will become invalid if this application is cancelled. THIS PERMIT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE unless an extension is granted by the Executive Officer.

By 
RAMAN C. PATEL, P.E.
Senior Air Quality Engineer

ORIGINAL (copy)

475 Goddard, Suite 200, Irvine, California 92618 Phone 949/753-7070 Fax 949/753-7071 www.ninyoandmoore.com

To: Public Records Coordinator

Date: July 7, 2009

Firm: Santa Ana Regional Water Quality Control Board

Fax No: 951-781-6288

Address: 3737 Main Street, Suite 500, Riverside, CA

Telephone No: 951-782-4130

From: Javier Perez (jperez@ninyoandmoore.com)

Total Pages Including Transmittal: 1

Subject: Records Request

Project No: 207573002

<input type="checkbox"/> Urgent	<input type="checkbox"/> For Approval	<input type="checkbox"/> For Your Use	<input checked="" type="checkbox"/> Please Reply	<input type="checkbox"/> As Requested
Original Document:	<input checked="" type="checkbox"/> Will Not Follow	<input type="checkbox"/> Will Follow	<input type="checkbox"/> By U.S. Mail	<input type="checkbox"/> By Other

Dear, Sir/Madam

I am conducting a Phase I Environmental Site Assessment and would like to review files that your agency may have regarding the site located:

- 1535 W. 4th Street,
- 470 N. L Street, *Available*
- 395 N. Mt. Vernon Avenue,
- 1500 W. Rialto Avenue, and *Available + 1450 W. Rialto.*
- 1170 W. 3rd Street, San Bernardino, CA

The site includes the Mt. Vernon Bridge on N. Mt. Vernon between W. 2nd Street and W. 5th Street in the City of San Bernardino.

If a file is available, Please contact me at 949/753-7070 extension 2269 to discuss the procedure for reviewing/copying files and costs.

Thank you,

Javier Perez

Senior Staff Environmental Scientist

FAXED
7/8/09

- Geotechnical Engineering
- Engineering Geology
- Materials Testing and Inspection
- Construction Management
- Engineering Design
- Environmental Engineering
- Environmental Site Assessments
- Regulatory Compliance and Permitting
- Water Quality and Resource Evaluations
- Hazardous Waste Management
- Soil and Groundwater Remediation
- Asbestos and Lead-Based Paint Surveys
- Geophysical Studies
- Mineral Resource Evaluations
- Value Engineering
- Forensic Studies
- Expert Witness Testimony

21 December 2001

Mr. Maneck G. Chichgar
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

1 Hutton Centre
Suite 600
South Coast Metro,
CA 92707
(714) 430-1476
(714) 436-2940 (fax)



BNSF

Subject: Verbal Authorization - Partial Backfill of Soil Excavation
Former Wastewater Treatment Plant Area
BNSF San Bernardino Facility

Dear Mr. Chichgar:

On behalf of The Burlington Northern and Santa Fe Railway Company (BNSF), thank you for your site visit on 19 December 2001 to review current progress in soil remediation activities at the former industrial wastewater treatment plant (IWWTP) at BNSF's facility in San Bernardino, California.

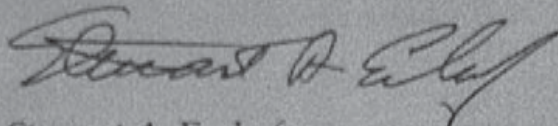
Based on your review of summarized analytical results of confirmation samples collected by Environmental Resources Management (ERM), we are confirming our understanding of your verbal authorization for BNSF's contractor, CDE Resources, Inc. (CDE) to proceed with partial backfilling of the current excavation. The partial backfill activities in this area (southeastern portion of the site) will consist of the placement and compaction of clean material within the first approximately 80 feet north from the excavation's south sidewall. As you directed, backfill will be limited to depths below the residual stained soils that are present along a portion of the south sidewall. As you requested, ERM collected 3 additional sidewall samples from the stained soils on the south sidewall for chemical analyses.

As you witnessed during your visit, as a safety precaution, CDE is backfilling a portion of the excavation along the eastern sidewall due to the depth and proximity of the excavation to the active railroad track adjacent to the eastern side of the excavation. The backfilling activities include that portion of the excavation that lies within 50 feet from the railroad track.

06/02/2009

ERM will communicate further with you on behalf of BNSF, as analytical data is obtained from continued confirmation sampling activities. Please contact me at (714) 430-1476 if you have any questions regarding this project.

Sincerely,



Stewart A. Emhof
Program Director

SAE/1966.25

cc: Mick Hardin, BNSF

06/02/2009

The Atchison, Topeka and Santa Fe Railway Company

San Diego Office
2000 San Diego Street
San Diego, California 92106



713/267-5000

December 11, 1987

PC 144 PCN 147-17
12/11/87

Mr. James E. Bennett, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
4800 Lindero Ave., Suite 300
Riverside, CA 92504

DEC 16 1987

ATTN: Diane W. Lane Assoc. Eng. Geologist
Rich Bailey Engineering Geologist

RE: 11-12-87 Meet ATSF Railway, TPCa, SPOES, and H&M Summitale

Dear Mr. Bennett:

Following is our understanding of the various topics discussed at the above cited meeting.

Those in attendance at the meeting were:

Diane E. Lane, Assoc. Engr. Geologist (CRWQCB)
Richard D. Bailey, Engineering Geologist (CRWQCB)
Myron A. Eng, Water Resource Control Engr. (CRWQCB)
Celia Fitzgerald, Resource Control Engr. (CRWQCB)
Richard Stone, President - ERM West
Lori Pettigrew - Scientist - ERM West
T. C. Larsen, Mgr. Environment, ATSF Roy Co.

The items discussed are presented below by topic along with any relevant information obtained subsequent to that meeting.

1. NPDES Renewal

Santa Fe's NPDES renewal application for storm diversion outfalls "001" and "002" with fees was given to Myron Eng. As explained to Mr. Eng the permit, Form 2c, indicates that Santa Fe will be working on a design of a new wastewater treatment plant beginning January 1, 1988. The plan will incorporate segregation of storm drains and industrial drains. When completed the new plant should be capable of treating industrial wastewater without diversions, during most storms.

The present schedule calls for design to be completed in 1988 with construction being completed in early 1989.

Mr. Eng indicated that he would be reviewing the permit and that board approval would probably be scheduled for January or February 1988.

06/02/2009

California Regional Water Quality Control Board
Santa Ana Region

Cleanup and Abatement Order No. 88-80
for
The Atchison, Topeka and Santa Fe Railway Company
San Bernardino, San Bernardino County

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter Board), finds that:

1. The Atchison, Topeka and Santa Fe Railway Company (hereinafter ATSF), currently owns and operates an engine and railcar maintenance yard, known as the San Bernardino Railyard, at 1260 West 3rd Street, San Bernardino, San Bernardino County, as shown in Attachment 'A' which is made a part of this order.
2. ATSF has operated this facility as both a depot and a maintenance facility. Currently, the prime work activities performed at the site include the dismantling, cleaning and rebuilding of locomotives. As part of these maintenance activities, degreasing solvents, including tetrachloroethylene (PCE), have been used historically at the site.
3. In June 1984, City of San Bernardino Water Department staff observed the presence of fuel oil in a monitoring well at a depth of 25 feet. In response to this, Regional Board staff met with ATSF representatives at the San Bernardino Railyard on June 27, 1984 and inspected the site. During this inspection, staff noticed that the various solvents used at the facility were improperly handled, stored and disposed of by ATSF employees. In a letter dated July 19, 1984, staff requested that ATSF provide information on the storage and disposal practices followed at the facility and a work plan to investigate and clean up the fuel oil found in the monitoring well.
4. On July 25, 1984, staff received from the City of San Bernardino the analyses of water samples collected from the well at the site and from an off-site well, southeast of the site. Both water samples were analyzed for chlorinated hydrocarbons. The results from the on-site well showed trichloroethylene (TCE) at 22.54 parts per billion (ppb) and tetrachloroethylene (PCE) at 146.42 ppb. The results from the off-site well did not show any of these constituents.

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5. In August 1984, the effluent from the ATSF wastewater treatment facility was sampled for volatile organics by the City of San Bernardino. This wastewater is discharged to the City of San Bernardino sewer system. The analysis of the effluent from the ATSF wastewater treatment facility showed concentrations of trichloroethane (TCA) at 32 ppb, methylene chloride at 1900 ppb and toluene at 51 ppb.

6. A report dated October 25, 1984 was submitted by ATSF in response to the July 19, 1984 letter from the Board. In this report, ATSF stated that "spillage and overspray" of the "fuels, lubricants and paints" occur at the site and that the use of other chemicals may result in "runoff onto surrounding soil." The report discussed the performance of the ATSF wastewater treatment plant and included the results of the treatment plant's effluent collected for fourteen consecutive days in August 1984. Analyses of the effluent showed that concentrations of TCE ranged from non-detectable to 16.0 ppb, TCA ranged from non-detectable to 100 ppb and PCE ranged from 5.6 to 146 ppb. The presence of these solvents in the wastewater confirms the use of these materials by ATSF.

7. A letter dated December 14, 1984, was sent to ATSF by Board staff, again requesting that a workplan be submitted to investigate the presence of fuel oil and to determine the source of the fuel oil contamination. Monthly progress reports were also requested.

8. In February 1985, ATSF submitted a proposal to install ground water observation wells and investigate the ground water contamination present at the site. In March 1985, the results of this investigation were submitted to the Regional Board. Nine soil borings (SB-1 through SB-9) were drilled to depths of 11.5 to 21.5 feet; five observation wells (OW-2, -4, -5, -7 and -8) were drilled to depths of 54.5 to 60 feet; and two deep monitoring wells (OW-3 and -6) were drilled to depths of 140 and 135 feet, respectively. Approximately 1/4 inch of floating fuel was observed in OW-4. Ground water samples from OW-2, -3, -4, -5 and -6 were collected and analyzed and no dissolved aromatic petroleum compounds were detected. The samples were not analyzed for chlorinated solvents.

9. The March 1985 monthly monitoring report provided information on the effluent discharged from the ATSF wastewater treatment plant to the City of San Bernardino's sewer system. Weekly effluent samples from the ATSF treatment facility were collected and analyzed on a monthly basis, and the results indicated that ATSF continued to discharge wastewater containing solvents to the City of San Bernardino's sewer system. The monthly results from

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November 1984 to January 1985 showed that TCA ranged from 22 ppb to 6,904 ppb, PCE ranged from 50 ppb to 4,242 ppb, and TCE ranged from 7 ppb to 1,150 ppb.

10. Ground water samples collected in May 1985 from the observation wells were analyzed for chlorinated hydrocarbons. The results showed methylene chloride at levels ranging from non-detectable to 18 ppb, TCE at levels from non-detectable to 288 ppb, PCE at levels from non-detectable to 5 ppb and toluene at levels ranging from 2.2 ppb to 21 ppb.

11. In September 1986, as part of an investigation of a leaking underground gasoline tank at a service station, located downgradient of the ATSF site, seven monitoring wells were analyzed for chlorinated hydrocarbons. PCE was found in concentrations ranging from non-detectable to 1600 ppb and TCE was found at levels from non-detectable to 400 ppb.

12. In January 1988, wastewater and sediment samples were collected from two surface impoundments at the site to determine if the impoundments are subject to the Toxic Pits Cleanup Act (TPCA). The level of TCE contamination found in the sediment samples ranged from non-detectable to 6800 ppb and PCE was not detected in any of the sediment samples analyzed. The concentration of PCE contamination found in the waste water samples ranged from 120 ppb to 190 ppb and the concentration of TCE found ranged from 230 ppb to 360 ppb.

13. In September 1987, four soil borings and three monitoring wells (MW-9, MW-10 and MW-12), were installed by ATSF in an attempt to characterize the ground water contamination present at the site. Analyses of the soil from boring B-11 showed PCE at concentrations of 1,997 ppb (at depths of 12 - 12.5 feet) and 41 ppb (at a depth of 19 feet). A survey of the ground water levels in these monitoring wells indicated a direction of ground water flow to the southeast. In April 1988, ATSF installed two additional monitoring wells (MW-11 and MW-13) at the site. Ground water samples were collected both in September 1987 and in April 1988. The maximum contaminant levels found in each of the monitoring wells were:

Monitoring Well No.	Trichloroethylene (TCE) ug/l (ppb)	Tetrachloroethylene (PCE) ug/l (ppb)
9	3	3
10	1,036	1
11	140	(ND=not detected) ND
12	ND	1
13	150	31

06/02/2009

split samples from 99-12 obtained by staff in September 1987 showed concentrations of PCB at 820 ppb and TCX at non-detectable concentrations. The State Department of Health Services recommended drinking water action level for PCB is 2.0 ug/l (ppb) and for TCX is 4.0 ug/l (ppb).

14. The ATSF property is located in the NW/4 of Sections 8 and 9, T1S, R4W, S38N, and overlies the Barker Mill I Ground Water Subbasin, the beneficial uses of which include:

- a. municipal and domestic supply,
- b. agricultural supply,
- c. industrial service supply, and
- d. industrial process supply.

15. ATSF has caused or permitted wastes to be discharged into waters of the State such that these wastes are creating, or are threatening to create, a condition of nuisance or pollution.

16. This action is being taken by a regulatory agency to enforce a water quality law. Such action is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21100 et seq.) in accordance with Section 15321, Chapter 3, Title 14, California Code of Regulations.

IT IS HEREBY ORDERED that, pursuant to Section 13304, Division 7, of the California Water Code, ATSF shall:

1. Abate any effects resulting from discharges of degreasing solvents at the subject site and take appropriate steps to mitigate any potential effects resulting from the discharges.
2. By September 8, 1988, submit a report describing the past use of solvents at this site. This report shall discuss the type and quantity of the solvents used, identify the locations where each solvent was used and describe the disposal methods practiced at the site. Also, the report shall include the results of any field investigations completed to date that would aid in identifying the locations of contaminated source areas at the site.
3. By September 22, 1988, submit a work plan for the installation of additional monitoring wells to more accurately define the lateral extent of the contamination in the shallow aquifer. The work plan must address both on-site and off-site areas and describe the locations, depths and construction details

06/02/2009

of the proposed additional monitoring wells. The work plan must also include shallow soil borings to fully characterize any remaining soil contamination. The work plan must include a time schedule for all field activities, sampling, and the submission of a final report.

4. Implement the work plan submitted pursuant to Item 3, above, in accordance with the time schedule approved by the Executive Officer.

5. Within 20 days of approval by the Executive Officer of the work plan submitted in accordance with Item No. 3 above, submit a ground water sampling and analysis plan. The plan shall identify key monitoring wells to be sampled on a monthly basis (including wells installed pursuant to Item No. 3 above, as appropriate) and shall include at least semiannual sampling for all monitoring wells. The plan shall describe sample collection and preservation techniques, analytical methods, and laboratories to be used.

6. Implement the ground water sampling and analysis plan submitted in accordance with Item 5, above, within 20 days of approval by the Executive Officer. The details of the sampling and analysis plan may be modified by the Executive Officer at any time.

7. Within 60 days of completion of the work required by Item 4, above, submit a work plan for the installation of additional monitoring wells to detect and characterize (or verify the absence of) any contamination of the deeper aquifer as a result of the discharges at the subject site. The work plan must describe the locations, depths and construction details of the proposed additional monitoring wells. The work plan must also describe appropriate drilling and well construction methods to prevent any cross-contamination of the aquifers. The work plan must include a time schedule for all field activities, sampling and the submission of a final report.

8. Implement the workplan submitted pursuant to Item 7, above, in accordance with the time schedule approved by the Executive Officer.

9. Within 60 days of notification by the Executive Officer, submit a plan for a ground water extraction and treatment system for the shallow aquifer. Such notification shall occur when the additional investigation and/or sampling and analysis program conducted pursuant to Items 4 and 6 above, indicate that the

06/02/2009

extent of contamination in the shallow aquifer has been defined adequately to determine the scope of necessary remedial actions. The plan shall include a proposal for the evaluation of the effectiveness of the system. The plan shall also include a time schedule for the installation of any necessary ground water extraction wells, a treatment system, and appurtenant facilities necessary for the operation of the system.

10. Implement the ground water cleanup plan submitted pursuant to Item 9, above, in accordance with the time schedule approved by the Executive Officer.

11. Within 60 days of notification by the Executive Officer, submit a plan for a ground water extraction and treatment system for the deeper aquifer. Such notification shall occur if the investigation for the deeper aquifer conducted pursuant to Item 8, above, indicates that contamination of the deeper aquifer has occurred. The plan shall include a proposal for the evaluation of the effectiveness of the system. The plan shall also include a time schedule for the installation of any necessary deep ground water extraction wells, a treatment system, and appurtenant facilities necessary for the operation of the system.

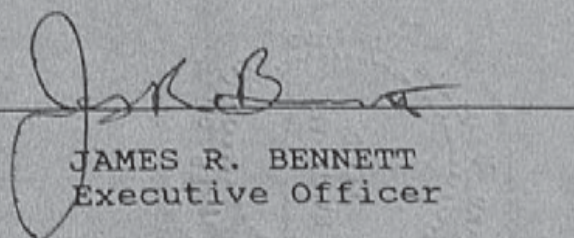
12. Implement the deeper aquifer ground water cleanup plan submitted pursuant to Item 11, above, in accordance with the time schedule approved by the Executive Officer.

13. Submit a report to the Board by the thirtieth (30th) day of each month describing the status of the site investigation and cleanup activities and any significant findings or developments that occurred during the previous month. The monthly report shall also include the analytical results for all samples collected during the previous month in accordance with Item 5, above, and an interpretation of these data.

If, in the opinion of the Executive Officer, this order is not complied with in a reasonable and timely manner, this matter will be referred to the Board for the imposition of administrative civil liability or referral to the Attorney General for imposition of judicial liability, as provided by law.

06/02/2009

I, James R. Bennett, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on July 8, 1988.



JAMES R. BENNETT
Executive Officer

06/02/2009

BUNKER HILL

SAN BERNARDINO

SITE

Lytle

SAN BERNARDINO
Creek

B E

06/02/2009

Attachment "A"
Order No. 88-80
Page 8

California Regional Water Quality Control Board
Santa Ana Region

July 4, 1988

ITEM: 12

SUBJECT: The Atchison, Topeka and Santa Fe Railway Company,
Cleanup and Abatement Order No. 88-80

DISCUSSION:

The Atchison, Topeka and Santa Fe Railway Company (ATSF) owns and operates a maintenance yard in the City of San Bernardino. The principal operations conducted at the facility include the dismantling, cleaning and rebuilding of locomotives. ATSF has historically utilized degreasing solvents, including tetrachloroethylene (PCE), as part of these operations.

The use and improper disposal of solvents at the subject facility have resulted in discharges that have impacted water quality. This is demonstrated by the following information:

1. Analyses of effluent from ATSF's on-site wastewater treatment facility have frequently detected PCE and trichloroethylene (TCE), and have also identified trichloroethane (TCA). The maximum concentrations reported have been 4,242 parts per billion (ppb) for PCE, 1,150 ppb for TCE, and 6,904 ppb for TCA. While this wastewater is discharged to the City of San Bernardino's sewer system, the presence of these solvents in the wastewater confirms their use by ATSF.
2. Soil samples collected by ATSF at the subject facility have identified concentrations of PCE in shallow soils as high as 1,997 ppb. This data confirms that solvents have been discharged to the ground at the site.
3. To date, ATSF has installed 11 ground water monitoring wells at the facility. Sampling of these wells by ATSF and Board staff has identified contaminant concentrations in ground water as high as 820 ppb for PCE and 1,036 ppb for TCE. Note that the Drinking Water Action Levels are 4.0 ppb for PCE and 5.0 ppb for TCE. This information demonstrates the impact on ground water underlying the ATSF site.
4. Ground water monitoring conducted at a service station as part of an investigation of a gasoline underground tank leak identified concentrations as high as 1600 ppb for PCE and 400 ppb for TCE. These contaminants are not associated with the gasoline leak, and the service station site is located generally downgradient of the ATSF site. Since PCE and TCE have been detected in ground water

06/02/2009

underlying the ATSF property, ATSF appears to be a potential source of the contaminants detected at the service station. Any migration of these contaminants from the ATSF property to a downgradient site would constitute a discharge as defined in the Water Code. This possible off-site migration underscores the need for timely investigation and cleanup of ground water contamination underlying the ATSF site.

Based on the above information, it is appropriate to order ATSF to conduct investigation and cleanup of ground water contamination associated with its facility. Cleanup and Abatement Order No. 88-80 therefore includes the tasks and time schedule for completion of the necessary work.

RECOMMENDATION:

Adopt Cleanup and Abatement Order No. 88-80, as presented.

06/02/2009



California Regional Water Quality Control Board

Santa Ana Region



Alan C. Lloyd, Ph.D.
Agency Secretary

3737 Main Street, Suite 300, Riverside, California 92501-3348
Phone (951) 782-4330 • FAX (951) 781-6288 • TDD (951) 782-3221
WWW.WQCBORGLA.RIO.CALIFORNIA

Arnold Schwarzenegger
Governor

February 21, 2006

Mr. Matt Graham, Manager
Environmental Remediation
Burlington Northern & Santa Fe Railway Co.
740 East Carnegie Drive
San Bernardino, CA 92408

NO FURTHER ACTION DETERMINATION FOR YELLOW TRANSPORTATION, INC. FACILITY, FORMER BURLINGTON NORTHERN & SANTA FE RAILWAY COMPANY (BNSF) SITE, 1500 WEST RIALTO AVENUE, SAN BERNARDINO, CA

Dear Mr. Graham:

We have reviewed the reports entitled "Request for Site Closure" and "Results of Confirmation Soil Samples" dated April 21, 2005 and October 19, 2005, respectively. The reports were submitted by your consultant, Mr. Stewart Emhof, formerly of Environmental Resources Management, Inc. (ERM) and currently with AMEC Earth & Environmental, Inc. The activities described in these reports were performed in partial fulfillment of the requirements of Cleanup and Abatement Order (CAO) No. 88-80, adopted by the California Regional Water Quality Control Board, Santa Ana Region, on July 8, 1988.

Nine phases of soil and groundwater investigation have been conducted at this site, starting in 1989 and ending in 2000. Subsurface soil in the vicinity of the former Union Pacific Rail Road (UPRR) refueling and maintenance facility (Engine House), at the above address, was impacted by total petroleum hydrocarbons (TPH). In May 1999, nine bioventing wells (BV-1 to BV-9) were installed in the petroleum-impacted soil to the northeast and east of the former Engine House. In addition, between February 2000 and January 2001, approximately 18,000 tons of soil impacted with TPH and lead were excavated and disposed of off-site.

Following review of the "Request for Site Closure", Board staff requested confirmation sampling at the site. On May 12, 2005, Board staff approved the sampling plan to collect soil samples at three locations (CB-1, CB-2 and CB-3) in the vicinity of the former Engine House. The sampling plan entailed advancing three borings to a total depth of forty feet (ft) below ground surface (bgs), and collecting soil samples as follows: in CB-1 at 20 ft and 36.5 ft; in CB-2 at 21.5 ft and 35.5 ft; and in CB-3 at 36.5 ft. The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (U.S. EPA) Method 8260B, total volatile petroleum hydrocarbons (TVPH) by U.S. EPA Method 8015 Modified, and total extractable petroleum hydrocarbons (TEPH) by U.S. EPA Method 8015 with hydrocarbon chain distinction. Groundwater at the site is found at 110 ft bgs.

Results from analyses of the confirmation soil samples indicate that no VOCs were detected in any of the borings except for 1,2,4-trimethylbenzene at 9.2 micrograms per kilogram ($\mu\text{g/kg}$) in CB-2 at 32.5 ft bgs. TVPH was not detected in any of the borings except for two samples in CB-2 with 2.1 milligrams per kilogram (mg/kg) at 32.5 ft bgs and 28 mg/kg at 18 ft bgs.

TEPH in the motor oil fuel range (C23-C32) was detected only in CB-1, with a concentration of 23 mg/kg at 17 ft bgs. TEPH in the diesel-fuel range (C13-C22) was detected in CB-1 with 11 mg/kg at 17 ft bgs.

California Environmental Protection Agency



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06/02/2009

and in CB-2 at 18.5 ft and 32.5 ft with concentrations of 3,900 mg/kg and 58 mg/kg, respectively. CB-2 is located in close proximity to former soil boring UP-16, which had initial concentrations of 11,000 mg/kg total recoverable petroleum hydrocarbons.

In May and June 1999, seven C-Sparge™ wells (CS-1 through CS-7) were installed downgradient of the Engine House. These wells have been delivering an air/ozone mixture through sparge points to mitigate the dissolved SVOCs in the groundwater. Five monitoring wells (MW-YFS1 through MW-YFS4 and MW-65) have been installed to monitor the groundwater immediately south of the Engine House. MW-66 was installed off-site, further downgradient and to the southeast, on BNSF property. Tetrachloroethylene (PCE); trichloroethylene (TCE); cis-1,2 dichloroethylene (cis-DCE); trans-1,2 dichloroethylene (trans-DCE); 1,1 dichloroethane (1,1-DCA); vinyl chloride; benzene; ethyl-benzene and toluene (BTEX) were detected in the groundwater.

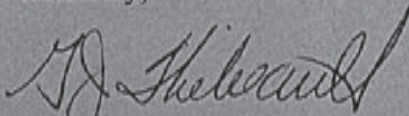
MW-YFS2 was abandoned in September 2000 due to construction activities. Results of the monitoring activity in MW-YFS2 indicate that cis-DCE declined from 200 µg/l to 43 µg/l, and TCE declined from 48 µg/l to 6.1 µg/l, from June 1999 to September 2000.

PCE was found at a maximum concentration of 56 µg/l in MW-65, and has dropped to 0.87 µg/l. Similarly, the maximum concentration of TCE recorded in MW-YFS-2 at 37 µg/l has dropped to 6.1 µg/l. The maximum concentration of cis-1,2 DCE was recorded in MW-YFS2 at 241 µg/l and has dropped to 43 µg/l. The maximum concentration of vinyl chloride was recorded in MW-YFS2 at 5.4 µg/l and has dropped to less than 1.0 µg/l. The maximum concentration of 1,1-DCA was recorded in MW-YFS2 at 5.9 µg/l and has dropped to 1.4 µg/l. Benzene, ethyl-benzene and toluene were detected in wells YFS-1, YFS-3 and YFS-4, with values below the California Department of Health Services maximum contaminant levels (MCLs).

Based on the information provided, and the remaining low levels of TPH, VOCs, SVOCs and BTEX in the soil and groundwater, and the fact that groundwater is located at a depth of 110 feet bgs, we do not consider the residual concentrations remaining at the site to be a threat to water quality. Therefore, no **further action** is necessary at this site. As with any real property, if previously unidentified contamination is discovered at these locations in the future, additional assessment, investigation and/or remediation may be required.

If you have any questions, please call Maneck G. Chichgar at (951) 782-3252 or Ann Sturdivant, Chief of our SLIC/DoD Section at (951) 782-4904.

Sincerely,



Gerard J. Thibeault
Executive Officer

cc: Steven Emhof, AMEC Earth & Environmental, Inc., 1290 North Hancock Street, Suite 102,
Anaheim, CA 92807-1924

C: Data/M... BNSF/NFA Yellow Transport

California Environmental Protection Agency



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California Regional Water Quality Control Board Santa Ana Region

William H. Wilson
Secretary for
Environmental
Protection

Regional Office, 1000 North Main Street, Suite 100
Santa Ana, CA 92701-1000
Phone: (714) 241-1000, Fax: (714) 241-1001



May 17, 2001

Mark Hardin, Manager
Environmental Remediation
Burlington Northern & Santa Fe Railway Co.
740 East Carnegie Drive
San Bernardino, CA 92405

NO FURTHER ACTION AT SIX SOIL EXCAVATION AREAS, FORMER BURLINGTON NORTHERN & SANTA FE RAILWAY COMPANY SITE, 1500 WEST RIALTO AVENUE, SAN BERNARDINO, CA

Dear Mr. Hardin:

We have reviewed the Request for Closure Report submitted by your consultant, Mr. Stewart Embol of Environmental Resources Management (ERM), regarding the lead and petroleum hydrocarbon-impacted soil at the above-referenced location.

The report indicates that soil excavation activities were conducted in six areas to remove soil impacted with lead and petroleum hydrocarbons. The areas of excavation are designated as Area 1, Area 2, Area 3, Debris Excavation Area, North Storm Drain and South Storm Drain. These excavation activities were conducted between February 29, 2000 and January 10, 2001. Confirmatory soil samples were analyzed for total extractable petroleum hydrocarbons (TEPH) using EPA Method 8015 modified, total lead using EPA method 6010, and soluble lead by waste extraction test (WET), which was compared to the soluble threshold limit concentration (STLC) for lead using California Code of Regulations (CCR) Title 22 methods.

Area 1 was excavated to a maximum depth of 7.0 feet below ground surface (bgs). Of the ten confirmatory soil samples along the walls and bottom of the excavation, total lead concentrations for nine samples ranged from 3.2 to 28.0 mg/kg and TEPH ranged from less than 0.5 to 30 mg/kg. One sample, along the north wall, indicated a total lead concentration of 130 mg/kg and a TEPH concentration of 120 mg/kg.

Area 2 was excavated to a maximum depth of 7.5 feet bgs. Confirmatory soil samples analyzed for total lead ranged from 6.8 to 20 mg/kg, and for TEPH, ranged from 9.5 to 11 mg/kg.

Area 3 was excavated to a maximum depth of 10.5 feet bgs. Of the nine confirmatory soil samples along the walls and bottom of the excavation, total lead concentrations for eight samples ranged from 4.1 to 13 mg/kg and TEPH ranged from less than 0.5 to 97 mg/kg. One sample, along the east wall, indicated a total lead concentration of 73 mg/kg and a TEPH concentration of 260 mg/kg.

California Environmental Protection Agency

06/02/2009

MAIN PARCEL

FORMER
UPPER
FARM
HOUSE

MU-YESI
Scrub Area

CURRENT
EXCAVATION

FORMER
EXCAVATIONS

PARCEL "B"

RIALTO - AVE.

FIGURE 1

1500 W. RIALTO AVE
SAN BERNARDINO, CA

September 9, 2008

Mr. Matthew P. Graham
(Matt.Graham2@BNSF.com)
Manager, Environmental Remediation
Burlington Northern & Santa Fe Railway Co.
740 East Carnegie Drive
San Bernardino, CA 92408

**CLOSURE OF VAPOR EXTRACTION/VAPOR TREATMENT SYSTEM, FORMER
BNSF RAILWAY COMPANY (BNSF) RAILYARD SITE, INTERMODAL FACILITY,
SAN BERNARDINO, CA**

Dear Mr. Graham:

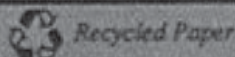
We have reviewed the document titled "Closure Report, Vapor Extraction/Vapor Treatment System" (VES/VTs), describing soil investigation and cleanup activities by The Burlington Northern and Santa Fe Railway Company (BNSF), formerly known as The Atchison, Topeka and Santa Fe Railway Company (ATSF), at BNSF's former railyard facility in San Bernardino, California (Site). The report was submitted by your consultant, Mr. Stewart Emhof of Environmental Resources Management, Inc. (ERM). The VES/VTs remedial activities were conducted in partial fulfillment of Cleanup and Abatement Order (CAO) No. 88-80, issued to BNSF by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB), on July 8, 1988.

The Site formerly contained facilities for the remanufacturing, heavy repair, and maintenance of locomotives and rail cars. During the 1970s and 1980s, the shops were downsized and the car repair shops were closed. Operations ceased at this Site in 1992. The VES/VTs remedial activities were conducted in the diesel shops area of the Site, which is now occupied by BNSF's Intermodal Facility.

Soil vapor surveys that were conducted in 1992 and 1993 identified areas of shallow soil within the former diesel shops area that were impacted by volatile organic compounds (VOCs). The VOCs were primarily halogenated VOCs (HVOCs), consisting primarily of tetrachloroethene (PCE) and trichloroethene (TCE).

Subsurface soil sampling was also conducted in the VOC-impacted areas during site investigations that were conducted between 1989 and 1993. Based on those investigations, the contaminants of concern were shown to occur primarily within the

California Environmental Protection Agency



06/09/2009

The second 10% increase is one of the major increases that would increase the tax on cigarettes from 20¢ per pack to 22¢ per pack. The third 10% increase is the one that would increase the tax on cigarettes to 24¢ per pack.

[illegible]

Due to extensive production of hydrocarbons over 1980, generated from the thermal degradation of HFO, the two periods were analyzed from 1979-1980 and 1980-1981 as well as 1981-1982 in the system, on May 8, 1982 and December 10, 1982, respectively.

in January 2004, the Eastern VTE including the outlier was shut down as a result of improved efficiency in the national grid network of vapors following the addition of the outlier. The Eastern group of VTE units were then connected to the Western VTE, which continued to treat extracted and vapors from both the Eastern and Western groups of VTE units in overall compliance with the SICAAAC permit conditions.

Since system startup in 1998, the Western System has removed a cumulative total of approximately 25,000 pounds of VOCs from subsurface soils. Since startup in 1998, the Eastern System has removed a cumulative total of approximately 57,000 pounds of VOCs from subsurface soils.

EMM reports that, based upon the concentrations of carbon dioxide, methane, and petroleum hydrocarbon in the inlet vapor samples, the VES operator (TRC, Inc.) estimated that operation of the VES/VTS has resulted in the biodegradation of approximately 3 million pounds of petroleum hydrocarbon since system startup in 1999.

06/02/2009

September 9, 2008

Between March 2004 and April 2006, RWQCB staff gave BNSF verbal approval to cease extraction from groups of wells as rebound tests were performed for each group of wells, and analytical results of rebound test samples verified that VOC concentrations in each of the well groups had leveled off, with little or no variation. During each pulsing event, the VTS was activated, with vacuum applied to extraction wells in each group. At each startup of the VTS, a vapor sample ("initial") was collected from the VTS inlet, and submitted for chemical analysis by SCAQMD Method TO-15, and another sample was collected after approximately 24 hours of operation. Typically, three rebound test events were performed on each of the VES well groups, but certain groups required additional pulses to achieve a "point of diminishing returns". For example, Well Group 6 was pulsed on a monthly basis between December 2006 and October 2007, and bi-weekly from October 2007 to December 2007, prior to it reaching a value that was considered to be a point of diminishing returns.

At the initiation of the VES in February 1998, the PCE, TCE and cis-1,2-DCE concentrations from all wells (based upon a composite sample taken at the system outlet) were 274 parts per million by volume (ppmv), 18 ppmv and 30 ppmv, respectively. In February 2006, prior to rebound testing of the VES wells, PCE, TCE and cis-1,2-DCE concentrations from all wells declined to 1.4 ppmv, 0.54 ppmv and 0.35 ppmv respectively. BTEX concentrations dropped from 278.1 ppmv in February 1998 to 2.71 ppmv in 2004 and to 1.6 ppmv in 2006.

The reduction in PCE from the fourteen groups of VES wells ranged from 93.7 percent (%) in Group 4 to 100% in Group 9. The average reduction in PCE from all fourteen groups combined was 97.65%

The percent reduction in TCE in extracted vapors from the fourteen active groups of VES wells ranged from 93.3% in Group 12 to 99.9% in Group 3. The average reduction in TCE from all fourteen groups combined was 97.91%.

The reduction in cis-1,2-DCE in extracted vapors from the fourteen active groups of VES wells ranged from approximately 88.4% in Group 6 to 99.9% in Group 3. The average reduction in cis-1,2-DCE from all fourteen groups combined was 98.4%.

Based on the low concentrations of HVOCs remaining in the soil, and the limited additional VOC removal that would be achieved with continuing the operation of the VES/VTS, it appears that the remaining HVOCs in the soil at the Site do not pose a threat to the beneficial uses of groundwater in the Bunker Hill Groundwater Management Zone. On the condition that the information provided to this agency is accurate and representative of existing conditions at the Site, **no further action** is necessary pertaining to soil vapors at the former diesel shops area. Please be aware that this letter does not relieve you of the responsibility to comply with any applicable requirements of other regulatory agencies.

Mr. Matt Graham

- 4 -

September 9, 2008

We request that you submit all documents to this agency via the State Water Resources Control Board's GeoTracker website, <http://geotracker.waterboards.ca.gov/>.

If you have any questions, please contact Maneck G. Chichgar, Project Manager, at (951) 782-3252, or by email at mchichgar@waterboards.ca.gov, or you may contact Ann Sturdivant, Chief of our Site Cleanup/DoD Section, at (951) 782-4904 or asturdivant@waterboards.ca.gov.

Sincerely,

Kt V. Bltcl

for Gerard J. Thibeault
Executive Officer

cc: Stewart Emhof (Stewart.Emhof@erm.com)

C: Data/Maneck/BNSF/Closure of VES-VTS

06/02/2009

California Environmental Protection Agency



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16 April 2007
Project No. AE07-021(2)

Mr. Maneck G. Chichgar
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

CRWQCB - REGIONAL	DATE
REC'D	4/17/07
APR 17 2007	

Re: Planned Abandonment Of Groundwater Monitoring Wells
Yellow Transportation, Inc. Facility/Former UPRR Leased Facility
1500 West Rialto Avenue
San Bernardino, California

BNSF

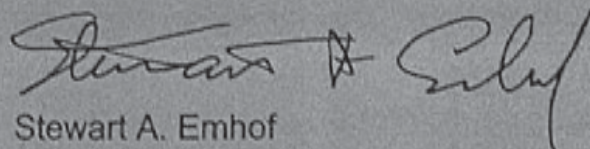
Dear Mr. Chichgar:

In accordance with our recent discussions and your verbal concurrence, AMEC Earth & Environmental, Inc. (AMEC), on behalf of BNSF Railway Company (BNSF), is providing notification to the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) of BNSF's plans to abandon eight groundwater monitoring wells. The eight wells (MW-42, MW-51, MW-52, MW-65, MW-66, MW-69, MW-YFS1, and MW-YFS4, as shown on the attached figure) were associated with characterizing and monitoring groundwater quality at and in the vicinity of 1500 West Rialto Avenue in San Bernardino, California (site).

In its 21 February 2006 letter to BNSF, the RWQCB issued a No Further Action Determination (NFA) for soil and groundwater at and in the vicinity of the site. Based on the NFA, BNSF plans to appropriately abandon each of the eight groundwater monitoring wells in accordance with permits to be obtained by the County of San Bernardino, Department of Health Services.

On behalf of BNSF, we appreciate the oversight that you have provided for this site. Please contact Stewart Emhof at (714) 779-2591 if you have any questions or comments concerning the planned well abandonment activities.

Sincerely,



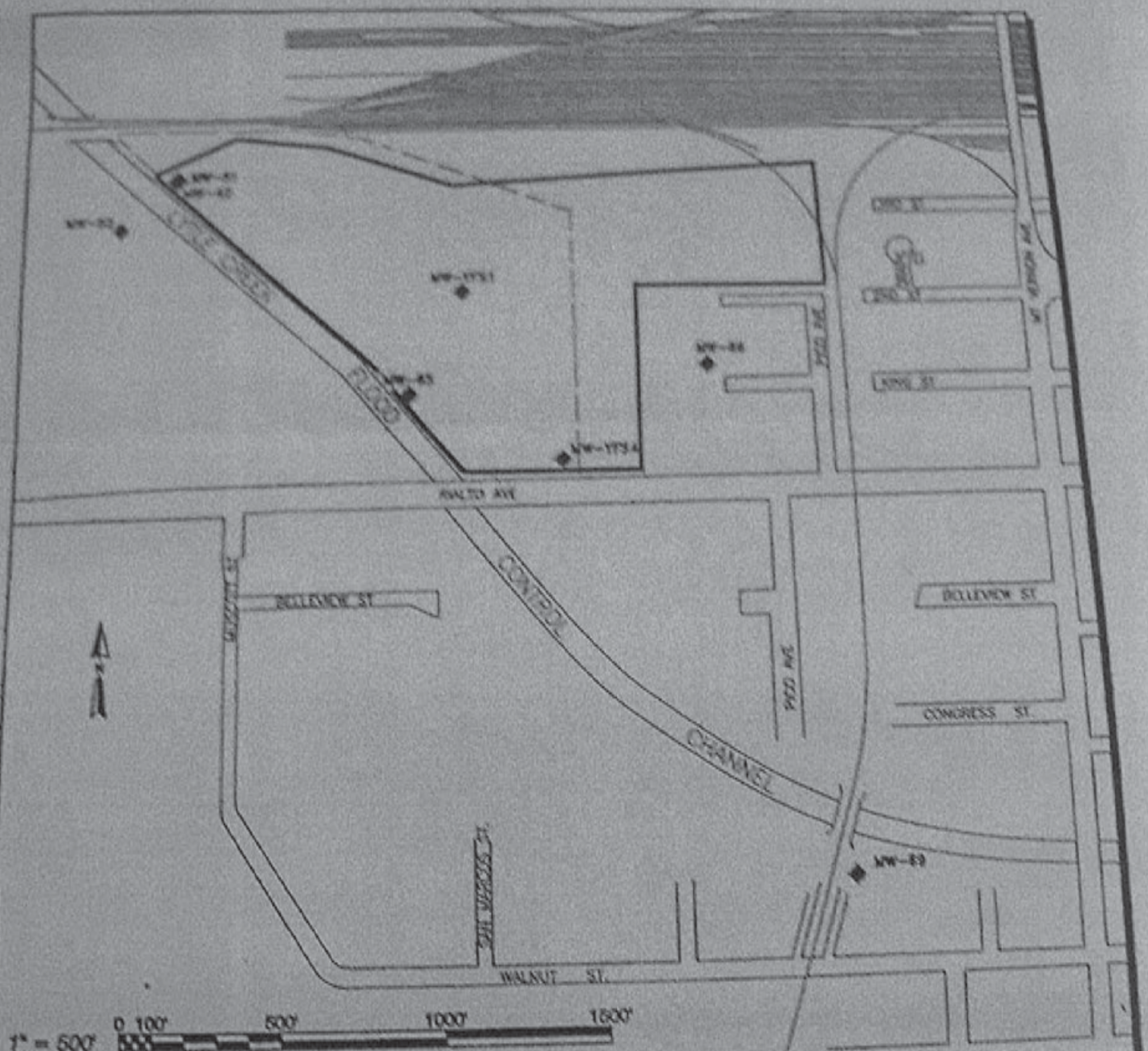
Stewart A. Emhof
Associate Geologist
SAE/dc

Encl. Figure

c: Mr. Maneck G. Chichgar, Addressee (1)
Mr. Matt P. Graham, BNSF (1)

AMEC Earth & Environmental, Inc.
1290 North Hancock Street, Suite 102
Anaheim, California
USA 92807-1924
Tel (714) 779-2591
Fax (714) 779-8377

www.amec.com



LEGEND

◆ MW-63 Existing Groundwater Monitoring Well
Planned for Abandonment
(Wells Associated with Assessing Groundwater Quality
Affected by Source Area Within
Former UPRR Leased Area)

--- Approximate Boundary of Former UPRR Leased Facility

— Approximate Boundary of Current
Yellow Transportation, Inc. Facility

Monitoring Wells
Previously Associated With
Groundwater Assessment
Vicinity of 1500 West Rialto Ave.
San Bernardino, California

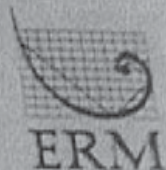
06/02/2009

5 April 1999

Report in Library

1231 Main Street
Suite 600
Irvine, CA 92614
(949) 476-3040
(949) 476-3055 (Fax)

Mr. Robert Holub
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501



Subject: Status Report of VES/VTS Operations
BNSF Facility
San Bernardino, California

Dear Mr. Holub:

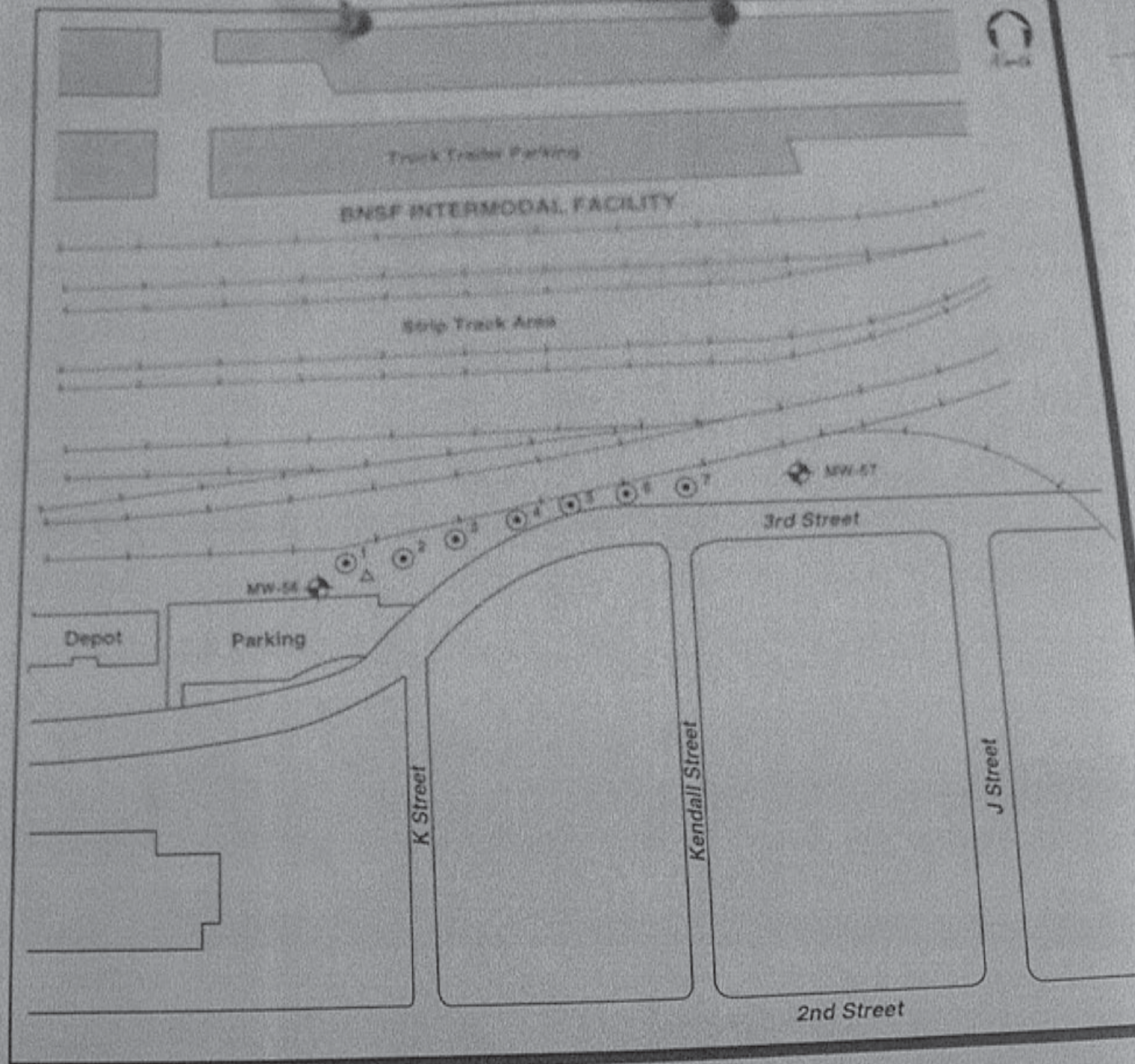
The Burlington Northern and Santa Fe Railway Company (BNSF) commenced operating a vapor extraction system/vapor treatment system (VES/VTS) at BNSF's San Bernardino, California facility on 26 January 1998. The VES/VTS was implemented by BNSF to remediate soils impacted primarily by halogenated volatile organic compounds (HVOCs) and diesel fuel, in partial fulfillment of Cleanup and Abatement Order (CAO) No. 88-80, issued to BNSF by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB).

On behalf of BNSF, ERM submitted a summary of the approximate first six months of operations (January through July 1998) to the RWQCB in ERM's letter dated 2 September 1998. A summary of VES/VTS operations from August 1998 through February 1999 is shown on Table 1 (Appendix A). Additional details of operations during this period are contained in Monthly Operations Reports developed by TRC Environmental Solutions, Inc. (TRC), copies of which are provided in Appendix B.

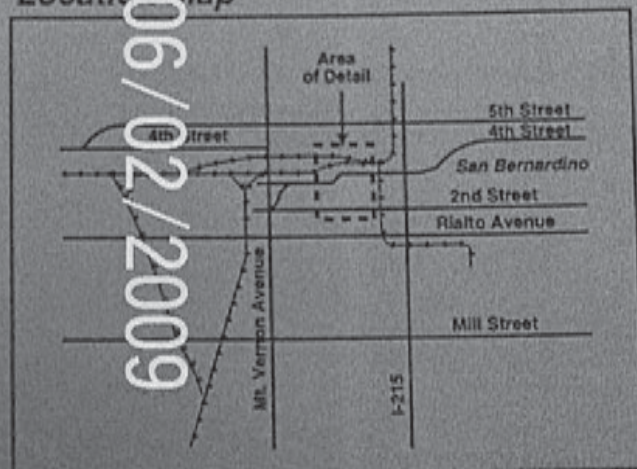
Results of analyses of inlet vapor samples that are required by the South Coast Air Quality Management District (SCAQMD) on a quarterly basis, are included in the Monthly Operations Reports developed for October 1998 and January 1999.

For the period covered by this status report, the western and eastern systems have been operating in general accordance with the permit conditions established by the SCAQMD. Currently, BNSF is conducting

06/02/2009



Location Map



Legend

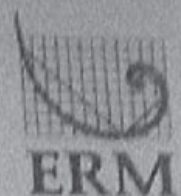
- MW-56 Existing Ground Water Monitoring
- 4 Location of Planned Sparging Well for Pilot Test
- Location of Planned Piezometer

FIGURE
Location of Pilot
BNSF Fa

06/02/2009

13 October 1998

Mr. Bob Holub
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339



Subject: Design Summary Package
Former Union Pacific Facility
BNSF San Bernardino Rail yard

Dear Mr. Holub:

On behalf of The Burlington Northern and Santa Fe Railway Company (BNSF), Environmental Resources Management (ERM) is transmitting this Design Summary Package of a bioventing system to be implemented at the former Union Pacific Facility (former UP facility) at BNSF's Rail yard in San Bernardino, California.

This design was completed in accordance with ERM's September 1996 *Conceptual Remediation Plan for Subsurface Soils, Former Union Pacific Facility* (CRP). The CRP was developed in partial fulfillment of Cleanup and Abatement Order Number 88-80, issued to BNSF by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) on 8 July 1988. The CRP was approved in the RWQCB's 1 July 1997 letter to BNSF. Results of Biotreatment Feasibility studies (Task 1 of the CRP) were recently submitted to the RWQCB in ERM's 25 September 1998 *Interim Summary Report*.

Brief descriptions of the site history the treatment system are presented below. Design drawings and specifications (a total of 10 sheets) are enclosed.

SITE HISTORY

The former UP Facility is located in the southwestern portion of BNSF's

building (Engine House), several access rail tracks, an aboveground storage tank surrounded by a bermed area, two underground storage tanks, and an oil sump. All of these structures, except for the Engine House, have been removed. Fuel loading and unloading operations were historically conducted at the UP Facility.

Under guidance from the RWQCB, approximately 35,000 cubic yards of impacted were excavated and replaced by clean soil during June and July 1994 to allow for the construction of a railroad fly-over that was planned to be located over a portion of the impacted area. It is estimated that an additional 40,000 to 50,000 cubic yards of impacted subsurface soil remains at this site. The remaining impacted soil extends approximately 400 feet southeastward from the previous excavation, and is approximately 175 feet wide (drawing C-3, Conceptual Pipe Layout). The depth to the top of the impacted zone ranges from approximately 20 to 30 feet bgs and ranges in thickness from approximately 15 to 30 feet.

TREATMENT SYSTEM DESCRIPTION

Based on previous geologic studies and pilot testing conducted by ERM at BNSF's San Bernardino Railyard, subsurface soils are conducive to air flow/delivery. The petroleum hydrocarbons detected in the soils at the former UP Facility (primarily diesel and motor oils) are generally heavier than those encountered at the site(s) of subsurface investigations and previous pilot testing conducted elsewhere at the San Bernardino Railyard. Based on this data, ERM has designed an in situ bioventing system to sufficiently remediate the remaining subsurface petroleum hydrocarbon-impacted soils at this location.

The in situ bioventing system will utilize a blower to distribute approximately 100 standard cubic feet per minute of ambient air through a network of piping to nine bioventing wells to stimulate the biodegradation of the contaminants in the soil (Drawing G-1, Conceptual Process Flow Diagram). The system will employ two-inch diameter schedule 40 PVC piping for the air distribution headers (Drawing C-3, Trench Sections). The air delivery to each bioventing well will be controlled at the equipment area using valves provided at the piping manifold (Drawings C-5 and C-6, Piping Manifold Details).

In accordance with the CRP, the bioventing system will be operated in such a manner as to maximize the petroleum-hydrocarbon degradation

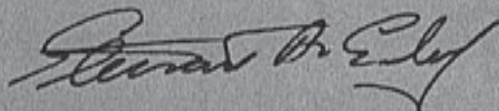
rates. To accomplish that, the subsurface biological activity will be monitored by conducting in situ respiration tests at a frequency of once every six months. During these tests, a series of air samples will be collected from each well to monitor changes in concentrations of oxygen, carbon dioxide, moisture and temperature, with time, over a two- to three-day period.

The progress of biodegradation will also be monitored by collecting representative soil samples on a yearly basis. Approximately two to four soil samples will be collected from the area of impacted soil. Each soil sample will be analyzed for concentration of TPH by EPA method 8015 modified. In addition, a composite sample from the same location will also be analyzed for general and selective microbial enumeration and soil/water physicochemistry.

From an analysis of these data, the overall efficiency of the bioventing system will be assessed and properly adjusted, if necessary. A summary report that documents results of the bioventing system, based on monitoring data collected from in situ respiration testing and analytical results of soil samples collected during the previous year, will then be developed and submitted to the RWQCB.

We look forward to your review and approval of this Design Summary Package. If you have any questions regarding the information submitted with this letter, please call me at (949) 476-3040.

Sincerely,

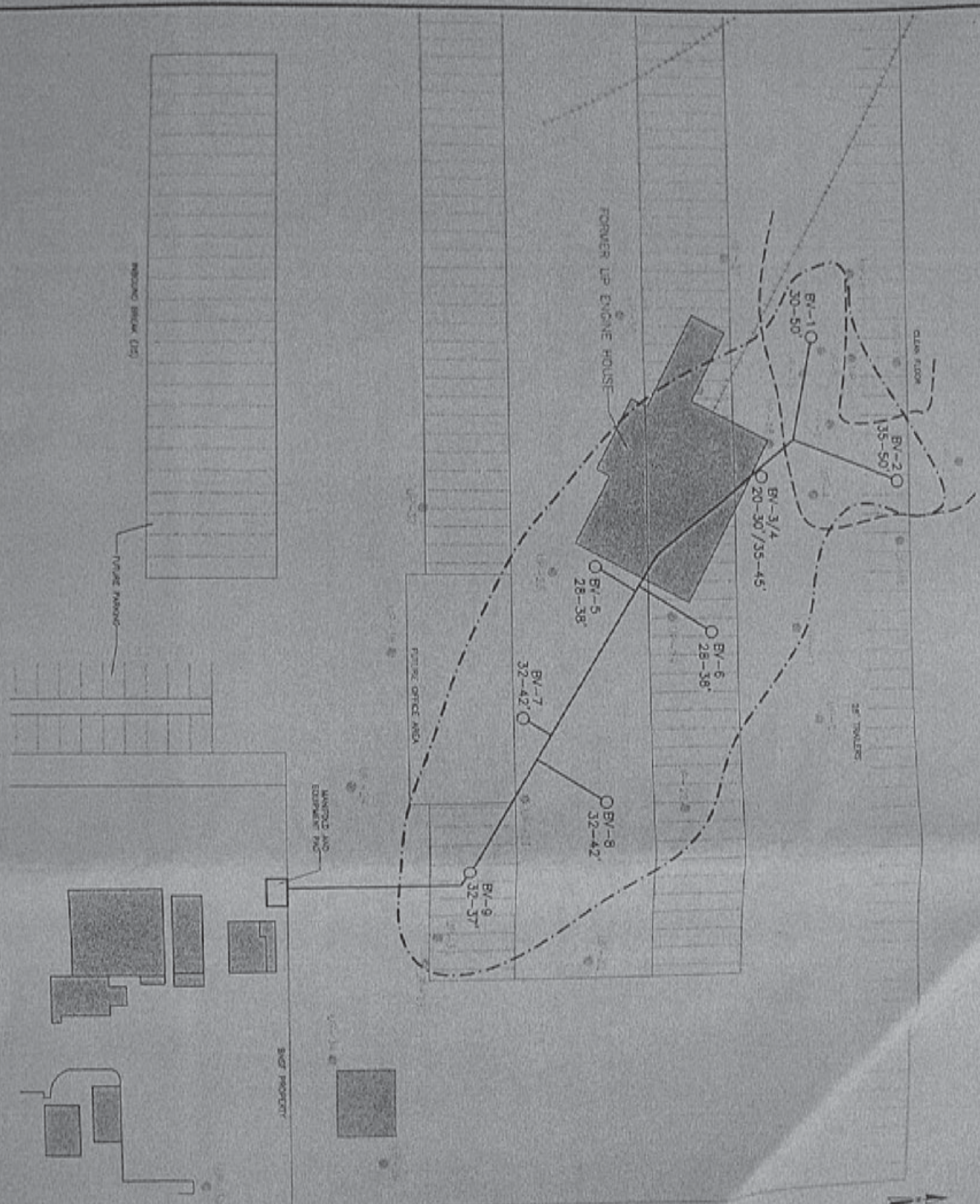


Stewart A. Emhof
Senior Project Manager

SAT/ASC/3543.00
enclosures

cc: Mick Hardin, BNSF
Arun Chemburkar, ERM

06/02/2009



06/02/2009

8" SHEET & LISTS FROM 27"x34" R 11 A REDUCED FROM SCALE REDUCED ACCORDINGLY

NO	DATE	BY	CHKD
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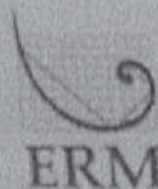


28 March 2002

VIA FACSIMILE and U.S. MAIL

3 Hutton Centre
Suite 600
South Coast Metro,
CA 92707
(714) 436-1476
(714) 436-2940 (fax)

Mr. Robert Holub
Mr. Najah Amin
California Regional Water Quality Control Board,
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501



Subject: Request for Permit Modification
Industrial Wastewater Discharge
Vapor Treatment System
BNSF San Bernardino Railyard

SANTA ANA REG	
REC'D	DATE
	MAR 29 2
RLH	4/15
AGS	4/19

Dear Messrs. Holub and Amin:

This references our recent telephone conversations regarding plans by The Burlington Northern and Santa Fe Railway Company (BNSF) to improve the efficiency of an existing vapor treatment system (VTS) at BNSF's former San Bernardino Railyard. BNSF installed the VTS in 1998 in partial fulfillment of Cleanup and Abatement Order Number 88-80, issued to BNSF by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) on 8 July 1988. The VTS is operated by TRC Alton Geosciences, Inc. (TRC) under contract to BNSF.

On behalf of BNSF, Environmental Resources Management (ERM) has requested from the San Bernardino Municipal Water Department (SBMWD), a modification to Industrial Wastewater Permit Number C-3-2136-VX for the existing VTS. The SBMWD issued permit C-3-2136-VX to cover discharges of water accumulated by the VTS under its present operating conditions. Currently, water that is intermittently accumulated (typically resulting from moisture extracted from the soils along with the vapors/gases) is sparged to remove volatile organic compounds (VOCs) prior to discharge. This activity is expected to continue similar to the past 3 years.

To meet the South Coast Air Quality Management District current permit conditions (primarily regarding hydrochloric acid [HCl] emissions), only a fraction of the total soil vapor extraction wells can be activated, thereby limiting the extraction of halogenated VOCs and production of HCl

06/02/2009

resulting from the thermal oxidation. To allow for a greater number of vapor extraction wells to be activated, BNSF plans to add a caustic scrubber (Heil Model #734-X, as shown on Figure 1, attached) to the VTS to treat the increased HCl that would be produced from the increased halogenated VOC levels. The installation of the scrubber (positioned as shown on Figure 2) will result in additional wastewater discharge requirements, not included in the current permit.

The scrubber will function with six (6) spray nozzles as shown on Figure 1. Five (5) of the spray nozzles are used in the quench section and the sixth is used in the main scrubber column. Of the five spray nozzles in the quench section, three (3) use recycled scrubber solution. The 3 nozzles using recycled scrubber solution will spray at a total flow rate of approximately 41 gallons per minute (gpm), each having a range of flow of approximately 10 to 15 gpm. The main scrubber column spray nozzle uses recycled scrubber solution at a flow of approximately 96 gpm. Therefore, the total flow of recycled scrubber solution would be approximately 137 gpm.

If the maximum anticipated concentration of HCl (400 parts per million volume [ppmv]) is treated by the scrubber, fresh water would be added to the upper two (2) spray nozzles in the quench section at a maximum rate of approximately 35 gpm to initially cool the hot gas stream and scrub HCl gases.

An electronic probe in the scrubber sump will continuously monitor the system for pH. A pH controller will use this data to add sodium hydroxide through a metering pump to control the pH in the scrubber solution in a range of 7 to 8 pH units. This will also result in the HCl in the gas stream reacting with the sodium hydroxide in the scrubber solution to form sodium chloride, which will remain dissolved in the scrubber solution.

At the maximum fresh-water quench rate of 35 gpm, the scrubber will need to purge/discharge approximately 26 to 27 gpm to the drain. This discharge rate is based on the fact that approximately 8 to 9 gpm of the fresh water introduced into the quench section will be evaporated. The evaporated water will be discharged from the scrubber stack as water vapor, along with the other scrubber gases (air and carbon dioxide). The remaining non-evaporated water will be mixed in the scrubber reservoir and will be recirculated in the quench and scrubber sections. However, since only 8 to 9 gpm of the water added is evaporated, a discharge of approximately 26 to 27 gpm would be required from the recycled scrubber solution.

06/02/2009

The quenching process in the scrubber results in a saturation temperature of approximately 154 degrees Fahrenheit. Therefore, the liquid waste discharge from the scrubber will be at this same temperature. In the design of the scrubber, a provision was made to allow addition of fresh water at the scrubber outlet (discharge) point to reduce the temperature to 140 degrees Fahrenheit to comply with the SBMWD industrial wastewater discharge limitations. The additional flow of water required would be approximately 2 gpm.

It is noted, however, that the scrubber outlet is inside the treatment building and the connection to the sanitary sewer is approximately 400 feet north of the building, within the intermodal yard area. The actual temperature of the waste stream at the sewer connection point, therefore, will be lower. Furthermore, due to the size of the current intermodal operations at this BNSF facility, and need for multiple service connections to the sewer from various on-site activities versus just one common connection, the individual connections do not receive the benefit of mixing with the other discharges. If the other waste discharges were considered as a combined flow, the warmer waste stream from the scrubber would be cooled sufficiently (e.g., the other waste streams exceed 2 gpm). ERM, therefore, anticipates that the other BNSF sewer discharge flows would be considered in attenuating the slightly elevated temperature from the scrubber discharge such that no additional water or pretreatment need be added for that purpose.

The scrubber, as designed by the manufacturer, utilizes a gravity over-flow to discharge to the drain. As such, measurement of discharge flow is not convenient or accurate. However, the discharge flow from the scrubber is easily determined. Each of the fresh water flow lines on the scrubber utilizes a rotameter to measure flow. By adding together the flow rate from each of these rotameters (3 rotameters total), the total fresh water flow into the scrubber can be determined. The discharge rate to the drain is then calculated by subtracting 8 gpm (for evaporation) from the total fresh water inlet rate.

Based on the maximum operating conditions described above, the total maximum discharge rate will be approximately 29 gpm or 42,000 gallons per day. Since the process for which the scrubber is used is operated 24 hours per day, 7 days per week, 365 days per year, this anticipated daily rate (and resulting yearly total) has been submitted to the SBMWD for permitting purposes. (The thermal oxidizers and well field systems have an average operational "up-time" ranging from 95 to 98 percent.)

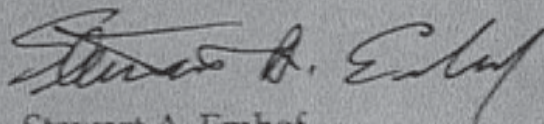
06/02/2009

Unlike manufacturing processes, however, operating conditions for these treatment systems do not remain constant. It is anticipated that even if the maximum operating conditions are required at startup, the amount of chlorinated compounds removed from the well field will decrease over time such that the HCl generated will decrease. This will allow the quench flow rates to be lowered such that the discharge rate is reduced to possibly one-half the maximum within the first year of operation (13 to 14 gpm). It is also likely that even at startup, the discharge rate may be significantly below the designed maximum of 29 gpm.

Based on prior sampling events conducted by TRC and the SBMWD, showing no signs of contamination being released to the city sewer system, it was previously agreed upon by the SBMWD that sampling of the wastewater discharge (for reporting purposes to the SBMWD) be done on an annual basis. For reporting purposes to the SBMWD, ERM has requested that sampling of sparged water, and sampling of the effluent from the scrubber, be continued on an annual basis, and that the discharge permit reflect this under the "Special Conditions" section.

The SBMWD has expressed concern regarding the application and volume of water that is anticipated to be used / discharged as a result of operating a scrubber with the current VTS. Therefore, to allow for the activation of a greater number of vapor extraction wells at this remediation site, ERM requests a letter from the RWQCB indicating mutual benefit and providing your concurrence with the intended addition of a scrubber, and your support for the SBMWD's consideration of our request for permit modification. Please contact me at (714) 430-1476 with any questions you may have regarding the information provided herein.

Sincerely,



Stewart A. Emhof
Program Director

SAE/2037.98

Enclosures: Figure 1, Figure 2

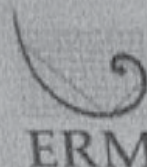
cc: Jack Hardin, BNSF
Andy Coti, SBMWD
Don Giraudi, TRC (without figures)

06/02/2009

17 April 2002

VIA FACSIMILE and U.S. MAIL

Mr. Robert Holub
Mr. Najah Amin
Mr. Maneck Chichgar
California Regional Water Quality Control Board,
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501



Subject: Request for Permit Modification - City of San Bernardino
Industrial Wastewater Discharge
Vapor Treatment System
BNSF San Bernardino Railyard

Dear Messrs. Holub, Amin, and Chichgar:

This references our recent telephone conversations and meeting in San Bernardino regarding The Burlington Northern and Santa Fe Railway Company (BNSF) plans to improve the efficiency of an existing vapor treatment system (VTS) at BNSF's former San Bernardino Railyard. BNSF installed the VTS in 1998 in partial fulfillment of Cleanup and Abatement Order Number 88-80, issued to BNSF by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) on 8 July 1988.

As described in our 28 March 2002 letter to the RWQCB, Environmental Resources Management (ERM) has requested from the San Bernardino Municipal Water Department (SBMWD), a modification to Industrial Wastewater Permit Number C-3-2136-VX for the existing VTS. The SBMWD originally issued the permit to cover intermittent discharges of water accumulated by the VTS under its present operating conditions. Currently, water that is accumulated (typically resulting from moisture extracted from the soil along with the vapors/gases) is sparged to remove volatile organic compounds (VOCs) prior to discharge. This activity is expected to continue similar to the past 3 years.

To meet current permit conditions established by the South Coast Air Quality Management District (primarily regarding hydrochloric acid [HCl] emissions), only a fraction of the total soil vapor extraction wells can be activated, thereby limiting the extraction of halogenated VOCs and greatly

06/02/2009

extending the life of the project. To allow for a greater number of vapor extraction wells to be activated, BNSF plans to add a caustic scrubber to the VTS to treat the increased HCl that would be produced from the increased concentrations and volume of halogenated VOCs. Operation of a scrubber will result in additional wastewater discharge requirements, not included in the current permit. We believe, however, that there would be mutual benefit from operating the VTS more efficiently with the addition of a scrubber, thereby shortening the project time.

If the maximum anticipated concentration of HCl (400 parts per million by volume [ppmv]) is treated, the scrubber will need to purge/discharge approximately 29 gpm to the drain. The amount of chlorinated compounds removed from the well field, however, will decrease over time such that the HCl generated will decrease. This will allow the quench flow rates to be lowered such that the discharge rate is reduced to anticipated one-half the maximum within the first year of operation.

The SBMWD has issued a letter, dated 10 April 2002 (see attached copy), denying our request for permit modification, stating that "The City of San Bernardino Ordinance No. 1010 13.32.211 (L) prohibits the discharge of any stormwater or groundwater to the City POTW." The current permit allows for the intermittent discharge of extracted water from the vadose zone soils. The additional discharge of process wastewater from the operation of a scrubber will not be associated with either stormwater or groundwater. The SBMWD, however, states that it also has a policy that prohibits discharges from "remediation projects," and that it identifies the scrubber discharge as such.

The SBMWD states in their letter that "The Director may approve, on a temporary basis, the discharge of such waters to the POTW when no reasonable alternative method of disposal is available," The SBMWD has stated in conversation that we must first be denied a permit for discharge to a stormwater drain by the RWQCB before further consideration is given on this matter. ERM has replied that an application for a National Pollutant Discharge Elimination System (NPDES) permit would not likely be considered based on specific parameters that would characterize wastewater discharged from the scrubber. Such anticipated parameters will include the following:

- Sodium - estimated concentration at approximately 500 milligrams per liter (mg/l);
- Chloride - estimated concentration at approximately 500 mg/l;
- Temperature - estimated at 140 to 150 degrees Fahrenheit.

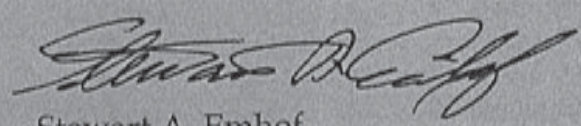
Storm water in the vicinity of the VTS flows along concrete gutters approximately 1,600 feet to the east of the VTS before entering a storm drain system. Construction of a subsurface storm drain over such distance, below existing VTS well-field piping and below an active intermodal facility, is not considered cost effective based on the anticipated short life of this project. Bulk storage and transport of the process wastewater to an interceptor pipeline is also not considered cost effective due to the daily volume of wastewater generated (greater than 40,000 gallons), the limited space for such bulk storage, and the resulting costs for continual trucking.

On behalf of BNSF, ERM respectfully requests a letter from the RWQCB that provides your opinions on:

- Discharging the scrubber purge stream under a NPDES permit to the storm drain;
- The mutual benefit that may be realized by operating the VTS more efficiently with the addition of a scrubber; and
- Discharging the scrubber process water to the POTW.

Please provide your written response at your earliest convenience. We hope to meet with the SBMWD in the near future to discuss these matters. We believe that it would be very helpful to all parties if you could be present at that meeting. Please contact me at (714) 430-1476 with any questions you may have regarding the information provided herein.

Sincerely,



Stewart A. Emhof
Program Director

SAE/kl/2037.98

Attachment: as noted

cc: Mr. Mick Hardin, BNSF (via facsimile only)
Mr. Andy Coady, SBMWD

06/02/2009

B. WARREN COCKE
President

Commissioners
JUDITH W. BATTEY
TONI CALLICOTT
MARTIN A. MATICH
NORINE I. MILLER

April 10, 2002



BERNARD C. KERSEY
General Manager
STACEY R. ALDSTADT
Deputy General Manager
W. WILLIAM BRYDEN, P.E.
Director, Water Utility
JOHN A. PERRY, P.E.
Director, Water Reclamation
JOHN P. MURPHY
Director, Administration
and Finance
JON K. TURNIPSEED
Safety Program Manager

Stewart A. Emhof
Environmental Resources Management
3 Hutton Centre, Suite 600
South Coast Metro, CA 92707

RE: INDUSTRIAL WASTE DISCHARGE REQUEST

The City of San Bernardino Water Department, Environmental Control (EC) Section has reviewed your letter, submitted on behalf of BNSF Railway Company, requesting a modification to the current Industrial User Permit (#C-3-2136-VX) issued to BNSF on March 31, 2001. Your letter specifically requests a permit revision which would allow the discharge of approximately 40,000 gpd from the scrubber which was recently added to the existing vapor extraction project.

The current Industrial User permit was issued to BNSF for the intermittent discharge of accumulated condensation and occasional groundwater generated from seasonal rainfall. The current permit was not issued for, nor was it intended for, the daily discharge of 40,000 gpd discharged from a comprehensive remediation project.

The City of San Bernardino Ordinance No. 1010 13.32.211 (L) prohibits the discharge of any stormwater or groundwater to the City POTW. An inspection of the BNSF facility determined the proposed discharge from the scrubber, meets the criteria specified in the Ordinance. Based on current regulations and the City's policy to prohibit discharges from remediation projects, your permit modification request to discharge the scrubber water, to the City POTW, is hereby denied. The Director may approve, on a temporary basis, the discharge of such waters to the POTW when no reasonable alternative method of disposal is available, subject to the payment of all applicable user charges and fees by the discharger. This approval would be dependent on the submittal of proper documentation which indicates all reasonable alternative methods of disposal have been attempted and denied.

If you have any questions regarding this decision or require additional information, please contact Daryl Hartwill or myself at (909) 384-5383.

Sincerely,

AS
Andy Cuddy
Environmental Control Officer

Cc: Stacey R. Aldstadt, SBMWD Deputy General Manager
John A. Perry, P.E., Director of Water Reclamation
Phil Housel, Regulatory Compliance and Monitoring Coordinator
Daryl Hartwill, Environmental Control Technician

AC:ac
300 North "D" Street, San Bernardino, California 92418 P.O. Box 710, 92402 Phone: (909) 384-5141
FAX/TELEPHONE NUMBERS: Administration: (909) 384-5215 Engineering: (909) 384-5532 Customer Service: (909) 384-7211
Corporate Yards: (909) 384-5260 Water Reclamation Plant: (909) 384-5258

California Regional Water Quality Control Board
Santa Ana Region

Regional Address: Regional Office, 2133 Main Street, Suite 700, Riverside, California 92503-1318
Phone (951) 752-4131 - FAX (951) 751-6282

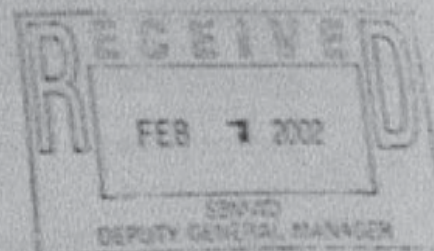
Valerie Hessel
John Leroy
Bernie Leroy



The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.cwrqcb.org/energy.

February 7, 2002

Stacey R. Aldstadt
Deputy General Manager
City of San Bernardino Municipal Water Department
P.O. Box 710
San Bernardino, CA 92418



RE: APPROVAL OF ACCEPTABLE OFFSETS, ORDER NO. 01-45, NPDES NO. CA8000304

Dear Ms. Aldstadt:

This is in response to your letter of December 5, 2001 regarding Total Dissolved Solids (TDS) discharges from the Rapid Infiltration and Extraction Facility (RIX) and the provisions of Order No. 01-45 that apply thereto. (We note for the record that your letter was misdated on the first page as December 5, 2000 and includes on pages 2 and 3 a header indicating that it is a December 6, 2001 draft.) Your letter was on behalf of the Colton/San Bernardino Regional Tertiary Treatment and Water Reclamation Authority, which is responsible for the operation of the RIX facility and is the discharger named in Order No. 01-45.

Your letter refers to the TDS and individual mineral constituent limitations contained in Discharge Specification (D.S.) A.1.b. (1), and the TDS limitation contained in D.S. A.1.b. (2). D.S. A.1.b. (1) includes a table of numeric limitations for TDS and certain individual mineral constituents and specifies that these limits shall apply to the discharge, unless the discharger makes certain demonstrations. These are: (1) that the discharger has taken all reasonable steps to improve the quality of the waters influent to the treatment facility (D.S. A.1.b. (1) (a) i.); (2) that chemical additions at the treatment facility have been optimized (D.S. A.1.b. (1) (a) ii.); and, (3) that the discharger implements a plan acceptable to the Executive Officer to offset discharges in excess of the values listed in the table (D.S. A.1.b. (1) (b)). Participation in the watershed-wide TIN/TDS study, including any resultant Basin Plan amendments and revisions to waste discharge requirements (which would include Order No. 01-45), is explicitly identified in this discharge specification as an acceptable offset. D.S. A.1.b. (2) specifies that the TDS quality of the effluent shall not exceed the quality of the water supply by more than 250 mg/l, unless the discharger demonstrates that TDS discharges in excess of this increment are due solely to chemical additions in the treatment process that are necessary to meet waste discharge requirements, and that these additions have been optimized to minimize the TDS increases (D.S. A.1.b. (2) (a)). In addition, the discharger is required to implement a plan acceptable to the Executive Officer to offset TDS discharges in excess of the 250 mg/l increment (D.S. A.1.b. (2) (b)). Again, participation in the TIN/TDS study, including the Basin Plan amendment and waste discharge requirement process, is explicitly identified as an acceptable offset.

06/02/2009

February 7, 2002

In your December 2001 letter, you presented arguments that the Authority has made the demonstrations that all reasonable steps have been taken to improve the influent water quality and that chemical additions at the treatment facility have been optimized. We agree with your assessment, with certain reservations, as described below. (We note that the policy regarding concentrated side-streams, which you referenced in your letter and cited as an attachment thereto, was not included with your December 5, 2001 submittal. We ask that you correct this oversight for the sake of the record.)

You also requested that I expressly find that the Authority's participation in the TIN/TDS study constitutes an acceptable offset. Although it is not necessary to do so, given the explicit language in D.S. A. 1.b. (1) (b) and (2) (b), I hereby find that your participation is an acceptable offset. It is noteworthy that this offset applies not only to TDS limitations but also to the numeric limits for the individual mineral constituents listed in the table in D.S. A. 1.b. (1). We note that this fact obviates the need for any immediate consideration of the arguments made in the Authority's petitions for review and stay to the State Board regarding the individual mineral constituent limits specified in Order No. 01-45.

You also requested that I approve the net salt removal resulting from the higher extraction rates than wastewater infiltration rates at RIX as an acceptable offset. While we are concerned that the Authority's calculations of net salt removal may not accurately reflect the re-infiltration of wastewater after discharge to the Santa Ana River, we believe that there is still a net removal of salt from the Colton groundwater subbasin and that this constitutes an acceptable offset.

Finally, you asserted that the studies conducted by Wildermuth and referenced in the prior waste discharge requirements for RIX (Order No. 93-45) provide evidence of an acceptable offset. You indicated that these studies demonstrated that a TDS concentration of 510 mg/l would not adversely affect the Colton subbasin or downstream waters. You requested the implementation of a 510 mg/l TDS requirement, as provided in the prior Order.

Given the findings expressed above that your participation in the TIN/TDS study and the net removal of salt resulting from high extraction rates at RIX constitute acceptable offsets, there is no need to consider or justify another offset. There is no reason to suppose that these approved offsets would not serve the Authority's offset needs until such time that the recommendations of the TIN/TDS study are reflected in Basin Plan amendments and subsequent revisions to the Authority's waste discharge requirements are adopted.

As you are aware, the TIN/TDS study may lead to one or more Basin Plan amendments to incorporate revised groundwater subbasin boundaries and groundwater quality objectives for TDS, and to remove the water quality objectives for the individual mineral constituents. These changes are expected to result in less stringent TDS requirements for the RIX facility. The Authority should not have difficulty in assuring compliance with TDS limitations in conformance with these revised objectives, so there should be no further need to demonstrate an offset. In addition, the study may also result in the deletion from the Basin Plan of the objectives for the individual mineral constituents, thereby eliminating the need to specify limitations for these constituents and obviating the Authority's compliance concerns.

06/02/2009

February 7, 2002

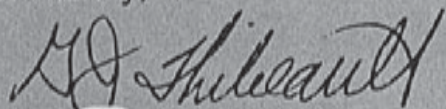
As you may know, we expect to begin the Basin Plan amendment process in the spring or early summer of 2002 and hope to complete the process by the end of the year. We expect to proceed with revisions to waste discharge requirements in a timely manner thereafter. As we have previously discussed with you, until the revised subbasin boundaries and TDS objectives are formalized in the Basin Plan, we must implement the current Basin Plan, as required by the Water Code. The TDS limits in Order No. 01-45 properly implement the Basin Plan. In any case, I am not authorized to approve an alternative TDS numeric limit of 510 mg/l, as you have requested. Under the Water Code, only the Regional Board is authorized to establish numeric limitations.

Since you have made the demonstrations required by D.S. A. 1. b. (1) (a) (i) and (ii), and since the Authority is implementing acceptable offset programs, the numeric limitations specified in the table in this discharge specification do not apply to discharges from the facility. This finding has two caveats. First, the numeric TDS limit of 400 mg/l in the table pertains to the discharge insofar as the offset programs must address TDS discharges in excess of that value (per the requirement of D.S. A. 1. b. (1)(b)). Second, we reserve the right to make an independent judgement of the Authority's actions to optimize chemical additions in specific situations. Where case-specific evidence demonstrates that the Authority has not taken reasonable steps to optimize these additions, the limitations in the table shall be deemed to apply to RIX discharges.

We are not aware of any problems experienced by the Authority with the requirements of D.S.A. 1. b. (2), i.e., the maximum 250 mg/l TDS mineral increment. Your letter indicates that chemical additions in the treatment processes have been optimized and do not add appreciable TDS. Again, while we believe that this assessment is valid, we reserve the right to make case-specific determinations based on the evidence. We acknowledge again that the Authority has satisfied the offset requirements.

If you have any questions concerning this letter, please contact me at (909) 782-3284, or Joanne Schneider or Gary Stewart of my staff at (909) 782-3287 and (909) 782-4379, respectively.

Sincerely,



Gerard J. Thibeault
Executive Officer

cc: Rex Myers, City of Colton
Jorge Leon, SWRCB, OCC
Elizabeth Jennings, SWRCB, OCC

06/02/2009

Manifest

TPST Soil Recyclers of CA

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: 7/21/2009	Responsible for Payment: KM Industrial, Inc.	Transporter Truck #: ST10004 / RL10002	Facility #:	Given by TPST: 33699	Load #: 001
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Generator's Name and Billing Address: Riverside County Transportation Commission P.O. Box 12008 Riverside CA 92502	Generator's Phone #: Person to Contact: FAX#:	Generator's US EPA ID No. Customer Account Number with TPST:
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Consultant's Name and Billing Address: KM Industrial, Inc. 1411 W. Gaylord Street Long Beach Ca. 90813	Consultant's Phone #: 562-983-5191 Person to Contact: FAX#:	Customer Account Number with TPST:
---	--	------------------------------------

Generation Site (Transport from): (name & address) 3710 Temescal Canyon Road Corona, Ca.	Site Phone #: Person to Contact: FAX#:	BTEX Levels TPH Levels AVG. Levels
--	--	--

Designated Facility (Transport to): (name & address) TPST Soil Recyclers of California 12328 Hibiscus Ave. Adelanto Ca. 92301	Facility Phone #: 800-862-8001 Person to Contact: Dellena Jeffrey FAX#: 760-246-8004	Facility Permit Numbers:
--	---	--------------------------

Transporter Name and Mailing Address: KM Industrial, Inc. 1411 W. Gaylord Street Long Beach Ca. 90813	Transporter's Phone #: 562-983-5191 Person to Contact: FAX#:	Transporter's US EPA ID No. CAL000274783 Transporter's DOT No. Customer Account Number with TPST:
--	---	--

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above: _____ Scale Ticket# _____

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: _____	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date: _____	Month: 07 Day: 21 Year: 09
---------------------------	--	---------------------------	----------------------------

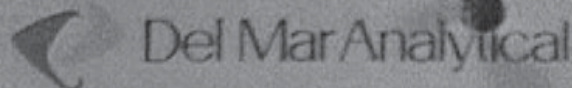
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Alfredo Carmona	Signature and date: _____	Month: 07 Day: 21 Year: 09
-------------------------------------	---------------------------	----------------------------

Discrepancies:	
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name: _____	Signature and date: _____
	09

Please print or type.

TPST FACILITY COPY



BURLINGTON, NORTHERN & INC.

10101 S. Harbor Blvd., Suite 200, CA 92643
10101 S. Harbor Blvd., Suite 200, CA 92643
10101 S. Harbor Blvd., Suite 200, CA 92643
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10101 S. Harbor Blvd., Suite 200, CA 92643
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10101 S. Harbor Blvd., Suite 200, CA 92643

LABORATORY REPORT

Prepared For: ERM-West-Irvine
3 Hutton Centre, Suite 600
Santa Ana, CA 92707

Attention: Stewart Emhof
Project: BNSF-San Bernardino
3543.26

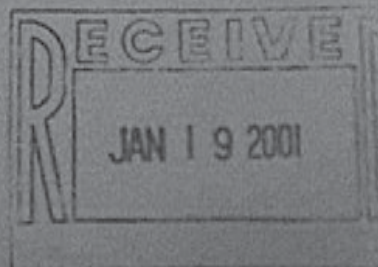
Sampled: 12/26/00
Received: 12/26/00
Reported: 01/08/01

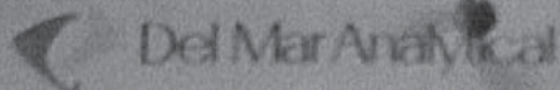
*This laboratory report is confidential and is intended for the sole use of
Del Mar Analytical and its client. This entire report was reviewed and approved for release.*

CA ELAP Certificate #1197
AZ DHS License #AZ0428

06/02/2009

Del Mar Analytical, Irvine
Data
Manager





Del Mar Analytical, Inc. 22501 Calle Arroyo, Suite 100, San Juan Capistrano, CA 92675
Tel: 949.440.1100 Fax: 949.440.1101
Email: info@delmaranalytical.com Website: www.delmaranalytical.com
Del Mar Analytical, Inc. 22501 Calle Arroyo, Suite 100, San Juan Capistrano, CA 92675
Tel: 949.440.1100 Fax: 949.440.1101
Email: info@delmaranalytical.com Website: www.delmaranalytical.com

ERM-West Analyst
J. Matthew Cantor, Suite 400
Santa Ana, CA 92707
Attention: Stewart Smith

Client Project ID: 00000000000000000000
1541.10
Report Number: 1541.10

Sampled: 12/26/00
Received: 12/26/00

CASE NARRATIVE

LABORATORY NUMBER	SAMPLE DESCRIPTION	SAMPLE MATRIX	ANALYSES
1541.10-01	ND-49	Soil	6010B-STLC STLC-Met
1541.10-02	ND-50	Soil	6010B-STLC STLC-Met

SAMPLE RECEIPT: Samples were received intact, at 22°C and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria.

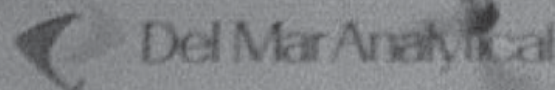
OBSERVATIONS: STLC Lead analysis was requested on 1/3/01.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

DEL MAR ANALYTICAL, IRVINE (CA ELAP #1197)

Del Mar Analytical, Irvine
J. Mata
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



Del Mar Analytical, Inc. is a full-service analytical laboratory located in San Diego, California. We are ISO 9001:2000 certified and have been in business since 1984. Our services include environmental testing, forensic testing, and product testing. We are located at 1000 Camino del Rio South, Suite 100, San Diego, CA 92108. Our phone number is 619-444-1111. Our fax number is 619-444-1112. Our website is www.delmaranalytical.com.

ERM-West-Irvine
3 Hutton Center, Suite 600
Santa Ana, CA 92707
Attention: Stewart Fisher

Client Project ID: BNC2 - San Bernardino
3547-26
Report Number: IKA0040

Sampled: 12/26/00
Received: 12/26/00

STLC METALS

Analysis	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKA0040-01 (ND-49 - Soil)								
Lead	6010B-STLC	11A0702	0.10	140	1	1/7/01	1/7/01	
Sample ID: IKA0040-02 (ND-54 - Soil)								
Lead	6010B-STLC	11A0702	0.10	97	1	1/7/01	1/7/01	

06/02/2009

Del Mar Analytical, Irvine
Mata
Project Manager

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IKA0040 <Page 1 of 6>



TRM-West Irvine
J. Hutton Centre, Santa Ana
Santa Ana, CA 92707
Attention: Stewart Einfeld

Client Project ID: BNP2-Juan Hernandez
1541.26
Report Number: 1K A0040

Sampled: 12/26/00
Received: 12/26/00

WASTE EXTRACTION TEST (STLC) - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: 1K A0040-01 (ND-49 - Soil)					
Extraction	STLC-Met	11A0360	1/3/01	1/3/01	
Sample ID: 1K A0040-02 (ND-54 - Soil)					
Extraction	STLC-Met	11A0360	1/3/01	1/3/01	

ERM-West-Irvine
 3 Hutton Centre, Suite 600
 Santa Ana, CA 92707
 Attention: Stewart Embol

Client Project ID: BNSF-San Bernardino
 3543.26
 Report Number: IKA0040

Sampled: 12/26/00
 Received: 12/26/00

METHOD BLANK/QC DATA

STLC METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Data Qualifiers
<u>Batch: IIA0702 Extracted: 01/07/01</u>									
Blank Analyzed: 01/07/01 (IIA0702-BLK1)									
Lead	ND	0.10	mg/l						
LCS Analyzed: 01/07/01 (IIA0702-BS1)									
Lead	20.8	0.10	mg/l	20.0		104 80-120			
Matrix Spike Analyzed: 01/07/01 (IIA0702-MS1)									
Lead	161	0.10	mg/l	20.0	140	105 75-125			
Matrix Spike Dup Analyzed: 01/07/01 (IIA0702-MSD1)									
Lead	162	0.10	mg/l	20.0	140	110 75-125	0.619	20	

Del Mar Analytical, Irvine
 Patty Mata
 Project Manager

The results pertain only to the samples tested in the laboratory. They are not to be used for any other purpose except in full, without written permission from Del Mar Analytical.

06/02/2009

IKA0040 <Page 5 of 5>

4 April 2001

Mr. Robert Holub
Mr. Maneck Chichgar
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501

Subject: Approval for Backfilling Excavations
BNSF Facility
1500 West Rialto Avenue
San Bernardino, CA

BNSF

Environmental
Resources
Management
3 Hutton Centre
Suite 100
South Coast Metro
CA 92707
(714) 436-1476
(714) 436-2640 (fax)



Dear Messrs. Holub and Chichgar:

This references soil excavation activities that were conducted in two areas at a former facility of The Burlington Northern & Santa Fe Railway Company (BNSF) at 1500 West Rialto Avenue in San Bernardino, California (refer to the attached Figure 1). Excavation activities were conducted between 20 November 2000 and 10 January 2001 to remove soils impacted by total petroleum hydrocarbons (TPH) and lead. The impacted soils were encountered during redevelopment activities being conducted by the current property owner, Yellow Freight System, Inc.

The excavation activities were conducted by BNSF's contractor, Environmental Project Services, Inc. Environmental Resources Management (ERM) provided oversight during the excavation activities and collected confirmation samples. The activities were conducted in general accordance with the approved cleanup guidelines presented in ERM's 20 January 2000 memorandum to the California Regional Water Quality Control Board - Santa Ana Region (RWQCB).

Analytical results of confirmation soil samples collected from the two excavation areas were communicated to the RWQCB by ERM as the excavation activities progressed. Following a review of analytical results on 7 December 2000, verbal approval was provided by Mr. Maneck Chichgar of the RWQCB, to backfill the southern portion of the South Excavation Area (Figure 1). After further excavation and review of analytical results of confirmation samples, Mr. Chichgar provided verbal

06/02/2009

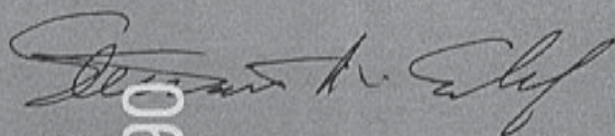
approval on 21 December 2000 for backfilling the remainder of the South Excavation Area and approximately the western half of the North Excavation Area.

Soils in the eastern half of the North Excavation Area were primarily impacted by lead. These soils were excavated between 11 December 2000 and 10 January 2001. Concentrations of total lead in several confirmation soil samples from this area persisted at levels greater than the target cleanup guideline of 350 milligrams per kilogram (mg/kg), ranging from less than 5 mg/kg to 2,200 mg/kg. The RWQCB, therefore, requested that final confirmation samples be evaluated for soluble lead by the waste extraction test (WET) and compared to the soluble threshold limit concentration (STLC) for lead using California Code of Regulations (CCR) Title 22 methods.

Results indicated soluble lead concentrations ranging from less than 0.1 milligram per liter (mg/l) to 140 mg/l, with an average of approximately 30 mg/l. Based on these results, the type of soils, and the depth to groundwater (approximately 75 feet below ground surface), Mr. Chichgar provided verbal approval on 15 January 2001 for backfilling the remainder of the North Excavation Area.

On behalf of BNSF, we appreciate the RWQCB's expedited review of analytical results and approval to backfill the excavation areas referenced herein. Details of the excavation and backfill activities will be included in a comprehensive report to document shallow soil remediation work associated with this portion of BNSF's San Bernardino facility. If you have any questions regarding this matter, please contact me at (714) 430-1476.

Sincerely,

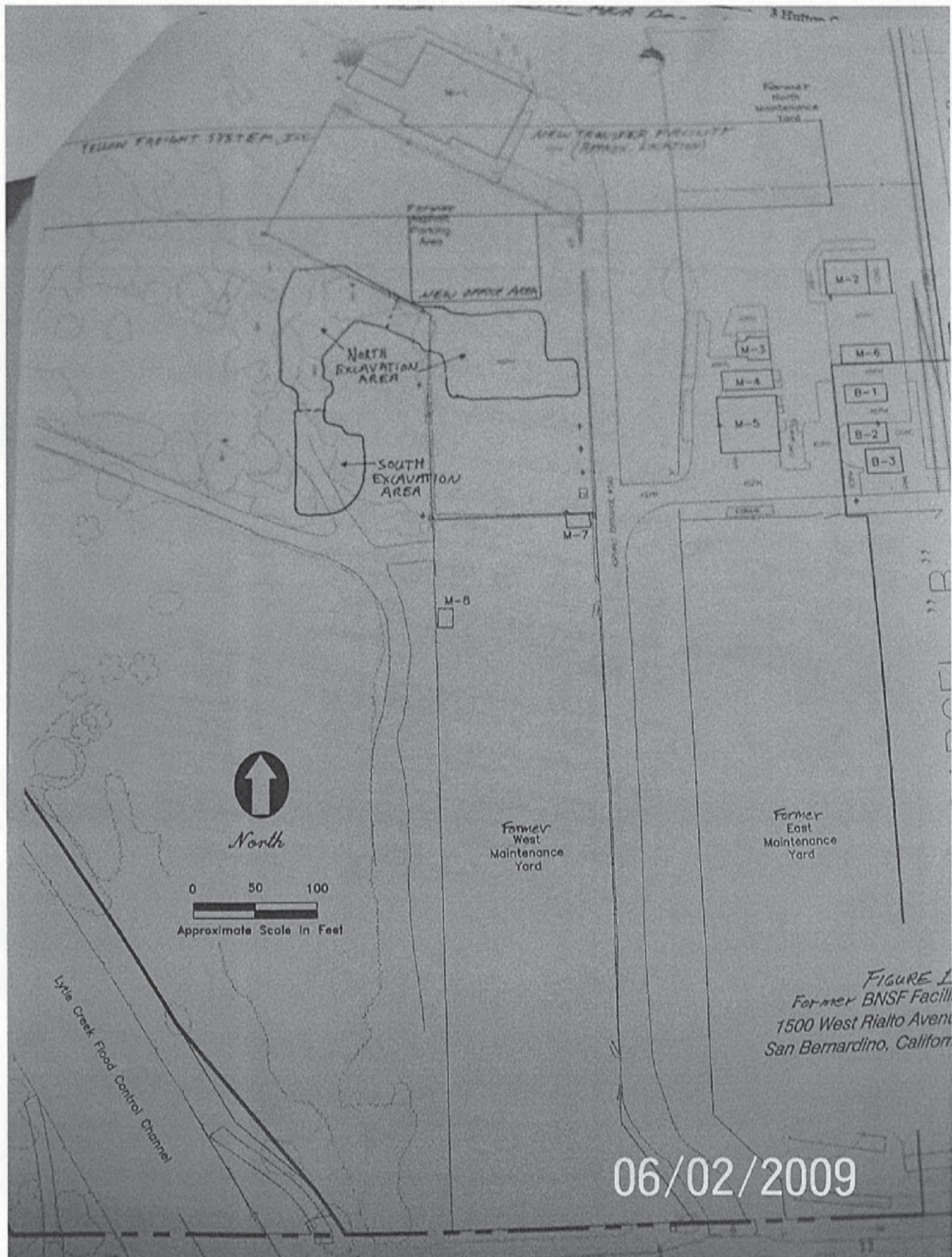


Stewart A. Emhof
Program Director

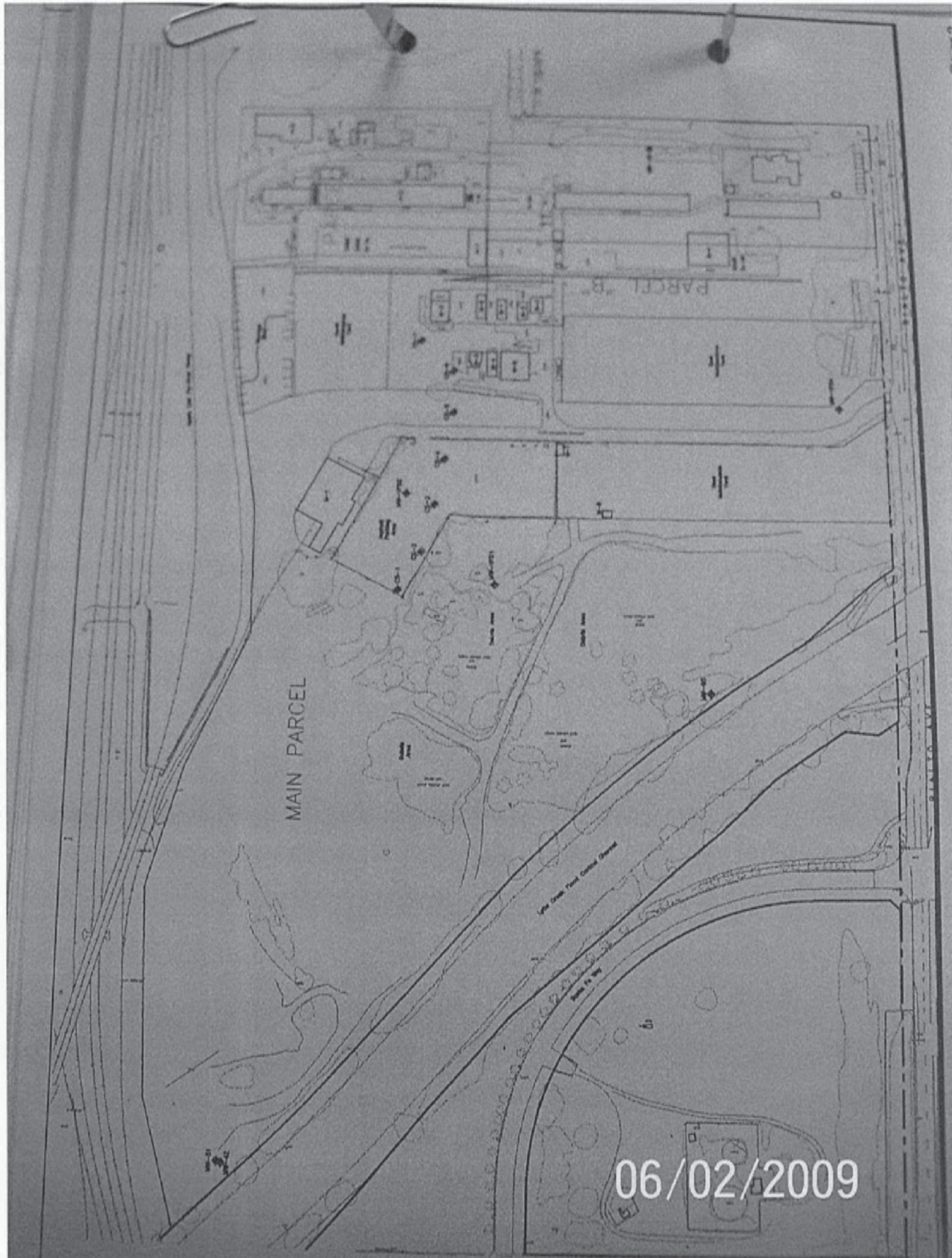
sae/3543.26

cc: Mick Hardin, BNSF
Glen Christensen, Burns & McDonnell

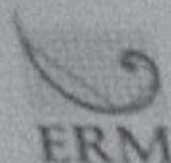
Attachment



06/02/2009



Mr. William Hohub
California Regional Water Quality Control Board
Santa Ana Region
1717 Main Street, Suite 500
Riverside, CA 92501



Subject: Approval for Backfill
Excavation at BNSF Railroad
1500 West Rialto Avenue
San Bernardino, CA

Dear Mr. Hohub:

Pursuant to our 3 November 1999 memorandum to the Regional Water Quality Control Board - Santa Ana Region (RWQCB), The Burlington Northern & Santa Fe Railway Company (BNSF) has proceeded with excavation activities at BNSF's 1500 West Rialto Avenue facility in San Bernardino, California.

Chemical results of confirmation soil samples collected on 10 and 12 November 1999 were communicated to the RWQCB by ERM on 15 November 1999. Following a review of those results by the RWQCB, verbal approval was provided by Mr. Maneck Chichgar, of the RWQCB, to backfill the excavation. BNSF has commenced backfilling and compaction activities. Upon completion of those activities, ERM will provide a summary report that documents the soil excavation work.

If you have any questions regarding this matter, please contact me at (949) 476-3040.

Sincerely,

A handwritten signature in cursive script, reading "Stewart A. Emhof".

Stewart A. Emhof
Senior Project Manager

sae/3543.21

cc: Maneck Chichgar, RWQCB
Mick Hardin, BNSF

06/02/2009

Facsimile

Environmental
Resources
Management

To: Mr. Bob Holub
Mr. Marek Chichar

Company: RWQCB - Santa Ana Region

Fax number: (909) 781-6288

cc: Mr. Mick Hardin, BNSF (909) 386-4087

From: Stewart Embhof

File number: 3543.21

Date: 3 November 1999

Number of pages: 03

1920 Main Street
Suite 600
Irvine, CA 92614
(949) 476-3040
(949) 476-3053 (fax)



Pursuant to a 15 October 1999 conversation between Mr. Bob Holub, and myself this provides notification of the commencement of excavation activities at The Burlington Northern and Santa Fe Railway Company (BNSF) facility in San Bernardino, California. Excavation activities commenced on 2 November 1999 to remove impacted soil detected during a October 1998 subsurface investigation, at a location where three former gasoline underground storage tanks (USTs) were removed, under the guidance of the County of San Bernardino Department of Health Services, on 7 September 1988.

A recent subsurface investigation was conducted at the site of the former USTs by Burns & McDonnell Waste Consultants (B&M), on behalf of Yellow Freight System, as part of a Phase II Environmental Assessment for a possible sale of the property to Yellow Freight System. Results of that investigation are documented in B&M's December 1998 report *Phase II Environmental Assessment of the Burlington Northern Santa Fe Railroad Property Located at 1500 West Rialto Avenue, San Bernardino, California*. ERM provided a copy of that report to the California Regional Water Quality Control Board - Santa Ana Region (RWQCB) during a meeting with the RWQCB on 10 December 1998.

Soil sample collected from 20 feet below ground surface (bgs) during drilling activities for monitoring well MW-YFS3 (refer to the map that follows) showed that soil at that depth is impacted by total petroleum hydrocarbons (TPH), toluene (22.3 milligrams per kilogram [mg/kg]) and total xylenes (372 mg/kg).

BNSF will remove and stockpile the clean overburden followed by removal of the impacted soil for proper disposal at an off-site facility. As discussed during our 15 October 1999 telephone conversation, for protection of ground

06/02/2009

water (approximately 70 feet high). Impacted soils will be mitigated to levels of TPH, toluene, and total xylenes in accordance with guidelines developed by the California Regional Water Quality Control Board - Region 4, for petroleum-impacted sites (soils above ground water at this location are estimated to consist of approximately 70 percent sand and 30 percent silt). Based on these guidelines, impacted soils will be removed until chemical analysis of confirmation soil samples indicate the following maximum concentrations of the constituents described earlier:

- TPH (gasoline carbon range) 500 mg/kg
- TPH (diesel carbon range) 1,000 mg/kg
- TPH (heavy carbon range) 10,000 mg/kg
- Toluene 1.5 mg/kg
- Total Xylenes 14.4 mg/kg

Prior to backfilling the excavation ERM will communicate with the RWQCB regarding results of confirmation soil samples. Results of the soil removal activities will be documented in a letter report following completion of backfilling activities. If you have any questions, or would like to observe activities associated with this remediation effort, please call me at (949) 476-3040.

PRIVILEGE AND CONFIDENTIALITY NOTICE

This message is intended only for the use of the individual(s) to whom it is addressed and may contain information that is privileged and/or confidential. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately at (949) 476-3040 and return the original message to us at the address above via the U. S. Postal Service. Thank you.

06/02/2009

17: CAD\DWG\0651\0651.dwg 10/1/99 10:11 AM

LEGEND

- ◆ Bridge-June Map
- Project-Site Map

Scale: 0 200 500
Feet

North Arrow

NOTE: All subject structures shown north of
Central River from those shown.

06/02/2009

Burroughs Mountain Survey
San Bernardino, CA





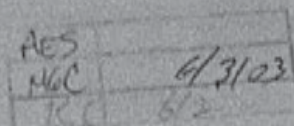
San Bernardino Valley Municipal Water District

1350 SOUTH "E" STREET - P. O. BOX 5906 - SAN BERNARDINO, CALIFORNIA 92412-5906 - (909) 387-9200

FAX (909) 387-9247

2003 MAY 30 PM 3:51

May 21, 2003



BNSF

Maneck Chichgar
State of California
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, CA 92507

RE: Water Quality Data Request to Support the "Characterization of Groundwater Contamination in the Area of Historic High Groundwater within the San Bernardino Basin Area"

Dear Maneck:

This letter is a follow-up to previous conversations I have had with you, or members of your agency, regarding the San Bernardino Valley Municipal Water District's (SBVMWD) project to develop a water quality database for the area of historic high groundwater in San Bernardino (see red area on attached map). This database will ultimately be used by a water quality model that will allow SBVMWD to determine the water quality effects of various groundwater management strategies.

SBVMWD is currently in the process of gathering as much current and historical data as possible for the three shaded areas on the attached map. Specifically, the data SBVMWD would like to obtain includes: Well names, numbers and locations; boring (lithology) and construction (completion) logs; depth-to-water readings; and water quality readings. To reduce the level of effort required to create the database, SBVMWD would appreciate receiving the data in a digital format (databases, spreadsheets, and scanned documents), if possible. However, if the data is not available in a digital format, SBVMWD will gladly accept the data in any format.

SBVMWD understands that this request may be labor intensive. To minimize the burden to your agency, SBVMWD is available to provide assistance. Please call me directly at 909.387.9275 if we can be of assistance.

Once populated, the database will provide a regional view of this area of the basin and will be available for your use.

Thank you for your cooperation,

Raymond Brown
GIS Coordinator

Enclosures: 2

\\Gisw\GISProjects\1523CharacterizationOfGroundwaterContamination\DataProviders\DataRequestLetter.doc

Directors and Officers

06/02/2009

EDWARD B. KILLGORE
Division I

GEORGE A. AGUILAR
Division II

PAT MILLIGAN
Division III

MARK BULOT
Division IV

STEVE COPELAN
Division V

ROBERT L. KIRK
General Manager
and Chief Executive Officer



San Bernardino Valley Municipal Water District

1130 SOUTH "E" STREET - P.O. BOX 9906 - SAN BERNARDINO, CALIFORNIA 92412-5906 - (909) 387-9200
FAX (909) 387-9247

Characterization of Groundwater Contamination in the Area of Historic High Groundwater within the San Bernardino Basin Area

The San Bernardino Valley Municipal Water District (SBVMWD) has been awarded a grant (X-97921401-0) from the United States Environmental Protection Agency (USEPA) that will allow the District to characterize water quality in the District's main water source, the San Bernardino Basin Area. This characterization will help the SBVMWD achieve its long-term goal of mitigating groundwater contamination and liquefaction in the area generally referred to as the area of historic high groundwater (AHHG).

The San Jacinto Fault is the southwest edge of AHHG serving as a barrier to the approaching groundwater. Groundwater trapped "upstream" of this underground dam creates a pool which causes the groundwater level to rise which delineates the AHHG. In the past, water levels in the AHHG have risen high enough to cause artesian conditions (groundwater levels above land surface). Shallow groundwater levels frequently cause basements to flood, adversely affect the load-bearing capacity of streets, disrupt underground utilities, and may cause liquefaction during an earthquake.

The AHHG is also plagued by groundwater contamination plumes. Contaminants have mainly been found within the shallow, unconfined member (UCM), the upper water bearing member (UWB), and the middle water bearing member (MWB). Due to the presence of groundwater contamination and a high salt content, local water agencies deliberately avoid extracting groundwater from the UCM and portions of the UWB and MWB.

SBVMWD, in conjunction with the local, retail water agencies, is investigating the removal and clean up of the contaminated water in the UCM and portions of the UWB and MWB so that the water may be put to beneficial use while also alleviating the liquefaction hazard. SBVMWD plans to study the extent and character of the water quality problems in the UCM, UWB and MWB of the AHHG. Ultimately, the data collected by this project could be included in a computer, water quality model. The water quality model would be based upon existing flow models developed for the study area and would allow proposed dewatering/cleanup projects to be analyzed with respect to their effect on the surrounding groundwater basin.

SBVMWD has retained Geomatrix Consultants, Inc. (Corona, CA) to perform the Water Quality Database (database) design, USEPA Quality Assurance Plan, data collection, database population, data analysis, final report, and project map. A model will not be created as a part of this grant. The database will be spatial in nature following the Microsoft Access file format. SBVMWD will be contacting all appropriate agencies and companies to ask for cooperation in the provision of current, historical, and future data that may be used to populate the database. Further questions may be addressed to Bob Tincher at 909.387.9215 or bobt@sbvmwd.com or Raymond Brown at 909.387.9275 or raymondb@sbvmwd.com.

SBVMWD appreciates your support.

\\GISw\GISProjects\1523CharacterizationOfGroundwaterContamination\DataProviders\ProjectBackgroundForDataRequest.doc

06/02/2009

Directors and Officers

D.B. KILLGORE
Division I

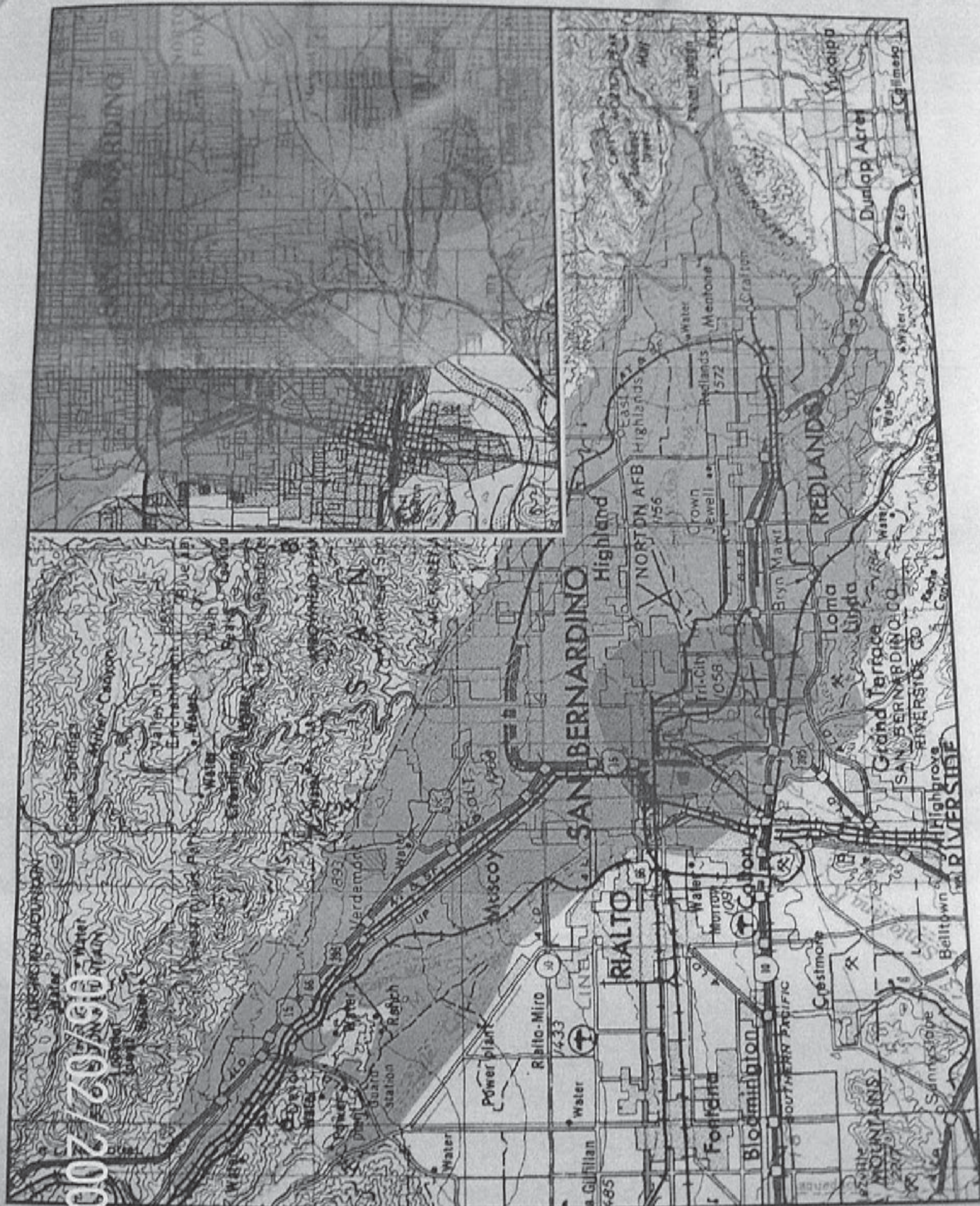
GEORGE A. AGUILAR
Division II

PAT MILLIGAN
Division III

MARK BULOT
Division IV

STEVE COPELAN
Division V

ROBERT L. REITER
General Manager
and Chief Engineer



Areas of Interest for the "Characterization of Groundwater Contamination in the Area of Historic High Groundwater within the San Bernardino Basin Area"



San Bernardino Valley Municipal Water District

1350 SOUTH "E" STREET - P. O. BOX 5906 - SAN BERNARDINO, CALIFORNIA 92412-5906 - (909) 387-9200
FAX (909) 387-9247

2003 JUN 10 AM 9:33

AES	6/11
PGC	

June 6, 2003

Maneck Chichgar
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street
Suite 500
Riverside, CA 92501-3348

RE: Business cards for Raymond Brown

Maneck:

Per your request, please distribute the attached.

Thank you,

Raymond Brown

06/02/2009

The Atchison, Topeka and Santa Fe Railway Company

1300 Santa Fe Plaza
540 East Honda Street
Los Angeles, California 90040

213/267-5454

December 31, 1987

Files: 01001447-44
01000820

Mr. Richard Bailey
Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506

JAN - 8 1988	
GIT	1-8
KWB	1/12
HDB	1/12

SUBJECT: Hydrogeological Assessment Report

Dear Mr. Bailey:

The Atchison, Topeka and Santa Fe Railway Company (ATSF), hereby submits the Hydrogeological Assessment Report (HAR) for the treatment ponds located at our treatment plant in San Bernardino. The enclosed HAR is not complete but contains all the information that ATSF presently has available for submittal. A schedule for completing the HAR is presented in this letter. As we discussed with you on November 17, 1987, we are currently determining if the treatment ponds contain hazardous wastes.

The enclosed HAR addresses the waste sludge basin (SB-01) and the two settling basins (SB-4) located at the ATSF treatment plant. As previously mentioned in our meeting, some of the units originally listed by ATSF as TPCA impoundments were listed in error. These units include:

- SB-02: Concrete Waste Oil Tank
- SB-03: "Eimco" Oil/Water Clarifier (steel)
- SB-26: Brine Ponds
- SB-29: Concrete Inlet Sump
- SB-32: Concrete Acetylene Tank

The units identified as SB02 and SB32 are underground tanks and are, therefore, regulated by the County of San Bernardino's Underground Tank Ordinance and not by TPCA. The oil clarifier and concrete inlet sump are not natural topographic depressions or formed primarily of earthened materials. Therefore, these units do not meet the construction criteria for a TPCA impoundment and are not required to meet the requirements of TPCA. The brine ponds contain spent brine regenerant from the zeolite softener system.

06/02/2009

Mr. Bailey
Page Two
December 31, 1987

File# 01001447-44
01000820

These ponds have been operating under the RWQCB Order Number 73-1 and do not contain hazardous wastes. Therefore, the brine ponds are not required to meet the requirements of TPCA.

The wastes contained in the treatment ponds will be classified as hazardous or non-hazardous prior to completing the HAR. Sludge and liquid samples will be collected from the ponds the first week of January and analyzed for the following constituents:

Priority Pollutant Organics
Priority Pollutant Metals
Toxicity (LD50 Bioassay)
pH

It is anticipated that the results of the analyses will be available by January 29, 1988, and a determination of the waste hazard classification will be available within one week of receiving the laboratory results.

If the wastes are determined to be non-hazardous, then the treatment ponds will not be required to meet the requirements of TPCA and the HAR will not be completed.

If the wastes contained in the treatment ponds are found to be hazardous, then a proposed workplan will be submitted to the RWQCB describing field work and analyses to be performed in order to complete the HAR. The workplan will include detailed procedures for completing the following:

- o Defining each groundwater body located beneath the treatment ponds
- o Analyzing the hydrogeology and groundwater of each groundwater body beneath the treatment ponds
- o Estimating the rate of groundwater movement, transmissivity, and the storage coefficient for each groundwater body beneath the treatment ponds
- o Defining the anisotropy of the water bearing zones
- o Assessing the background water quality for groundwater flowing beneath the facility

06/02/2009

Mr. Bailey
Page Three
December 31, 1987

Files: 01001447-44
01000820

- o Investigating the composition of the vadose zone beneath the treatment ponds
- o Completing Section V. - the climatology of the area
- o Completing Section VI. - specific surface water data

The workplan will be submitted to the RWQCB within two weeks of determining the wastes as hazardous.

Please contact Mr. Dave Clark at (213) 267-5454 if you have any questions concerning the HAR or analyses of the wastes.

Very truly yours,

Q. W. Torpin, General Manager

By D. C. Clark
D. C. Clark, Manager
Environment & Hazardous
Materials Control

0284N

06/02/2009

The Atchison, Topeka and Santa Fe Railway Company



One Santa Fe Plaza
5200 East Sheila Street
Los Angeles, California 90042

213/267-5454

December 11, 1987

Files: 01001447-47
01000820

Mr. James R. Bennett, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Ave., Suite 200
Riverside, CA 92506

DEC 16 1987
CVB 12/16
DE 12/16
RDB 12/16
CCF 12/21

Attn: Dixie B. Lass Assoc. Eng. Geologist
Rich Bailey Engineering Geologist

RE: 11-18-87 Meet ATSF Railway; TPCA, NPDES, and HAR Submittals

Dear Mr. Bennett:

Following is our understanding of the various topics discussed at the above cited meeting.

Those in attendance at the meeting were:

Dixie B. Lass, Assoc. Engr. Geologist (CRWQCB)
Richard D. Bailey, Engineering Geologist (CRWQCB)
Myron A. Eng, Water Resource Control Engr. (CRWQCB)
Celia Fitzgerald, Resource Control Engr. (CRWQCB)
Richard Stone, President - ERM West
Lori Pettigrew - Scientist - ERM West
T. C. Lassen, Mgr. Environment, ATSF Rwy Co.

The items discussed are presented below by topic along with any relevant information obtained subsequent to that meeting.

1. NPDES Renewal

Santa Fe's NPDES renewal application for storm diversion outfalls "001" and "002" with fees was given to Myron Eng. As explained to Mr. Eng the permit, Form 2c, indicates that Santa Fe will be working on a design of a new wastewater treatment plant beginning January 1, 1988. The plan will incorporate segregation of storm drains and industrial drains. When completed the new plant should be capable of treating industrial wastewater without diversions, during most storms.

The present schedule calls for design to be completed in 1988 with construction being completed in early 1989.

Mr. Eng indicated that he would be reviewing the permit and that board approval would probably be scheduled for January 1, 1988.

06/02/2009

2. TPCA

Considerable discussion centered around TPCA and its required Hydrogeological Assessment Report (HAR).

Santa Fe in 1986 filed for an exemption for various liquid contaminant units located in San Bernardino. The units filed are identified as follows:

<u>POND I. D.</u>	<u>DESCRIPTION</u>
SB01	DAF sludge decant basin
SB02	Concrete waste oil tank
SB03	"Eimco" oil/water clarifier (steel)
SB04	Equalization basins
SB26	Brine evaporation ponds
SB29	Concrete inlet sump
SB32	Concrete Acetylene tank

All of the above were submitted and exemptions were requested in 1986. They were initially not filed for as it was Santa Fe's belief that wastes were not hazardous but fell under the category of designated wastes.

On February 6, 1986, we received a notice from the State Water Resources Board that TPCA fees were due and based on this advice, with its threat of expensive penalties, we filed all the above listed units including those which are rightfully tanks.

In retrospect several of the above units do not qualify as TPCA ponds and should not have been included. The original filing was based on the "1984 Underground Tank Inventory" reporting, and included all structures not specifically listed as a steel or fiberglass underground tanks.

Units identified as SB02 and SB32 are for all intent and purpose underground tanks. The tanks are not ponds (i.e.- not constructed of earthen materials and additionally they have four sides, a top and bottom). It is our intention to close these tanks, by removal, per San Bernardino County Regulations.

SB03 is an Eimco Steel clarifier set below grade. It also fits the definition of a tank, being structurally designed and constructed entirely of non-earthen materials.

06/02/2009

SB26 is an evaporation pond containing brine which is not a hazardous waste. The ponds are therefore not subject to TPCA.

SB29 is a concrete sewer inlet box and is constructed of concrete. The fact that they were inadvertently filed does require that your office advise that the units are not subject to TPCA regulations.

SB01 and SB04 are gunnite ponds constructed as units necessary to the operation of the wastewater treatment facility. Based on our meeting it is apparent that only the sludge pond (SB01) and perhaps the equalization ponds (SB04) are TPCA candidates. Our consultant, ERM-West is in the process of completing waste characterizations for the sludge ponds and equalization ponds, since it is our contention that the waste has the characteristics of a "special" rather than a "hazardous" waste.

Another requirement of TPCA is that a HAR be submitted by December 31, 1987. Although we are assuming a HAR is not required, pending waste characterization approval, we have in connection with other studies completed a portion of the HAR requirements. We will send partial requirements for the HAR by December 31, 1987 and a work plan to complete the requirements, pending waste characterization review by DOHS.

As mentioned at the meeting we are beginning a design of our new wastewater treatment plant. When construction is completed the existing plant will be closed, and all equipment and ponds, including ponds SB01 and SB04 removed.

3. Solvent In Groundwater Study

Attached is ERM's report of activities concerning recent groundwater investigation initiated by your verbal request due to Perchloroethylene being found in monitoring wells installed at a nearby gasoline station.

The investigation showed a significant amount of TCE at one well (MW10) location. Whether the TCE has originated from Santa Fe operations or not is still not known. The investigation did not, however, indicate any direct association with the neighboring gasoline wells.

Included with the report of investigation is a preliminary work plan for the next phase of field activities which will focus on defining the limits of TCE found on our property. A shallow soil investigation will also be performed on the North side of our shops to define the horizontal extent of PCE found at shallow depths during an attempted installation of monitoring well MW11.

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Mr. Bennett
Page Four

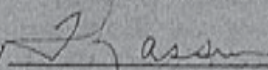
Files: 01001447
01000820

We appreciate the time your office took to meet with us and our consultant, ERM-West. During your review, any questions you have should be directed to Mr. Tim Lassen at the above phone number.

Very truly yours,

Q. W. Torpin, General Manager

By



T. C. Lassen, Manager
Environment & Hazardous
Materials Control

0200N

06/02/2009

DATE: November 18, 1987

RE: Santa Fe Railroad Meeting

LOCATION: Here

ATTENDEES: Tim Lassen, Santa Fe
Richard Stone, Pres., ERM-West
Lori Ann Pettegrew, ERM, TPCA Person
Tom Thurbald, ERM, GW Investigation
DBL
CCF
MAE
RDB

The meeting concerned all of the work that was currently being conducted at Santa Fe in SBDO. They have a number of projects that they are working on now and we wanted to know how the projects are progressing. The TPCA HAR is currently overdue and SF is seeking to have a waste characterization conducted to determine if the wastes in the ponds is hazardous.

SF had not done any of the work on the HAR and they did not feel that they would be able to issue a complete HAR by December 31, 1987. I (RDB) stated that the HAR was requested in a letter that was sent April 22, 1987. The HAR was due 10/19/87, and is now overdue. I stated that we have the option of beginning penalty action for failure to submit a HAR by the requested date. I felt that this sort of action was counter productive as it would not get the HAR to us any sooner. However, we wanted the HAR ASAP, and the statutory deadline was 12/31/87. I said that we must have the HAR submitted by that date.

ERM stated that they could have something to us by then, but that it may not be complete. They wanted to know what would be required to satisfy our needs. DBL stated that we were not seeking the minimum but were looking for a complete report. I stated that they had to submit something, and if they could not submit a complete report they should what they had, include a work plan for completing the remainder, and we would take their efforts into consideration when deciding on enforcement. However, I said that they had a large amount of data already and what they did not have should be fairly easy to get as it was mainly already documented information. I said a good faith effort should be made to comply with the statutory deadline as the report was already overdue. If nothing was submitted by 12/31/87 I would recommend enforcement. I felt that we had given them sufficient notification of the HAR due date and if they did not comply that was solely their decision.

Tim Lassen brought up that they were trying to have the waste determined by DHS to be non-hazardous and then they would be out of the TPCA program altogether. They were currently performing the waste analysis necessary to submit to DHS. I stated that until DHS made that determination they were subject to the Act

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because they had registered the ponds under TPCA. I stated that in my discussions with DHS Alternative Technology Section people they were saying that it would be six months to a year before a decision could be made. In this case the cease discharge deadline would have passed before they received back a decision from DHS. If liquids remained in the ponds they would be in violation of the Act. I stated that we had no alternative but to ask for them to comply with the cease discharge date or risk enforcement action. They stated that they would have to shut down the facility if they had to comply with the cease discharge deadline and they were wondering whether we had discretionary options as to what we enforced. I stated that in the case of TPCA we must act if violation of the Act occurs as the law was written so as not to allow us to take into account other considerations.

A discussion arose as to which ponds at the facility were actually subject to the Act. Santa Fe felt that the brine ponds were not subject to the Act as they were dedicated ponds that were fenced off from the rest of the facility, which only received waste softener water. I stated that we need more information to be able to take them out of the program. Specifically I wanted any water analysis which they may have run on the liquids in the ponds. They said that they do not have any such analysis. I said that they should take samples and perform a determination, because it would be arbitrary of us to remove these ponds from the program without any documentation, and without DHS input. (In later discussion with DBL and KVB it was determined that these ponds could be removed from the program without further analysis). In examining three other of the registered impoundments it was determined that they were probably underground tanks.

ERM again brought up what they needed to submit in a HAR in December, they did not have much time and they needed to know what we wanted so as to minimize unnecessary work. I said that I recognized the short amount of time they had but it was primarily of their own doing as they got into the program so late, and they must submit what they had available. I said they had a large amount of necessary information, and they must comply with the statutory requirements of TPCA. If they did not submit anything we could start a penalty action, so a good faith try was necessary. DBL stressed that we wanted a complete report by 12/31/87.

06/02/2009

DATE: October 15, 1987

RE: Telecon with Tim Lassen of Santa Fe on TPCA requirements

LOCATION: N/A

ATTENDEES: N/A

Telecon with Tim Lassen of Santa Fe concerning his letter of September 10, 1987 in which he stated that they were applying to DHS for a waste classification for wastes in the TPCA regulated impoundments at the San Bernardino Yards. I explained that until the the waste was determined to be non-hazardous by DHS we were considering the impoundments to be subject to TPCA, and all of the deadlines must be met. He stated that he understood the requirements. I also reminded him that the HAR for the site was due on October 19, 1987. He had recently talked with Myron Eng of this office and they were going to try to arrange a meeting in early November with all of the people at this office who are working on the site.

06/02/2009



The Atchison, Topeka and Santa Fe Railway Company

One Santa Fe Plaza, 5200 East Sheila Street, Los Angeles, CA 90040

213726725454

September 10, 1987

File: 01001447-47

Mr. James R. Bennett
Executive Officer
California Regional Water
Quality Control Board
Santa Ana Region
6809 Indiana Avenue
Suite 200
Riverside, CA 92506

SANTA ANA REGION	
RECD	DATE
	SEP 21 1987
JTT	9/21
VLB	9/23
RDB	✓

Dear Mr. Bennett:

Please refer to your letter of April 22, 1987 concerning our exemption request for surface impoundments, subject to TPCA. Your letter indicated that Santa Fe would be required to close the ponds and submit a hydrogeological assessment report as required by TPCA. The report is to be submitted by October 19, 1987.

Our present plans are to retire the existing ponds. We have engaged ERM-West of Walnut Creek to act as our consultant in preparing information necessary for closure of the ponds. Presently, ERM-West has been testing the waste from each of the ponds to determine whether the material is a hazardous waste or a designated hazardous waste. It is our present understanding that wastes classified as "designated" do not fall under TPCA regulations. We originally filed for an exemption until the waste exemption process could be completed.

Providing the waste is classified as "designated", it will be our intention to close the ponds under Subchapter 15 regulations rather than those specified under TPCA. ERM-West expects to have the information necessary to apply for the exemption by the end of September.

In direct response to your letter, it is our intention to close the ponds. Our present schedule calls for much of this work to be completed throughout next year. As to whether the information supplied for the hydrogeological assessment applies for Subchapter 15 or TPCA regulations will be dependent on how the Department of Health Services treats the exemption request.

06/02/2009

Mr. James R. Bennett
September 10, 1987
Page Two

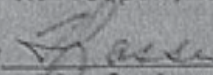
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Should you have any questions or require any further information, please contact Mr. Lassen at the above address or telephone number.

Very truly yours,

Q. W. Torpin, General Manager

By


Jim C. Lassen, Manager
Environmental & Hazardous
Materials Control

06/02/2009

Source:

Modified from Santa Fe
 Railway Varsity Location Plan 12-23-86

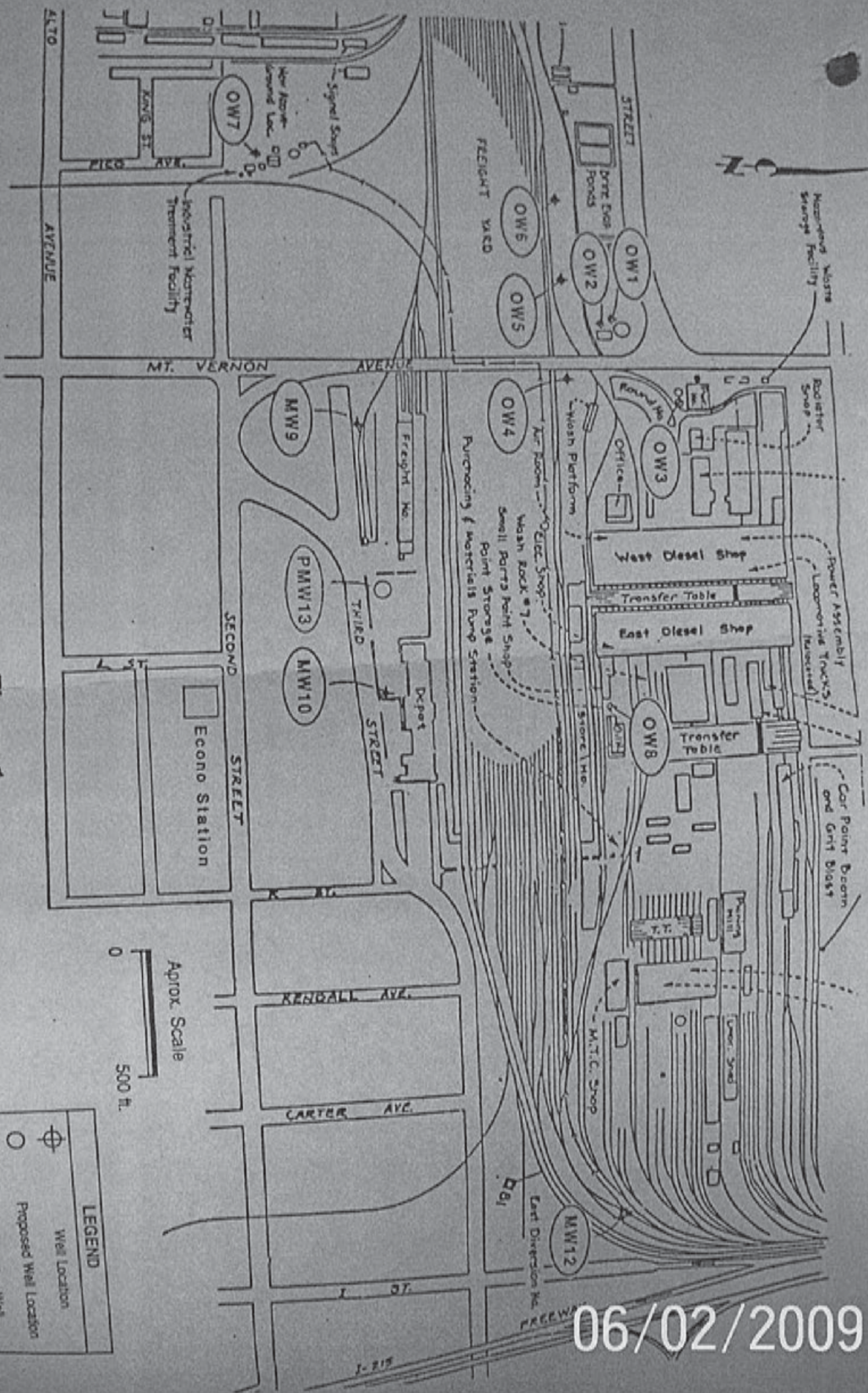


Figure 1

Boring & Well Location Map

LEGEND	
	Well Location
	Proposed Well Location
	Observation Well
	Monitoring Well
	Proposed Monitoring Well
PMW13	
MW11	
OW1	
MW12	
MW9	
MW10	
PMW14	

06/02/2009

TO: ERM/Title
FROM: SI
SUBJ: 7/22/92 Inspection & ATSF

DISCUSSION:

I was at the site this a.m. to observe the installation of Well 42. The proposed depth of the well is 165'. The well is located around 500' away from the nearest Colton well. This well is being installed to monitor the impact of VOC plume, originated at ATSF, upon Colton wells. They were drilling down to around 150' while I was at the site.

ERM-West, ATSF's consultant, has spent almost two weeks of their time drilling this well. The drilling (by rotary mud method) has been reportedly very difficult because of the drilling rig, loose nature of soil, and the large amount of cobbles and rocks that were encountered. The drill bit and rod were stuck in the hole while they were initially drilling last week. They were unable to recover the bit and rod. As a result, significant amount of time was also spent on the repair of the driller's equipment. Consequently, the well was drilled at an adjacent spot. They expect to complete this well tomorrow (7/24). The initial borehole was filled with bentonite.

So far, seven new on-site wells have been installed at the site. Three new off-site wells remain to be installed. They will start drilling one of the three off-site wells (Well 38) next Monday (7/27).

No groundwater samples were collected from any of these recently-installed new wells. ERM-West has planned to sample them along with the existing wells that contain water in August as originally scheduled.

Well log data collected from these new wells and recent geophysical data do not indicate that a continuous clay layer exists beneath the site. Previous ATSF's consultant had stated that such a clay layer may exist. Only noncontiguous clay lenses have been encountered to date. These clay lenses are reportedly less than 10 feet thick.

06/02/2009

6002/20/90

5th

Street

Kingman

Street

Brine Ponds

Cabrera

4th

Street

MW-17

MW-31

Mt. Vernon Avenue

Central Track Area

West Diesel Shop

East Diesel Shop

Transfer Table

Car Shop

Administrative Bldg

Depot

3rd

Street

2nd

Street

Giovanola

Avenue

Econo
Station

King Street

Atchison, Topeka and Santa Fe Railroad
San Bernardino, Calif.

LEGEND

Ground Water Monitoring Well

Approx. Scale in Feet

0

500'

FIGURE 1

ATSP SUMMARY
November 1991

37 wells have been installed.
5 wells were abandoned in 1989.
1 well (OW-6) has no access at the present time.

It is believed that 3 groundwater-bearing zones exist beneath the site: perched zone, upper zone in younger alluvium (A1), and lower zone in older alluvium (B1). Groundwater flow is east to southeast in zone A1, south to southeast in zone B1. A1 and B1 are probably hydraulically separated.

Perched groundwater is usually at 10'-35' bgs (saturated thickness is around 5'). A1 zone groundwater is found at 35'-50' bgs. B1 zone groundwater is found at 53'/58'-135' bgs.

Two clay layers (believed to be semi-permeable) were found at approx 45' to 60' bgs and at 135' bgs and are around 4' thick.

Last monthly report required by CAO No. 88-80 was submitted for 4/91 activities.

HOT SPOTS

Four "hot spots" have been identified so far:

- > Above ground tank areas
 - East Transfer Table/Former PCE storage area
 - UGT adjacent to MW-35
 - Southeast depot parking lot near MW-21

Other four "hot spots" which pose less threat to groundwater at this time because currently above groundwater table:

- Three former UGT areas
 - Industrial Wastewater Treatment Plant area

Former PCE storage tank near "power house" was excavated in 1989. 22 ppm of PCE was found in soil at 2' below the base of the excavation.

4/88 shallow soil gas survey confirmed that former PCE storage tank near the east transfer table is one of the sources of VOCs.

Wastewater from onsite treatment plant used to contain PCE, TCE, and TCA as high as 4,200 ppb, 1,150 ppb, and 6,900 ppb, respectively.

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Groundwater recently collected from wells at Exxon gas station downgradient from ATSF showed PCE and TCE at 1,600 ppb and 400 ppb, respectively.

On 8/10/90, 500-gal waste oil tank near "wheel shop" was removed. PCE and TCE in soil at 1' below the bottom of the excavation were at 11,000 ppb and 6 ppb, respectively.

NOVEMBER 1989 INVESTIGATION REPORT

Offsite migration beyond ATSF southern boundary seems to come from the above ground tank area and the east transfer table/ former PCE storage tank area. However, the report stated that this may not be the case if the groundwater flows easterly.

VOCs were found in 17 of 24 soil borings that were converted to wells and in 7 of 9 soil borings.

BTXE were found in 8 of 24 soil borings converted to wells and in 2 of 9 soil borings.

GROUNDWATER SAMPLING AND ANALYSIS PLAN

Shallow Groundwater Sampling and Analysis Plan required by Item 5 of CAO 88-80 was submitted in 2/91. Five key wells (MW-17, MW-19, MW-21, MW-24, and MW-26) will be sampled in December, February, April, and August (3 months for high water level and 1 month for low water level). February sampling will include all water-bearing wells. Key wells may be changed depending upon future circumstance.

Water level measurements will be obtained from all water-bearing wells in December, January, February, March, April, and August.

3/91 AND 4/91 SAMPLING ROUNDS

3/91 sampling round found water in 8 wells. MW-21 and MW-28 showed VOCs at 269 and 2,386 ppb respectively. MW-21 and MW-28 are 41 and 46 feet deep, respectively.

4/91 sampling round revealed that only 7 wells had water. 4 wells that were sampled (MW-17, MW-19, MW-24, and MW-31) showed NDs for VOCs, BTXE, and TPH.

06/02/2009

BRINE PONDS

Two concrete-lined brine ponds exist at the site. The ponds are located in the northwestern portion of the site. The 4/91 Brine Ponds Investigation and Closure Workplan was submitted. 2 wells and 4 soil borings were proposed for assessing impacts from the ponds on groundwater. Field work on the investigation and closure of the ponds will be conducted concurrently with Phase II soil and groundwater investigation. DBL mentioned that she would respond to this workplan.

PHASE II WORKPLAN

Phase I soil and gw investigation was conducted during 8/89 and 10/89.

3/91 Workplan for Phase II of the Shallow Soil and Groundwater Investigation was submitted. Major proposed works included in the workplan are:

- * Conducting soil gas survey at the "hot spots."
- * Conducting Cone Penetrometer Investigation (HydroPunch ?).
- * Installing 8 deep wells and 7 deep soil borings.
- * Performing geophysical field activities such as seismic refraction survey and electric resistivity survey.
- * Installing 2 shallow wells and 5 shallow soil borings.
- * Conducting a pump test to determine the degree of hydraulic communication between A1 and B1 groundwater zones.

06/02/2009

11/21

COMMENTS ON 1/91 PHASE II WORKPLAN FOR ATSF

SOIL GAS SURVEY

- * A minimum spacing grid for 3 targeted areas stated in the workplan was not specified.
- * A maximum spacing grid for the entire site was proposed to be 300 feet. This may be too far apart. Needs a map showing all sampling locations for the entire site.
- * May have to compare their QA/QC procedures with Tracer Research's.

CONE PENETROMETER (CPT) INVESTIGATION

ATSF should be able to determine the feasibility of the CPT within 2 weeks after initiating Phase II field work.

More information will be needed for approval once the feasibility of CPT is determined, such as all CPT sampling locations.

What will be the alternative if CPT is found not to be feasible.

RWQCB will assist ATSF in acquiring right of entry to offsite areas.

DEEP SOIL BORINGS AND MONITORING WELLS

The workplan proposed a total of 15 deep wells and soil borings. Eight deep wells will be installed at specific locations. More deep wells in and downgradient from the central and southeastern portions of the site may be necessary.

No information on the proposed deep soil borings was discussed in the workplan.

It was mentioned in the workplan that the total length of each slotted section for a well is 10 feet. However, no information on the number of slotted sections for each well was provided. We will not allow more than one section.

06/02/2009

- * Greater caution should be exercised to prevent leakage from the aquifer above the clay layer due to installation of these deep wells.
- * MW-42 proposed for assessing the impact from ATSF on the City of Colton wells may not be appropriately located.
- * It was stated in the workplan that soil samples will be collected from all the deep wells during the installation at 5-foot intervals. Are they for field screening or for lab analysis? If these samples are for field screening, no information was provided regarding the screening.
- * All offsite wells must be locked to prevent vandalism.

GEOPHYSICAL FIELD WORK

Geophysical work may be conducted to adequately define the clay layers beneath the site.

- * It was stated that a seismic refraction survey may be performed at the site to supplement other sources of data, if it deems appropriate. What will determine if the survey is necessary?

SHALLOW SOIL BORINGS AND SHALLOW MONITORING WELLS

Two shallow wells and five shallow soil borings were proposed in the workplan.

- * Given that a number of wells went dry, two shallow wells may not be sufficient.
- * More shallow soil borings will be necessary in the hot spots for future soil remediation.
- * It was stated in the workplan that soil samples will be collected at five-foot intervals. Are they for field screening or for lab analysis? If they are for field screening, no information was provided regarding the screening.
- * It was mentioned in the workplan that the total length of each slotted section for a well is 10 feet. However, no information on the number of slotted sections for each well was provided. We will not allow more than one section.

PROJECT SCHEDULE

- * The schedule will need to be revised for a shorter period of time to do this phase II work.

06/02/2009

COMMENTS ON 2/91 REVISED WORKPLAN FOR SHALLOW GROUNDWATER SAMPLING
AND ANALYSIS FOR ATSF

This workplan is required by item 5 of CAO No. 88-80

- * The workplan noted that the results of each round of groundwater sampling and analysis will be submitted to the Board after the results of analysis have been obtained. No specific time frame was mentioned. We probably should ask them to submit the report within two weeks after obtaining lab analytical results.
- * It was stated in the workplan that five key wells (MW-17, MW-19, MW-21, MW-24, and MW-26) have been chosen for quarterly groundwater sampling. It was further stated that "After these wells have been initially sampled, a revised definition will be made of the key wells..."

We probably should ask them to sample these wells for at least a year before taken out of the key well list. However, additional wells may be designated as key wells if appropriate depending upon future circumstance (water level change, etc.).

- put wells between ECON + ATSF

06/02/2009



1450 Washington Street • Colton, California 92324 • (714) 825-4128

October 29, 1991

CRWQCB SANTA ANA REGION	
OCT 30 '91	
KJR	10/30
WJ	10/30
PLP	11/4
SS	11/4

UPPER SANTA ANA WATER RESOURCES ASSOCIATION

San Bernardino Basin Contamination

Committee Agenda

WEDNESDAY November 6, 1991

9:00 AM

Meeting at RHWCo. Conference Room

1. Norton AFB Well Sampling Schedule

A. Next Round of Testing

2. Comments on Norton AFB Plans

A. Monitoring Well Replacement Plan

B. Addendum to TCE Source Investigation
Field Sampling Plan

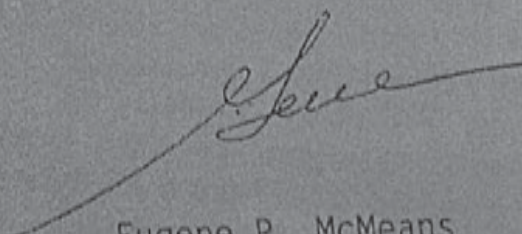
C. Draft report for Building 763

D. Response due by November 7, 1991

✓ 3. Santa Fe Railway Contamination Plume Sampling and Progress

4. Additional Comments

06/02/2009


Eugene P. McMeans
Chairman

ERM-West

Suite 310 • 18552 MacArthur Boulevard • Irvine, California 92715-1211 • (714) 476-3040 • Fax 714-476-3053

June 10, 1988

Mr. Dave Clark
The Atchison, Topeka and Santa Fe
Railway Company
One Santa Fe Plaza
5200 E. Sheila Street
Los Angeles, CA 90040

SUBJECT: CONCLUSIONS REGARDING POTENTIAL MIGRATION OF CHEMICALS
BETWEEN THE SANTA FE YARD AND THE ECONO STATION
San Bernardino, California

Dear Mr. Clark:

After completing our recent investigation of groundwater quality along the southern border of the San Bernardino Yard and Shops ("MONITORING WELL INSTALLATION AND SAMPLING ALONG 3RD ST.", May 1988), we have reviewed data from previous groundwater studies of the Econo Station site and have formulated conclusions regarding potential migration of chemicals between these two areas. We preface the conclusions with the caveat that sufficient data are not available to draw these conclusions with a high degree of certainty. We present these conclusions to address the concern expressed by the Regional Water Quality Control Board that a possible purgeable halocarbon plume characterized by high levels of tetrachloroethene (PCE) in groundwater may be migrating from beneath Santa Fe property toward the Econo Station.

Water quality data from the Econo Station site were supplied to us by the Santa Ana Regional Water Quality Control Board at an earlier date. The December 1986 data was reported by J.H. Kleindfelder & Associates in a February 1987 report and the June 1987 data was reported by Exeltech in an August 1987 report.

Water level data collected by ERM-West on both Santa Fe and Econo Station property in October 1987 (see attachment) suggest that the general groundwater gradient in the shallow water-yielding zone between Santa Fe wells MW9, MW10, MW11, and MW13 and the Econo Station was to the southeast. The data also suggest that there may have been a local pattern of radial flow centered approximately on Econo Station well MW-1. The pattern of radial flow could be

06/02/2009

explained by a local source of recharge to the water-yielding zone in the vicinity of Econo Station well MW-1.

Water quality data from sampling Santa Fe wells MW9, MW10, MW11, and MW13 in April 1988 indicated TCE was detected at all four wells. Concentrations ranged from 3µg/L to 600µg/L. PCE was detected at only two of these wells: 3µg/L at MW9 and 31µg/L at MW13. No aromatic hydrocarbons, including benzene, toluene, and xylene (BTX), were detected in any of the four wells.

Water quality data from December 1986 and June 1987 sampling events at the Econo Station indicate that purgeable halocarbons and BTX constituents are present in groundwater beneath the Econo Station. The highest concentrations of purgeable hydrocarbons were reported at Econo Station well MW6 including 1,600 µg/L PCE and 400 µg/L TCE. Well MW6 is the furthest well to the southeast of the Econo Station. Highest concentrations of BTX constituents were reported at Econo Station well MW3 located on the north side of the Econo Station: benzene 27 µg/L, toluene 3µg/L, and xylene 1.4 µg/L.

Assuming that the apparent southeast gradient calculated from October 1986 data represents a relatively long term and constant gradient, one would expect groundwater to flow in the shallow water-yielding zone from the area of Santa Fe wells MW9, MW10, MW11, and MW13 toward the Econo Station.

In comparing chemistry data between the Econo Station area and the area along the Southern border of Santa Fe property, however, no BTX was found in the four Santa Fe property wells. Furthermore, levels of PCE that are comparable to or higher than the maximum concentrations found beneath the Econo Station (i.e. levels that might be expected at the "source") have not been found in the Santa Fe wells. Although PCE can biodegrade to TCE, the reverse transition does not occur. Because the maximum concentrations of PCE observed beneath the Econo Station site are significantly higher than those found on Santa Fe property, we conclude the data do not suggest that the origin of PCE or BTX at the Econo Station site is from the area beneath Santa Fe wells MW9, MW10, MW11, and MW13. Because the distribution of PCE concentrations shows high variability beneath the Econo Station, and because the highest PCE concentration is downgradient from the Econo Station, it appears unlikely that the source of PCE could be from any distant upgradient source such as the Santa Fe Railway property.

06/02/2009

We do not have sufficient data to draw firm conclusions regarding the potential relationship between TCE detected at Santa Fe wells and TCE observed at the Econo Station site. We believe, however, that the source of both the TCE and PCE found at the Econo Station should be characterized by PCE concentrations greater than or equal to those found at the Econo Station. Based on this assumption, it appears unlikely that TCE from the area of the four Santa Fe wells is the source of TCE found beneath the Econo Station.

We hope these statements have satisfactorily conveyed our interpretation of groundwater conditions in the subject area. Please call if you have any questions.

Yours truly,
ERM-WEST

Timothy W. Thurnblad
Timothy W. Thurnblad
Senior Associate Hydrogeologist

cc: Richard W. Stone
TWT/292-3004

Attachment

06/02/2009

WORKPLAN FOR
MONITORING WELL INSTALLATION
AND SAMPLING ALONG THIRD STREET

ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY
SAN BERNARDINO RAILYARD

SAN BERNARDINO, CALIFORNIA

Prepared by:

ERM-WEST
18552 MacArthur Boulevard, Suite 310
Irvine, California

April, 1988

06/02/2009

INTRODUCTION

This workplan has been prepared to upgrade the monitoring network along the Southern border of the San Bernardino Railyard and to obtain new groundwater quality data. This work is being performed to address the concern expressed by the Regional Water Quality Control Board (RWQCB) that chemical constituents from Santa Fe property may be migrating offsite toward the Econo Station.

A draft workplan was prepared by ERM-West December 7, 1987 and submitted to Santa Fe and the RWQCB. This final workplan incorporates the comments made by the RWQCB. More specifically, two monitoring wells will be installed instead of the single well initially proposed.

We believe that assessment of water quality data from these four wells will provide sufficient coverage in the area along Santa Fe Railway's southern border upgradient of the Econo Station to detect potential groundwater contamination in this area with a reasonable degree of certainty.

Upon completion of the work described in this workplan, the data will be evaluated to assess whether or not potential contaminants are migrating from Santa Fe property toward the Econo Station. If the data indicate that constituents found at the Econo Station are caused by a source other than Santa Fe, then no further studies addressing the Econo Station will be performed.

SCOPE OF WORK

The objective of this work is to collect additional

06/02/2009

groundwater data between existing monitoring wells MW9 and MW10 to further assess the potential occurrence of shallow groundwater contamination beneath the Atchison, Topeka and Santa Fe Railway Company (ATSF) San Bernardino Railyard. The locations of the two new wells have been selected to complement locations of existing wells MW9 and MW10.

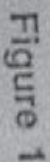
The preliminary locations for proposed monitoring wells 11 (PMW11) and 13 (PMW13) are shown on Figure 1. It is assumed that the borings will be drilled to a depth of approximately 30 feet below land surface. Relatively undisturbed soil samples will be collected by driving a sampling tube approximately every five feet for soil classification and description. Field descriptions from soil boring samples and soil cuttings will include descriptions of the soil or rock type and any odors or stains observed in samples. Soil samples and cuttings will also be periodically checked with an organic vapor meter for the presence of organic vapors. Soil cuttings will be placed in barrels provided by ATSF near each boring for later disposal by ATSF.

Two-inch diameter PVC casing and well screen will be installed in the 8" diameter borings. The screens will be placed at a depth suitable for sampling the first significant water-yielding zone. It is estimated that the bottom of the screens will be set at approximately 30 feet below land surface. The new monitoring wells will be bailed until clean or until ten water-column volumes have been removed after installation to clean out the filter packs and improve the hydraulic communication between the monitoring wells and the water yielding zone adjacent to the well screens.







In conjunction with the installation and sampling of the two new monitoring wells, monitoring wells MW9 and MW10 will also be sampled. Immediately before sampling, the wells will be bailed to

06/02/2009

Massachusetts Waste
Storage Facility -



Boring & Well Location Map

LIVING	
	new location
	request and notice
	character and
	writing and
	request learning and
	new

100-4283

bring fresh groundwater into the wells and then sampled with Teflon bailers for chemical analysis. Groundwater samples from the four wells will be analyzed for volatile organics by EPA methods 601 and 602. Static water levels will also be measured in all four monitoring wells.

After analytical data have been reported from the laboratory, the results of the investigation will be evaluated. The investigation report will include the following:

- o boring and well location map
- o table of water level data
- o laboratory chemistry data reports
- o summary of laboratory chemistry results
- o completed chain of custody forms
- o completed boring logs
- o interpretation of results
- o conclusions regarding shallow groundwater quality

06/02/2009

The Atchison, Topeka and Santa Fe Railway Company

One Santa Fe Plaza
200 East Main Street
Los Angeles, California 90012



713/247-5454

December 12, 1987

File # 00000007-02
00000000

Mr. James A. Bennett, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
5800 Indiana Ave., Suite 200
Riverside, CA 92506

Attn: Dixie B. Lass Assoc. Engr. Geologist
Rick Bailey Engineering Geologist

RE: 11-18-87 Meet ATSF Railway: TPCA, NPDES, and SAR Submittals

Dear Mr. Bennett:

Following is our understanding of the various topics discussed at the above cited meeting.

Those in attendance at the meeting were:

Dixie B. Lass, Assoc. Engr. Geologist (CRWQCB)
Richard D. Bailey, Engineering Geologist (CRWQCB)
Myron A. Eng, Water Resource Control Engr. (CRWQCB)
Celia Fitzgerald, Resource Control Engr. (CRWQCB)
Richard Stone, President - ERM West
Lori Pettigrew - Scientist - ERM West
T. C. Lassen, Mgr. Environment, ATSF Rwy Co.

The items discussed are presented below by topic along with any relevant information obtained subsequent to that meeting.

1. NPDES Renewal

Santa Fe's NPDES renewal application for storm diversion outfalls "001" and "002" with fees was given to Myron Eng. As explained to Mr. Eng the permit, Form 2c, indicates that Santa Fe will be working on a design of a new wastewater treatment plant beginning January 1, 1988. The plan will incorporate segregation of storm drains and industrial drains. When completed the new plant should be capable of treating industrial wastewater without diversions, during most storms.

The present schedule calls for design to be completed in 1988 with construction being completed in early 1989.

Mr. Eng indicated that he would be reviewing the permit and that board approval would probably be scheduled for January or February 1988.

06/02/2009

2. TPCA

Considerable discussion centered around TPCA and its required Hydrogeological Assessment Report (HAR).

Santa Fe in 1986 filed for an exemption for various liquid contaminant units located in San Bernardino. The units filed are identified as follows:

<u>POND I. D.</u>	<u>DESCRIPTION</u>
SB01	DAF sludge decant basin
SB02	Concrete waste oil tank
SB03	"Eimco" oil/water clarifier (steel)
SB04	Equalization basins
SB26	Brine evaporation ponds
SB29	Concrete inlet sump
SB32	Concrete Acetylene tank

All of the above were submitted and exemptions were requested in 1986. They were initially not filed for as it was Santa Fe's belief that wastes were not hazardous but fell under the category of designated wastes.

On February 6, 1986, we received a notice from the State Water Resources Board that TPCA fees were due and based on this advice, with its threat of expensive penalties, we filed all the above listed units including those which are rightfully tanks.

In retrospect several of the above units do not qualify as TPCA ponds and should not have been included. The original filing was based on the "1984 Underground Tank Inventory" reporting, and included all structures not specifically listed as a steel or fiberglass underground tanks.

Units identified as SB02 and SB32 are for all intent and purpose underground tanks. The tanks are not ponds (i.e.- not constructed of earthen materials and additionally they have four sides, a top and bottom). It is our intention to close these tanks, by removal, per San Bernardino County Regulations.

SB03 is an Eimco Steel clarifier set below grade. It also fits the definition of a tank, being structurally designed and constructed entirely of non-earthen materials.

06/02/2009

SB26 is an evaporation pond containing brine which is not a hazardous waste. The ponds are therefore not subject to TPCA.

SB29 is a concrete sewer inlet box and is constructed of concrete. The fact that they were inadvertently filed does require that your office advise that the units are not subject to TPCA regulations.

SB01 and SB04 are gunnite ponds constructed as units necessary to the operation of the wastewater treatment facility. Based on our meeting it is apparent that only the sludge pond (SB01) and perhaps the equalization ponds (SB04) are TPCA candidates. Our consultant, ERM-West is in the process of completing waste characterizations for the sludge ponds and equalization ponds, since it is our contention that the waste has the characteristics of a "special" rather than a "hazardous" waste.

Another requirement of TPCA is that a HAR be submitted by December 31, 1987. Although we are assuming a HAR is not required, pending waste characterization approval, we have in connection with other studies completed a portion of the HAR requirements. We will send partial requirements for the HAR by December 31, 1987 and a work plan to complete the requirements, pending waste characterization review by DOHS.

As mentioned at the meeting we are beginning a design of our new wastewater treatment plant. When construction is completed the existing plant will be closed, and all equipment and ponds, including ponds SB01 and SB04 removed.

3. Solvent In Groundwater Study

Attached is ERM's report of activities concerning recent groundwater investigation initiated by your verbal request due to Perchloroethylene being found in monitoring wells installed at a nearby gasoline station.

The investigation showed a significant amount of TCE at one well (MW10) location. Whether the TCE has originated from Santa Fe operations or not is still not known. The investigation did not, however, indicate any direct association with the neighboring gasoline wells.

Included with the report of investigation is a preliminary work plan for the next phase of field activities which will focus on defining the limits of TCE found on our property. A shallow soil investigation will also be performed on the North side of our shops to define the horizontal extent of PCE found at shallow depths during an attempted installation of monitoring well MW11.

06/02/2009

Mr. Bennett
Page Four

Files: 01001547
01000820

We appreciate the time your office took to meet with us and our consultant, ERM-West. During your review, any questions you have should be directed to Mr. Tim Lassen at the above phone number.

Very truly yours,

O. W. Koppin, General Manager

By Tim Lassen

Tim Lassen, Manager
Environment & Hazardous
Materials Control

0700N

06/02/2009



ERM-West

Environmental Resources Management

10771 Avenida Drive - Suite 200 - Walnut Creek, California 94596 925-933-1410 FAX 925-933-1411

4000 Camino Drive - Suite 200 - Newport Beach, California 92660 949-451-5400 FAX 949-451-5401

2800 Sunrise Boulevard - Suite 100 - Rancho Cordova, California 95670 916-233-1746 FAX 916-233-1747

Reply To:

December 8, 1987

Irvine

Mr. Tim Lassen
The Atchison, Topeka and Santa Fe
Railway Company
One Santa Fe Plaza
5200 E. Sheila Street
Los Angeles, CA 90040

SUBJECT: Hydrogeology Assessment, ATSF San Bernardino Facility

Dear Mr. Lassen:

This letter report describes the preliminary assessment of the hydrogeologic characteristics for the Atchison, Topeka and Santa Fe Railway Company (ATSF) San Bernardino facility. This report describes the objective of our study, and details the hydrogeologic setting of the facility. The field methods for drilling, sampling, and borehole logging are also described, as are the installation and development of the groundwater monitoring wells. Results of this assessment, as well as our conclusions, are also included.

OBJECTIVE/OVERVIEW

The objective of this study was to assess groundwater depths and flow and the potential occurrence of groundwater contamination beneath the ATSF San Bernardino Railyard. The investigation described in this report is based on field work performed August 31 through September 2, 1987. Four borings and three monitoring wells were completed during this investigation. Figure 1 shows the locations of wells installed during previous work and the four borings (B-9 through B-12) advanced during this investigation. The locations of the three new monitoring wells (MW-9, MW-10, and MW-12) are also shown at their respective boring locations. The four borings were drilled to depths of 20 to 36.5 feet below land surface.

At each boring, relatively undisturbed soil samples were collected by driving a sampling tube approximately every five feet for soil classification and description. Field descriptions

Complete report inside expands

An affiliate of the Environmental Resources Management Group with offices in

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Deerfield, IL • Englewood, CO • Houston, TX • Louisville, KY • Marietta, GA • Naperville, IL • Newport Beach, CA • Plainville, NY • Rancho Cordova, CA • Redmond, WA • Tampa, FL • Walnut Creek, CA • West Chester, OH • Vancouver, BC

06/02/2009



Figure 1

Proposed Monitoring Well Locations
San Bernardino Yards and Shops

06/02/2009

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT Atchison, Topeka & Santa Fe Railway
5200 E. Shiela Street
Los Angeles, Ca. 90040
Attention: T.C. Lassen

SAMPLE Waters as noted

DATE May 23, 1985

RECEIVED May 1, 1985

LABORATORY NO. 06339

INVESTIGATION

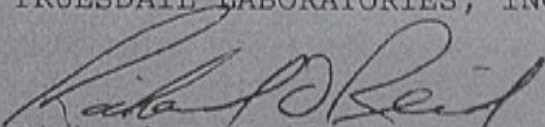
Purgeable Hydrocarbons (EPA 624)

RESULTS

Milligrams per Liter

Parameter	<u>S</u> OW #SH	<u>7</u> OW #TP	OW #1	OW #2
300 Chloroethane	0.30	< 0.001	< 0.001	< 0.001
1100 Methylene Chloride	0.0037	0.018	0.0033	0.001
1,1 Dichloroethene	1.1	< 0.001	< 0.001	< 0.001
280 Trichloroethylene	0.288	0.0032	< 0.001	< 0.001
Benzene	0.0045	0.0025	< 0.001	< 0.001
Perchloroethylene	0.005	< 0.001	< 0.001	< 0.001
Toluene	0.021	0.020	0.0064	0.0022
Chloroethene	< 0.001	0.0075	< 0.001	< 0.001
1,2 Dichloroethene	< 0.001	0.58	< 0.001	< 0.001
Chloroform	< 0.001	0.004	0.0048	0.0027

Parameter	OW #3	OW #4	OW #5	OW #6
Toluene	0.0065	0.0065	0.0071	0.0072
Chloroform	< 0.001	0.0011	< 0.001	< 0.001

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Richard D. Reid
Chief Water Chemist

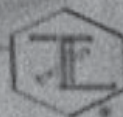

06/02/2009

This report is only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING



14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT Atchafalaya, Tulelake & Santa Fe Railway
One Santa Fe Plaza, 5200 E. Shields Street
Los Angeles, CA 90040
ATTN: T. C. Lauer

DATE April 15, 1985

RECEIVED March 4, 1985

SAMPLE Soils

LABORATORY NO. 6017

P.O. NO. 8032002

INVESTIGATION Volatile Organic Compounds (EPA 5020/B240)

RESULTS

Sample	PARTS PER MILLION, mg/kg						
	Benzene	Trichloro- ethylene	Perchloro- ethylene	Toluene	Methylene Chloride	Dichloro- ethene	
Boring OW-7 (2/28/85)							
3.5'-5'	<0.01	<0.01	<0.01	<0.01	0.14	Trace	<0.01
8.5'-10'	<0.01	<0.01	0.069	<0.01	1.33	<0.01	0.27
13.5'-15'	<0.01	0.026	0.31	0.38	0.032	<0.01	<0.01
18.5'-20'	0.027	<0.01	0.12	0.16	0.078	<0.01	<0.01
23.5'-25'	<0.01	<0.01	0.086	<0.01	3.69	<0.01	<0.01
Boring OW-8 (3/1/85)							
0.5'-2'	<0.01	0.56	0.011	1.67	0.50	<0.01	0.24
5'-5'	<0.01	0.051	0.18	0.25	0.45	<0.01	0.37
9.5'	<0.01	0.020	0.64	0.72	<0.01	<0.01	<0.01
13.5'-14.5'	<0.01	<0.01	0.061	0.065	<0.01	<0.01	<0.01
18.5'-19.5'	<0.01	8.57	1.37	4.09	0.26	5.8	<0.01
23.5'-24.5'	<0.01	<0.01	<0.01	0.75	1.10	0.48	<0.01
28.5'-29.5'	<0.01	<0.01	0.14	0.37	<0.01	0.088	0.0

Respectfully submitted,

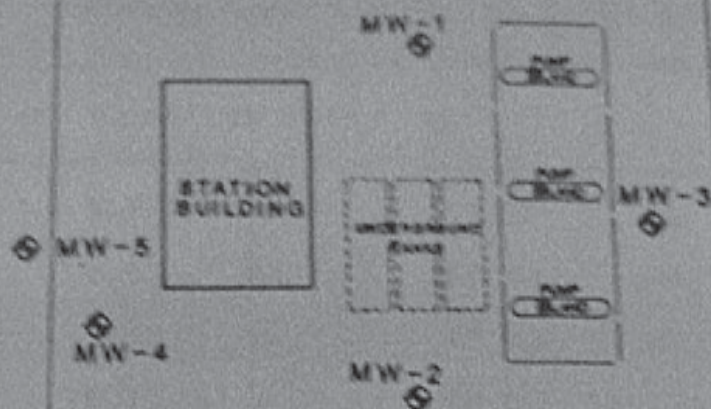
TRUESDAIL LABORATORIES, INC.

Richard D. Reid
Chief Water Chemist

06/02/2009

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparent identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in advertising or publicity matter without prior written authorization from these Laboratories.

"L" STREET



2ND STREET

MW-7

NORTH

APPROXIMATE SCALE: 1 INCH equals 40 FEET

MW-6

06/02/2009

The Atchafalaya, Topoka and Santa Fe Railway Company

One Santa Fe Plaza, 3200 N. Shella St., Los Angeles, CA 90050 213/767-5454



March 5, 1985

File: BD-32002-66

AREA 11135
MOR 11135
CARTON 11135

The California Regional Water
Quality Control Board
Santa Ana Region
6809 Indiana Avenue
Riverside, CA 92506

Attn: Hiram A. Baquai

Re: AT&SF Railway Shops, San Bernardino

Gentlemen:

Please refer to your letter of December 14, 1984. The following is our February 1985 report of progress at the San Bernardino locomotive shops:

1. Investigation of Oily Substance in Santa Fe Well

As your office requested; a sample of the oil in our well was submitted to Truesdail Labs on January 9, for analysis of benzene toluene and xylene. Truesdail completed their analysis on February 19 and, per conversation with their office, the results, in all cases, were less than 3(ppb). Our March report will include their lab analysis, which we have not yet received.

Crosby and Overton was awarded our contract for soil borings and construction of observation wells in the vicinity of the contaminated well. Their subcontractor, Pioneer Drilling, began work on February 21 and expects to be completed in three weeks. Analysis of samples and final report, per Crosby and Overton's schedule, will be by April 1. This means our recommendations for mitigation will be included in our April report.

2. Investigation of Solvents

As requested by your office, samples of perchloroethylene were submitted to Truesdail Labs for analysis of content. Their analyses are as follows:

	<u>PCE</u> <u>(Bulk Tank)</u>	<u>PCE</u> <u>(Drums)</u>
1-1-1 trichloroethylene	Less than 0.1%	0.1%
Perchloroethylene	99.99%	98%

06/02/2009

The Palmdale Regional Water
Quality Control Board
File: 8D-32002-00
March 5, 1985
Page Two

These results show perchloroethylene purchased at our shops is fairly pure and is not the source of trichloroethylene and other solvents showing in our waste streams.

Two items still remain for completion of our work plan submitted to your office on October 25, 1984. These items are the concrete containment around the bulk PCE tank and hazardous waste storage areas. The concrete wall around the bulk tank is scheduled for completion shortly. The containment around the hazardous storage area, which consists of a concrete pad with gutters, curb and security fence, are shown on the attached plan, which is being scheduled for completion.

As mentioned in previous reports, a weekly sampling program has been in progress at our shops for several weeks. Attached is a monthly graphical summary of the various tests from August through January 1985. As the graphs indicate, we continue to show concentrations of purgeable volatile hydrocarbons. Unusually high values are presently showing subsequent to the special testing which we undertook in August of last year. The bulk of the test data has just recently been received from Truesdail Labs and has not afforded us time to present our recommended solution to the problem.

To help alleviate the situation, we have, however, discontinued the use of the perchloroethylene vat, located at the radiator shop.

Additionally, various engineering firms have been contacted to aid us in developing a suitable treatment of the solvents now being discharged to the City of San Bernardino. Various alternatives, including air stripping at the dissolved-air flotation unit in our treatment plant, are being studied. Air stripping, if possible, will reduce considerably the present concentrations.

A typical air stripper will remove from 90% to 95% of incoming purgeable hydrocarbons. It is necessary for us to know the allowable concentrations that can be handled by the City to formulate a design. As I am sure you are aware, air strippers are expensive, and any design, among other things, must be based upon incoming concentrations, as well as the discharge concentrations. The City insists that limitations must be based on the Safe Drinking Water Act. However, they concede that their plant is not affected by levels exceeding those specified by the Safe Drinking Water criteria. At this point in time, we do not know what levels can be safely received by the City's waste treatment plant.

06/02/2009

The California Regional Water
Quality Control Board
File: 80-12002-66
March 5, 1985
Page Three

It is felt that most of the increased levels are brought on by temperature. Volumes of solvent used by the shops have not changed since last August, and various improvements also have been made since that time.

If you should have any questions concerning this report, please contact Mr. Tim Lassen, of my office, at the above telephone number.

Very truly yours,



A. H. Renne
Assistant General Manager
Engineering

cc: Mr. Jim Watson
Environmental Control Office
Municipal Water Department
P. O. Box 710
San Bernardino, CA 92403

06/02/2009

TRC

JUN 5

June 4, 1999

Project No. 96-187

Mr. Mick Hardin
Manager Environmental Remediation
The Burlington Northern and Santa Fe Railway Company
740 East Carnegie Drive
San Bernardino, California 92408

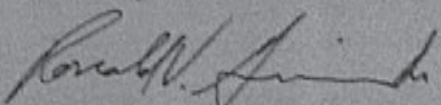
Transmittal
Monthly Operations Report
for May 1999
Installation and Operation of a VES/VTIS System
San Bernardino Rail yard

Dear Mr. Hardin:

Pursuant to our contract with BNSF for operation of the VES/VTIS at the San Bernardino Rail yard, enclosed is our Monthly Operations Report for May 1999. The report summarizes operational and maintenance activities during the month along with any problems encountered. Operational data is also provided.

If you have any questions regarding this Operations Report please call us.

Sincerely,



Ronald V. Giraudi, R.E.A.
Project Director

RVG/MCK:mc
Enclosure

cc: Stewart Emhof, ERM, Inc.

06/02/2009

MONTHLY OPERATIONS REPORT
MAY 1999
BNSF SAN BERNARDINO VES/VTS PROJECT

1. Operations Summary: The Western and Eastern Systems operated well during the month after the shutdown problems which had been occurring since February of this year were finally isolated and corrected in April. Some additional service work was performed on the systems and is discussed further in the Nonroutine Operations/Maintenance Activities described below. Some rainfall occurred in the area during April, and accumulated wastewater was sparged and discharged during the first part of May. The chlorinated volatile organic compounds (VOCs) were controlled during the month by monitoring the photoionization detector (PID) readings and opening/closing additional wells, if necessary. No additional vacuum extraction wells were opened in either system during the month.
2. Routine Maintenance Activities:
 - Routine weekly maintenance and inspections were performed throughout the month of April 1999. A major maintenance service was performed at the end of May.
3. Nonroutine Operational/Maintenance Activities:
 - The operator interface module which was replaced in April was serviced again in May in order to update its programming file with the current system files. The files were also backed up on a floppy disk.
 - The control room computer had been initiating error messages for a number of months on an infrequent basis. These had been annoying, but had not disrupted operations. The initial problems required the operator to restart the computer at the site in order for offsite personnel to access the computer remotely. The error messages were not associated with the former problem noted above on the thermal oxidizer shutdowns. The error messages became more frequent and computer "lockups" occurred. The systems integration company, KDC, indicated the problem may be associated with one or more of the operating programs/systems and suggested they be reinstalled. This effort was performed in April with the assistance of KDC. Some computer problems were still occurring and troubleshooting efforts continued into May. These problems were finally resolved by deleting the power saving options and screen saver on the computer system.
 - The thermal oxidizer units went into standby the first week of May due to accumulated water from rains which occurred in April. The wastewater was sparged and discharged to the sewer and the units restarted.
 - A power failure occurred at the site on May 21, 1999, at approximately 1:15 a.m. The units were restarted later that day.

06/02/2009

4. Monthly Operational Data:

PARAMETER	SYSTEM	
	Western (A)	Eastern (B)
Days in Operation ⁽¹⁾	~27.7	28.5
Percent Operational (31 days total)	89%	92%
Heat Input Rate (10^6 BTU/hr) ⁽¹⁾	~5.1 ⁽²⁾	~5.1 ⁽²⁾
Natural Gas Usage for Period (10^6 standard ft ³)	3.39 ⁽³⁾	3.49 ⁽⁴⁾
Process Temperature (°F)	~1,445	~1,445
Process Flow Rate (scfm) ⁽¹⁾	~3,550	3,550
Percent Dilution Valve Closed (60% Closed = Full Open [3,500 scfm])	72 to 74%	62 to 64%
Total Number of Vacuum Wells Open ⁽¹⁾	17	7
Total Number of Air Injection Wells Open ⁽¹⁾	4	2
Additional Wells Opened/Closed During the Month	--	--
• Vapor Extraction Wells	--	--
• Air Injection Wells	--	--
Average VOC Concentrations by PID ⁽⁵⁾	19.8 ppmv	22.0 ppmv
• Inlet	NA	NA
• Outlet	NA	NA
VOC Laboratory Analyses Performed:		
• Inlet:		
- EPA TO-15	NA	NA
- SCAQMD 25.1	NA	NA
• Outlet:		
- EPA TO-15	NA	NA
- SCAQMD 25.1	NA	NA
Estimated Quantity (lbs) of VOCs Removed by VES This Month and Cumulative ⁽⁶⁾ :		
• HVOCs	593	373
• Other VOCs	3	13
• Total VOCs (for this period)	596	386
• Cumulative Total VOCs Removed (since startup on January 26, 1998)	11,239	33,524
Estimated Quantity (lbs) of Petroleum Hydrocarbons Biodegraded This Month and Cumulative ⁽⁷⁾ :		
• Aerobic	40,554	4,896
• Anaerobic	37	49
• Total Aerobic and Anaerobic	40,591	4,945
• Cumulative Total Biodegraded (since startup on January 26, 1998)	607,842	280,404
Destruction Removal Efficiency (approximate)	99.8% ⁽⁸⁾	99.7% ⁽⁸⁾
Wastewater Laboratory Analyses Performed ⁽⁹⁾ :		
• Sparged		NA
• Unsparged		NA
Sparged Wastewater Discharged to Sewer (approximate gallons):		
• Current Month		820
• Cumulative (since January 1, 1999)		11,420

Average and/or approximate value while drawing on well field.

Estimated based on gas readings collected on January 5 and January 13, 1999.

Estimated based on average heat input rate of 5.10×10^6 BTU/hr and days in operation for reporting period.Estimated based on average heat input rate of 5.10×10^6 BTU/hr and days in operation for reporting period.

Average of multiple PID measurements during May 1999 using 10.2 ev. lamp and calibrated with isobutylene.

Based on VOC analyses and/or extrapolated/estimated values and adjusted based on average monthly PID reading.

Based on carbon dioxide and methane analyses and/or extrapolated/estimated values and petroleum hydrocarbons.

average Carbon number.

Calculated based on TO-15 inlet and outlet concentrations of samples collected on April 23, 1999.

Collected and analyzed by TRC.

06/02/2009

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Sampled: 04/23/99
Date Received: 04/23/99
Date Analyzed: 04/26/99

Attn: Ron Giraudi
RE: BNSF/96-187

Work Order No.: 99-04-0753
Method: SCAQMD 25.1
Page 1 of 3

TGNMO concentration values are reported in ppm (v/v) as hexane. All other concentration values are reported in ppm (v/v) unless otherwise noted.

Analyte	Concentration	Reporting Limit
Sample Number: West Inlet		
Oxygen plus Argon	21.0*	0.1
Nitrogen	78.2*	0.1
Carbon Dioxide	0.8*	0.1
Methane	7	2
Carbon Monoxide	ND	3
TGNMO	5.5	0.3

Sample Number: West Outlet

Oxygen plus Argon	17.4*	0.1
Nitrogen	79.8*	0.1
Carbon Dioxide	3.1*	0.1
Methane	ND	2
Carbon Monoxide	ND	4
TGNMO	3.1	0.3

Sample Number: East Inlet

Oxygen plus Argon	22.0*	0.1
Nitrogen	77.7*	0.1
Carbon Dioxide	1230	2
Methane	9	2
Carbon Monoxide	ND	4
TGNMO	8.3	0.3

* Reported in percent (%) by volume.

06/02/2009

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Sampled: 04/23/99
Date Received: 04/23/99
Date Analyzed: 04/26/99

Attn: Ron Giraudi
RE: BNSF/96-187

Work Order No.: 99-04-0753
Method: SCAQMD 25.1
Page 2 of 3

TGNMO concentration values are reported in ppm (v/v) as hexane. All other concentration values are reported in ppm (v/v) unless otherwise noted.

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Sample Number: East Outlet		
Oxygen plus Argon	18.5*	0.1
Nitrogen	79.1*	0.1
Carbon Dioxide	2.4*	0.1
Methane	ND	2
Carbon Monoxide	ND	4
TGNMO	2.7	0.3
Sample Number: Method Blank		
Oxygen plus Argon	ND*	0.1
Nitrogen	ND*	0.1
Carbon Dioxide	ND*	0.1
Methane	ND	1
Carbon Monoxide	ND	2
TGNMO	ND	0.2
Sample Number: Method Blank		
Carbon Dioxide	ND	1

* Reported in percent (%) by volume.

06/02/2009

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Sampled: 04/23/99
Date Received: 04/23/99
Date Analyzed: 04/26/99

Attn: Ron Giraudi
RE: BNSF/96-187

Work Order No.: 99-04-0753
Method: SCAQMD 25.1
Page 3 of 3

TGNMO concentration values are reported in ppm (v/v) as methane. All other concentration values are reported in ppm (v/v) unless otherwise noted.

QA/QC

Sample Number: Laboratory Control Sample

<u>Analyte</u>	<u>Sample Conc.</u>	<u>Duplicate Conc.</u>	<u>%RPD</u>	<u>Control Limits (%)</u>
Oxygen plus Argon	19.2*	19.2*	0	0 - 25
Nitrogen	19.1*	19.1*	0	0 - 25
Carbon Dioxide	5.4*	5.3*	2	0 - 25
Methane	114	114	0	0 - 25
Carbon Monoxide	104	103	1	0 - 25
TGNMO	323	318	2	0 - 25

* Reported in percent (%) by volume.

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL intact and with chain-of-custody attached.

06/02/2009

ANALYTICAL REPORT

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Received: 04/23/99
Work Order No: 99-04-0753
Preparation: N/A
Method: EPA TO-15

Project: BNSF/95-187

Page 1 of 6

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Wet Inlet	99-04-0753-1	04/23/99	Air	N/A	04/27/99	K990427A

Parameter	Result	EL	DE	Qual	Units	Parameter	Result	EL	DE	Qual	Units
Dichlorodifluoromethane	ND	1.4	2.8		ppb (v/v)	1,1,3-Dichloropropene	ND	1.4	2.8		ppb (v/v)
Chloromethane	ND	1.4	2.8		ppb (v/v)	1,1,2-Trichloroethane	ND	1.4	2.8		ppb (v/v)
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	ND	5.6	2.8		ppb (v/v)	Toluene	15.3	1.4	2.8		ppb (v/v)
Vinyl Chloride	208	11	22.4	D	ppb (v/v)	2-Hexanone	ND	2.8	2.8		ppb (v/v)
Bromomethane	ND	1.4	2.8		ppb (v/v)	4-Methyl-2-Pentanone	ND	2.8	2.8		ppb (v/v)
Chloroethane	3.1	1.4	2.8		ppb (v/v)	Dibromochloromethane	ND	1.4	2.8		ppb (v/v)
Acetonitrile	ND	2.8	2.8		ppb (v/v)	1,2-Dibromoethane	ND	1.4	2.8		ppb (v/v)
Trichlorofluoromethane	ND	1.4	2.8		ppb (v/v)	Trichloroethene	3820	110	224	D	ppb (v/v)
Acetone	14.8	2.8	2.8		ppb (v/v)	Tetrachloroethene	4910	110	224	D	ppb (v/v)
1,1-Dichloroethene	12.7	1.4	2.8		ppb (v/v)	Chlorobenzene	22.3	1.4	2.8		ppb (v/v)
Methylene Chloride	6.8	5.6	2.8		ppb (v/v)	Ethylbenzene	2.6	1.4	2.8		ppb (v/v)
1,1,2-Trichloro-1,2,2-Trifluoroethane	13.4	2.8	2.8		ppb (v/v)	Bromoform	ND	1.4	2.8		ppb (v/v)
Carbon Disulfide	ND	1.4	2.8		ppb (v/v)	Styrene	ND	2.8	2.8		ppb (v/v)
1,1,2-Dichloroethene	65.7	1.4	2.8		ppb (v/v)	1,1,2,2-Tetrachloroethane	ND	1.4	2.8		ppb (v/v)
1,1-Dichloroethane	510	11	22.4	D	ppb (v/v)	Xylenes (total)	8.1	4.2	2.8		ppb (v/v)
Vinyl Acetate	ND	2.8	2.8		ppb (v/v)	4-Ethyltoluene	2.7	1.4	2.8		ppb (v/v)
2-Butanone	ND	2.8	2.8		ppb (v/v)	1,3,5-Trimethylbenzene	11.8	1.4	2.8		ppb (v/v)
c-1,2-Dichloroethene	800	110	224	D	ppb (v/v)	1,2,4-Trimethylbenzene	14.8	1.4	2.8		ppb (v/v)
Chloroform	1.4	1.4	2.8		ppb (v/v)	Benzyl Chloride	ND	1.4	2.8		ppb (v/v)
1,2-Dichloroethane	7.5	1.4	2.8		ppb (v/v)	1,3-Dichlorobenzene	ND	1.4	2.8		ppb (v/v)
1,1,1-Trichloroethane	410	11	22.4	D	ppb (v/v)	1,4-Dichlorobenzene	ND	1.4	2.8		ppb (v/v)
Benzene	3.7	1.4	2.8		ppb (v/v)	1,2-Dichlorobenzene	ND	1.4	2.8		ppb (v/v)
Carbon Tetrachloride	ND	1.4	2.8		ppb (v/v)	1,2,4-Trichlorobenzene	ND	1.4	2.8		ppb (v/v)
1,2-Dichloropropane	ND	1.4	2.8		ppb (v/v)	Hexachloro-1,3-Butadiene	ND	1.4	2.8		ppb (v/v)
Bromodichloromethane	ND	1.4	2.8		ppb (v/v)	Methyl-tert-Butyl Ether	ND	5.6	2.8		ppb (v/v)
c-1,3-Dichloropropene	ND	1.4	2.8		ppb (v/v)						

06/02/2009

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Received: 04/23/99
Work Order No.: 99-04-0753
Preparation: N/A
Method: EPA TO-15

Project: BNSF/96-187

Page 2 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	GC Batch ID
West Outlet	99-04-0753-2	04/23/99	Air	N/A	04/27/99	K290427A

Parameter	Result	BL	DE	Qual	Units	Parameter	Result	BL	DE	Qual	Units
Dichlorodifluoromethane	ND	0.8	1.66	ppb	(v/v)	1,1,3-Dichloropropene	ND	0.8	1.66	ppb	(v/v)
Chloromethane	1.4	0.8	1.66	ppb	(v/v)	1,1,2-Trichloroethane	ND	0.8	1.66	ppb	(v/v)
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	ND	3.3	1.66	ppb	(v/v)	Toluene	ND	0.8	1.66	ppb	(v/v)
Vinyl Chloride	ND	0.8	1.66	ppb	(v/v)	2-Hexanone	ND	1.7	1.66	ppb	(v/v)
Bromomethane	ND	0.8	1.66	ppb	(v/v)	4-Methyl-2-Pentanone	ND	1.7	1.66	ppb	(v/v)
Chloroethane	ND	0.8	1.66	ppb	(v/v)	Dibromochloromethane	ND	0.8	1.66	ppb	(v/v)
Acetonitrile	2.8	1.7	1.66	ppb	(v/v)	1,2-Dibromoethane	ND	0.8	1.66	ppb	(v/v)
Trichlorofluoromethane	ND	0.8	1.66	ppb	(v/v)	Trichloroethene	ND	0.8	1.66	ppb	(v/v)
Acetone	9.4	1.7	1.66	ppb	(v/v)	Tetrachloroethene	4.3	0.8	1.66	ppb	(v/v)
1,1-Dichloroethene	ND	0.8	1.66	ppb	(v/v)	Chlorobenzene	ND	0.8	1.66	ppb	(v/v)
Methylene Chloride	ND	3.3	1.66	ppb	(v/v)	Ethylbenzene	ND	0.8	1.66	ppb	(v/v)
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.7	1.66	ppb	(v/v)	Bromoform	ND	0.8	1.66	ppb	(v/v)
Carbon Disulfide	ND	0.8	1.66	ppb	(v/v)	Styrene	ND	1.7	1.66	ppb	(v/v)
1,1,2-Dichloroethene	ND	0.8	1.66	ppb	(v/v)	1,1,2,2-Tetrachloroethane	ND	0.8	1.66	ppb	(v/v)
1,1-Dichloroethane	ND	0.8	1.66	ppb	(v/v)	Xylenes (total)	ND	2.5	1.66	ppb	(v/v)
Vinyl Acetate	ND	1.7	1.66	ppb	(v/v)	4-Ethyltoluene	ND	0.8	1.66	ppb	(v/v)
2-Butanone	ND	1.7	1.66	ppb	(v/v)	1,3,5-Trimethylbenzene	ND	0.8	1.66	ppb	(v/v)
c-1,2-Dichloroethene	ND	0.8	1.66	ppb	(v/v)	1,2,4-Trimethylbenzene	ND	0.8	1.66	ppb	(v/v)
Chloroform	ND	0.8	1.66	ppb	(v/v)	Benzyl Chloride	ND	0.8	1.66	ppb	(v/v)
1,2-Dichloroethane	ND	0.8	1.66	ppb	(v/v)	1,3-Dichlorobenzene	ND	0.8	1.66	ppb	(v/v)
1,1,1-Trichloroethane	ND	0.8	1.66	ppb	(v/v)	1,4-Dichlorobenzene	ND	0.8	1.66	ppb	(v/v)
Benzene	ND	0.8	1.66	ppb	(v/v)	1,2-Dichlorobenzene	ND	0.8	1.66	ppb	(v/v)
Carbon Tetrachloride	ND	0.8	1.66	ppb	(v/v)	1,2,4-Trichlorobenzene	2.0	0.8	1.66	ppb	(v/v)
1,2-Dichloropropane	ND	0.8	1.66	ppb	(v/v)	Hexachloro-1,3-Butadiene	1.0	0.8	1.66	ppb	(v/v)
Bromodichloromethane	ND	0.8	1.66	ppb	(v/v)	Methyl-tert-Butyl Ether	ND	3.3	1.66	ppb	(v/v)
c-1,3-Dichloropropene	ND	0.8	1.66	ppb	(v/v)						

06/02/2009

Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

ANALYTICAL REPORT

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Received: 04/23/99
Work Order No. 99-04-0753
Preparation: N/A
Method: EPA TO-15

Page 3 of 5

Project: BNSF/96-187

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	OC Batch ID
East Inlet	99-04-0753-3	04/23/99	Air	N/A	04/27/99	K990427A

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Dichlorodifluoromethane	ND	3.2	6.48		ppb (v/v)	1,1,3-Dichloropropene	ND	3.2	6.48		ppb (v/v)
Chloromethane	ND	3.2	6.48		ppb (v/v)	1,1,2-Trichloroethane	ND	3.2	6.48		ppb (v/v)
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	ND	13.0	6.48		ppb (v/v)	Toluene	102	3.2	6.48		ppb (v/v)
Vinyl Chloride	44.3	3.2	6.48		ppb (v/v)	2-Hexanone	ND	6.5	6.48		ppb (v/v)
Bromomethane	ND	3.2	6.48		ppb (v/v)	4-Methyl-2-Pentanone	ND	6.5	6.48		ppb (v/v)
Chloroethane	ND	3.2	6.48		ppb (v/v)	Dibromochloromethane	ND	3.2	6.48		ppb (v/v)
Acetonitrile	ND	6.5	6.48		ppb (v/v)	1,2-Dibromoethane	ND	3.2	6.48		ppb (v/v)
Trichlorofluoromethane	ND	3.2	6.48		ppb (v/v)	Trichloroethene	206	3.2	6.48		ppb (v/v)
Acetone	ND	6.5	6.48		ppb (v/v)	Tetrachloroethene	5270	130	259.2 D		ppb (v/v)
1,1-Dichloroethene	ND	3.2	6.48		ppb (v/v)	Chlorobenzene	ND	3.2	6.48		ppb (v/v)
Methylene Chloride	ND	13.0	6.48		ppb (v/v)	Ethylbenzene	8.6	3.2	6.48		ppb (v/v)
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	6.5	6.48		ppb (v/v)	Bromoform	ND	3.2	6.48		ppb (v/v)
Carbon Disulfide	ND	3.2	6.48		ppb (v/v)	Styrene	ND	6.5	6.48		ppb (v/v)
1,1,2-Dichloroethene	7.8	3.2	6.48		ppb (v/v)	1,1,2,2-Tetrachloroethane	ND	3.2	6.48		ppb (v/v)
1,1-Dichloroethane	28.7	3.2	6.48		ppb (v/v)	Xylenes (total)	90.1	9.7	6.48		ppb (v/v)
Vinyl Acetate	ND	6.5	6.48		ppb (v/v)	4-Ethyltoluene	4.6	3.2	6.48		ppb (v/v)
2-Butanone	ND	6.5	6.48		ppb (v/v)	1,3,5-Trimethylbenzene	26.6	3.2	6.48		ppb (v/v)
c-1,2-Dichloroethene	398	13	25.92 D		ppb (v/v)	1,2,4-Trimethylbenzene	28.5	3.2	6.48		ppb (v/v)
Chloroform	ND	3.2	6.48		ppb (v/v)	Benzyl Chloride	ND	3.2	6.48		ppb (v/v)
1,2-Dichloroethane	ND	3.2	6.48		ppb (v/v)	1,3-Dichlorobenzene	ND	3.2	6.48		ppb (v/v)
1,1,1-Trichloroethane	12.0	3.2	6.48		ppb (v/v)	1,4-Dichlorobenzene	ND	3.2	6.48		ppb (v/v)
Benzene	47.4	3.2	6.48		ppb (v/v)	1,2-Dichlorobenzene	ND	3.2	6.48		ppb (v/v)
Carbon Tetrachloride	ND	3.2	6.48		ppb (v/v)	1,2,4-Trichlorobenzene	ND	3.2	6.48		ppb (v/v)
1,2-Dichloropropane	ND	3.2	6.48		ppb (v/v)	Hexachloro-1,3-Butadiene	ND	3.2	6.48		ppb (v/v)
Bromodichloromethane	ND	3.2	6.48		ppb (v/v)	Methyl-tert-Butyl Ether	ND	13.0	6.48		ppb (v/v)
c-1,3-Dichloropropene	ND	3.2	6.48		ppb (v/v)						

06/02/2009

Reporting Limit DF - Dilution Factor Qual - Qualifiers

ANALYTICAL REPORT

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Received:
Work Order No:
Preparation:
Method:

04/23/99
99-04-0753
N/A
EPA TO-15

Project: BNSF/96-187

Page 4 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
East Outlet	99-04-0753-4	04/23/99	Air	N/A	04/27/99	K990427A

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Dichlorodifluoromethane	ND	0.9	1.73		ppb (v/v)	1,3-Dichloropropene	ND	0.9	1.73		ppb (v/v)
Chloromethane	7.2	0.9	1.73		ppb (v/v)	1,1,2-Trichloroethane	ND	0.9	1.73		ppb (v/v)
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	ND	3.5	1.73		ppb (v/v)	Toluene	ND	0.9	1.73		ppb (v/v)
Vinyl Chloride	ND	0.9	1.73		ppb (v/v)	2-Hexanone	ND	1.7	1.73		ppb (v/v)
Bromomethane	ND	0.9	1.73		ppb (v/v)	4-Methyl-2-Pentanone	ND	1.7	1.73		ppb (v/v)
Chloroethane	ND	0.9	1.73		ppb (v/v)	Dibromochloromethane	ND	0.9	1.73		ppb (v/v)
Acetonitrile	ND	1.7	1.73		ppb (v/v)	1,2-Dibromoethane	ND	0.9	1.73		ppb (v/v)
Trichlorofluoromethane	ND	0.9	1.73		ppb (v/v)	Trichloroethene	ND	0.9	1.73		ppb (v/v)
Acetone	6.2	1.7	1.73		ppb (v/v)	Tetrachloroethene	4.9	0.9	1.73		ppb (v/v)
1,1-Dichloroethene	ND	0.9	1.73		ppb (v/v)	Chlorobenzene	ND	0.9	1.73		ppb (v/v)
Methylene Chloride	ND	3.5	1.73		ppb (v/v)	Ethylbenzene	ND	0.9	1.73		ppb (v/v)
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.7	1.73		ppb (v/v)	Bromoform	ND	0.9	1.73		ppb (v/v)
Carbon Disulfide	ND	0.9	1.73		ppb (v/v)	Styrene	ND	1.7	1.73		ppb (v/v)
1,1,2-Dichloroethene	ND	0.9	1.73		ppb (v/v)	1,1,2,2-Tetrachloroethane	ND	0.9	1.73		ppb (v/v)
1,1-Dichloroethane	ND	0.9	1.73		ppb (v/v)	Xylenes (total)	ND	2.6	1.73		ppb (v/v)
Vinyl Acetate	ND	1.7	1.73		ppb (v/v)	4-Ethyltoluene	ND	0.9	1.73		ppb (v/v)
2-Butanone	ND	1.7	1.73		ppb (v/v)	1,3,5-Trimethylbenzene	ND	0.9	1.73		ppb (v/v)
c-1,2-Dichloroethene	ND	0.9	1.73		ppb (v/v)	1,2,4-Trimethylbenzene	ND	0.9	1.73		ppb (v/v)
Chloroform	ND	0.9	1.73		ppb (v/v)	Benzyl Chloride	ND	0.9	1.73		ppb (v/v)
1,2-Dichloroethane	ND	0.9	1.73		ppb (v/v)	1,3-Dichlorobenzene	ND	0.9	1.73		ppb (v/v)
1,1,1-Trichloroethane	ND	0.9	1.73		ppb (v/v)	1,4-Dichlorobenzene	ND	0.9	1.73		ppb (v/v)
Benzene	ND	0.9	1.73		ppb (v/v)	1,2-Dichlorobenzene	ND	0.9	1.73		ppb (v/v)
Carbon Tetrachloride	ND	0.9	1.73		ppb (v/v)	1,2,4-Trichlorobenzene	ND	0.9	1.73		ppb (v/v)
1,2-Dichloropropane	ND	0.9	1.73		ppb (v/v)	Hexachloro-1,3-Butadiene	ND	0.9	1.73		ppb (v/v)
Bromodichloromethane	ND	0.9	1.73		ppb (v/v)	Methyl-tert-Butyl Ether	ND	3.5	1.73		ppb (v/v)
c-1,3-Dichloropropene	ND	0.9	1.73		ppb (v/v)						

06/02/2009

RL - Reporting Limit

DF - Dilution Factor

Qual - Qualifiers

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Received:
Work Order No.
Preparation:
Method:

04/23/99
99-04-0753
N/A
EPA TO-15

Page 5 of 5

Project: BNSF/96-187

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	095-01-021-690	N/A	Air	N/A	04/27/99	K990427A

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Dichlorodifluoromethane	ND	0.5	1		ppb (v/v)	1,1,3-Dichloropropene	ND	0.5	1		ppb (v/v)
Chloromethane	ND	0.5	1		ppb (v/v)	1,1,2-Trichloroethane	ND	0.5	1		ppb (v/v)
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	ND	2.0	1		ppb (v/v)	Toluene	ND	0.5	1		ppb (v/v)
Vinyl Chloride	ND	0.5	1		ppb (v/v)	2-Hexanone	ND	1.0	1		ppb (v/v)
Bromomethane	ND	0.5	1		ppb (v/v)	4-Methyl-2-Pentanone	ND	1.0	1		ppb (v/v)
Chloroethane	ND	0.5	1		ppb (v/v)	Dibromochloromethane	ND	0.5	1		ppb (v/v)
Acetonitrile	ND	1.0	1		ppb (v/v)	1,2-Dibromoethane	ND	0.5	1		ppb (v/v)
Trichlorofluoromethane	ND	0.5	1		ppb (v/v)	Trichloroethene	ND	0.5	1		ppb (v/v)
Acetone	ND	1.0	1		ppb (v/v)	Tetrachloroethene	ND	0.5	1		ppb (v/v)
1,1-Dichloroethene	ND	0.5	1		ppb (v/v)	Chlorobenzene	ND	0.5	1		ppb (v/v)
Methylene Chloride	ND	2.0	1		ppb (v/v)	Ethylbenzene	ND	0.5	1		ppb (v/v)
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	1		ppb (v/v)	Bromoform	ND	0.5	1		ppb (v/v)
Carbon Disulfide	ND	0.5	1		ppb (v/v)	Styrene	ND	1.0	1		ppb (v/v)
1,1,2-Dichloroethene	ND	0.5	1		ppb (v/v)	1,1,2,2-Tetrachloroethane	ND	0.5	1		ppb (v/v)
1,1-Dichloroethane	ND	0.5	1		ppb (v/v)	Xylenes (total)	ND	1.5	1		ppb (v/v)
Vinyl Acetate	ND	1.0	1		ppb (v/v)	4-Ethyltoluene	ND	0.5	1		ppb (v/v)
2-Butanone	ND	1.0	1		ppb (v/v)	1,3,5-Trimethylbenzene	ND	0.5	1		ppb (v/v)
c-1,2-Dichloroethene	ND	0.5	1		ppb (v/v)	1,2,4-Trimethylbenzene	ND	0.5	1		ppb (v/v)
Chloroform	ND	0.5	1		ppb (v/v)	Benzyl Chloride	ND	0.5	1		ppb (v/v)
1,2-Dichloroethane	ND	0.5	1		ppb (v/v)	1,3-Dichlorobenzene	ND	0.5	1		ppb (v/v)
1,1,1-Trichloroethane	ND	0.5	1		ppb (v/v)	1,4-Dichlorobenzene	ND	0.5	1		ppb (v/v)
Benzene	ND	0.5	1		ppb (v/v)	1,2-Dichlorobenzene	ND	0.5	1		ppb (v/v)
Carbon Tetrachloride	ND	0.5	1		ppb (v/v)	1,2,4-Trichlorobenzene	ND	0.5	1		ppb (v/v)
1,2-Dichloropropane	ND	0.5	1		ppb (v/v)	Hexachloro-1,3-Butadiene	ND	0.5	1		ppb (v/v)
Bromodichloromethane	ND	0.5	1		ppb (v/v)	Methyl-tert-Butyl Ether	ND	2.0	1		ppb (v/v)
c-1,3-Dichloropropene	ND	0.5	1		ppb (v/v)						

06/02/2009

RL - Reporting Limit

DF - Dilution Factor

Qual - Qualifiers

TRC Environmental Solutions, Inc.
21 Technology Drive
Irvine, CA 92618

Date Received:
Work Order No:
Preparation:
Method:

04/23/99
99-04-0753
N/A
EPA TO-15

Project: BNSF/96-187

LCS Sample Number	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-690	Air	GC/MS E	N/A	04/27/99	K990427A

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	103	103	60-140	0	0-30	
1,2-Dichloroethane	101	101	60-140	1	0-30	
Benzene	98	99	60-140	1	0-30	
Carbon Tetrachloride	92	91	60-140	0	0-30	
1,2-Dichloropropane	98	98	60-140	0	0-30	
c-1,3-Dichloropropene	102	102	60-140	0	0-30	
1,1,2-Trichloroethane	102	102	60-140	1	0-30	
1,2-Dibromoethane	102	104	60-140	2	0-30	
Trichloroethene	99	100	60-140	1	0-30	
Tetrachloroethene	100	102	60-140	2	0-30	
Bromoform	105	107	60-140	1	0-30	
1,4-Dichlorobenzene	108	108	60-140	1	0-30	
1,2-Dichlorobenzene	111	110	60-140	1	0-30	
Methyl-tert-Butyl Ether	110	111	60-140	1	0-30	

06/02/2009

STATE OF CALIFORNIA -- BUSINESS TRANSPORTATION AND HOLDING AGENCY

GRAY DAVIS, Governor

DEPARTMENT OF TRANSPORTATION

404 W. 4th Street, 3rd Floor
San Bernardino, CA 92401-1400
(909) 383-4561

May 5, 1999

Mr. Robert Holub
Sr. Water Resources Control Engineer
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

Project / Fax No.	7871	Date	6/28/99
From	Robert Holub	To	Caltrans
On	LA 010-408	Phone	383-5919
Fax	781-6288	Fax	383-5775

RE Request for Policy on Liability

The Department of Transportation (Caltrans), District 8, San Bernardino Office is currently processing an Environmental Impact Report/Statement (EIR/EIS) for a freeway improvement project located on the I-215 freeway from junction of Interstate 10 to State Route 30 in the City of San Bernardino.

The project includes the construction of additional lanes and frontage roads which will require acquisition of several parcels adjacent to the current freeway right of way. Caltrans has investigated several parcels which were identified as having potential hazardous waste concerns. The investigations detected no significant contamination in soils or groundwater.

The north portion of the project is located within the limits of the Newmark Groundwater Contamination Superfund Site and the southern end may be within the limits of the Burlington Northern Santa Fe (BNSF) Groundwater Contamination Plume. Caltrans does not anticipate acquisition of properties considered to be the source of the contamination plumes for project construction, but will require acquisition where the contaminated aquifer may have migrated beneath innocent properties.

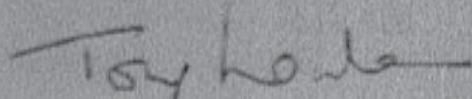
A letter from the Board is requested regarding policy on liability for owners of property above contaminated aquifers associated with the BNSF Groundwater Contamination Plume. As potential owners of these types of properties, Caltrans would like to confirm the Board's position that where hazardous substances have come to be located on or in a property solely as the result of subsurface migration in an aquifer from a source or sources outside of the property, that no enforcement action will be taken against the owner of such property to require the performance of response actions or the payment of response costs.

06/02/2009

Mr. Robert Houli
May 5, 1999
Page 2

Your response at your earliest convenience is greatly appreciated. Please call me at (909) 383-6385 or Rosanna Roca at (909) 383-6917 if you have any questions regarding this request.

Sincerely,



TONY LOUKA
Environmental Engineering Chief

cc: Sumner Baker, Env. Planning

06/02/2009

July 7, 1999

Mr. Tony Louka
Environmental Engineering Chief
Department of Transportation
464 W. 4th Street, 6th Floor
San Bernardino, CA 92401-1400

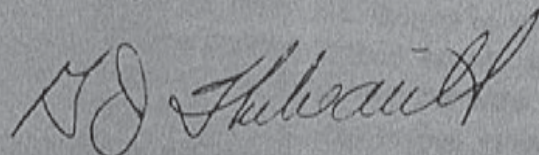
ENVIRONMENTAL LIABILITY CONCERNING PROPERTY OVERLYING THE BURLINGTON
NORTHERN SANTA FE (BNSF) GROUNDWATER PLUME

Dear Mr. Louka:

This is in response to your May 5, 1999 letter requesting our policy on liability for owners of property above groundwater impacted by contaminants from the BNSF facility in the City of San Bernardino. In general, the Regional Board does not pursue enforcement actions against a property owner whose land overlies contaminated groundwater if that contamination is solely the result of migration of groundwater contaminants from an off-site source. Accordingly, the Regional Board would generally not name the current or future owners of the property as dischargers with respect to groundwater contamination from off-site sources. An exception to this would occur should the owner of the property refuse to provide reasonable access to upgradient or crossgradient dischargers attempting to investigate or clean up off-site groundwater contamination.

If you have any questions, please contact Robert L. Holub, Chief of our SLIC Section, at (909) 782-3298.

Sincerely,



Gerard J. Thibeault
Executive Officer

KS:caltrans.policy

06/02/2009

California Environmental Protection Agency

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION
8809 INDIANA AVENUE, SUITE 200
RIVERSIDE, CALIFORNIA 92506
PHONE: (714) 782-4130



July 12, 1988

Mr. Q. W. Torpin, General Manager
Atchison, Topeka and Santa Fe Railway Co.
One Santa Fe Plaza
5200 East Sheila Street
Los Angeles, CA 90040

Attention: Mr. W. D. Stewart

CLEANUP AND ABATEMENT ORDER NO. 88-80

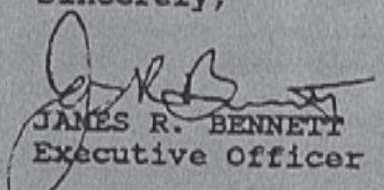
Dear Mr. Torpin:

Enclosed is a certified copy of Cleanup and Abatement Order No. 88-80 as adopted by the Board on July 8, 1988. The Order reflects revisions that were incorporated after discussions between your staff and Regional Board staff in a July 5, 1988 meeting.

Item No. 2 of the Order requires that a report describing past use of solvents at the site be submitted by September 8, 1988. Further, the first monthly status report must be submitted by August 30, 1988, and should discuss the work performed in July.

If you have any questions, please call Dixie Lass or Celia Fitzgerald of our Subchapter 15/Landfill Section.

Sincerely,


JAMES R. BENNETT
Executive Officer

cc: Jon W. Kindschy, San Bernardino County DEHS

CCF/trans2

06/02/2009

A.T.&S.F. RAILWAY

JUL 14 1988

MANAGER
WESTERN REGION

California Regional Water Quality Control Board
Santa Ana Region

Cleanup and Abatement Order No. 88-80
for
The Atchison, Topeka and Santa Fe Railway Company
San Bernardino, San Bernardino County

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter Board), finds that:

1. The Atchison, Topeka and Santa Fe Railway Company (hereinafter ATSF), currently owns and operates an engine and railcar maintenance yard, known as the San Bernardino Railyard, at 1260 West 3rd Street, San Bernardino, San Bernardino County, as shown in Attachment 'A' which is made a part of this order.
2. ATSF has operated this facility as both a depot and a maintenance facility. Currently, the prime work activities performed at the site include the dismantling, cleaning and rebuilding of locomotives. As part of these maintenance activities, degreasing solvents, including tetrachloroethylene (PCE), have been used historically at the site.
3. In June 1984, City of San Bernardino Water Department staff observed the presence of fuel oil in a monitoring well at a depth of 25 feet. In response to this, Regional Board staff met with ATSF representatives at the San Bernardino Railyard on June 27, 1984 and inspected the site. During this inspection, staff noticed that the various solvents used at the facility were improperly handled, stored and disposed of by ATSF employees. In a letter dated July 19, 1984, staff requested that ATSF provide information on the storage and disposal practices followed at the facility and a work plan to investigate and clean up the fuel oil found in the monitoring well.
4. On July 25, 1984, staff received from the City of San Bernardino the analyses of water samples collected from the well at the site and from an off-site well, southeast of the site. Both water samples were analyzed for chlorinated hydrocarbons. The results from the on-site well showed trichloroethylene (TCE) at 22.54 parts per billion (ppb) and tetrachloroethylene (PCE) at 146.42 ppb. The results from the off-site well did not show any of these constituents.

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5. In August 1984, the effluent from the ATSF wastewater treatment facility was sampled for volatile organics by the City of San Bernardino. This wastewater is discharged to the City of San Bernardino sewer system. The analysis of the effluent from the ATSF wastewater treatment facility showed concentrations of trichloroethane (TCA) at 32 ppb, methylene chloride at 1900 ppb and toluene at 51 ppb.

6. A report dated October 25, 1984 was submitted by ATSF in response to the July 19, 1984 letter from the Board. In this report, ATSF stated that "spillage and overspray" of the "fuels, lubricants and paints" occur at the site and that the use of other chemicals may result in "runoff onto surrounding soil." The report discussed the performance of the ATSF wastewater treatment plant and included the results of the treatment plant's effluent collected for fourteen consecutive days in August 1984. Analyses of the effluent showed that concentrations of TCE ranged from non-detectable to 16.0 ppb, TCA ranged from non-detectable to 100 ppb and PCE ranged from 5.6 to 146 ppb. The presence of these solvents in the wastewater confirms the use of these materials by ATSF.

7. A letter dated December 14, 1984, was sent to ATSF by Board staff, again requesting that a workplan be submitted to investigate the presence of fuel oil and to determine the source of the fuel oil contamination. Monthly progress reports were also requested.

8. In February 1985, ATSF submitted a proposal to install ground water observation wells and investigate the ground water contamination present at the site. In March 1985, the results of this investigation were submitted to the Regional Board. Nine soil borings (SB-1 through SB-9) were drilled to depths of 11.5 to 21.5 feet; five observation wells (OW-2, -4, -5, -7 and -8) were drilled to depths of 54.5 to 60 feet; and two deep monitoring wells (OW-3 and -6) were drilled to depths of 140 and 135 feet, respectively. Approximately 1/4 inch of floating fuel was observed in OW-4. Ground water samples from OW-2, -3, -4, -5 and -6 were collected and analyzed and no dissolved aromatic petroleum compounds were detected. The samples were not analyzed for chlorinated solvents.

9. The March 1985 monthly monitoring report provided information on the effluent discharged from the ATSF wastewater treatment plant to the City of San Bernardino's sewer system. Weekly effluent samples from the ATSF treatment facility were collected and averaged on a monthly basis, and the results indicated that ATSF continued to discharge wastewater containing solvents to the City of San Bernardino's sewer system. The monthly results from

06/02/2009

November 1984 to January 1985 showed that TCA ranged from 22 ppb to 6,904 ppb, PCE ranged from 50 ppb to 4,242 ppb, and TCE ranged from 7 ppb to 1,150 ppb.

10. Ground water samples collected in May 1985 from the observation wells were analyzed for chlorinated hydrocarbons. The results showed methylene chloride at levels ranging from non-detectable to 18 ppb, TCE at levels from non-detectable to 288 ppb, PCE at levels from non-detectable to 5 ppb and toluene at levels ranging from 2.2 ppb to 21 ppb.

11. In September 1986, as part of an investigation of a leaking underground gasoline tank at a service station, located downgradient of the ATSF site, seven monitoring wells were analyzed for chlorinated hydrocarbons. PCE was found in concentrations ranging from non-detectable to 1600 ppb and TCE was found at levels from non-detectable to 400 ppb.

12. In January 1988, wastewater and sediment samples were collected from two surface impoundments at the site to determine if the impoundments are subject to the Toxic Pits Cleanup Act (TPCA). The level of TCE contamination found in the sediment samples ranged from non-detectable to 6800 ppb and PCE was not detected in any of the sediment samples analyzed. The concentration of PCE contamination found in the waste water samples ranged from 120 ppb to 190 ppb and the concentration of TCE found ranged from 230 ppb to 360 ppb.

13. In September 1987, four soil borings and three monitoring wells (MW-9, MW-10 and MW-12), were installed by ATSF in an attempt to characterize the ground water contamination present at the site. Analyses of the soil from boring B-11 showed PCE at concentrations of 1,997 ppb (at depths of 12 - 12.5 feet) and 41 ppb (at a depth of 19 feet). A survey of the ground water levels in these monitoring wells indicated a direction of ground water flow to the southeast. In April 1988, ATSF installed two additional monitoring wells (MW-11 and MW-13) at the site. Ground water samples were collected both in September 1987 and in April 1988. The maximum contaminant levels found in each of the monitoring wells were:

Monitoring Well No.	Trichloroethylene (TCE) ug/l (ppb)	Tetrachloroethylene (PCE) ug/l (ppb)
9	3	3
10	1,036	1
11	140	(ND=not detected) ND
12	ND	1
13	150	31

06/02/2009

Split samples from MW-10 obtained by staff in September 1987 showed concentrations of PCE at 820 ppb and TCE at non-detectable concentrations. The State Department of Health Services Recommended Drinking Water Action Level for TCE is 5.0 ug/l (ppb) and for PCE is 4.0 ug/l (ppb).

14. The ATSF property is located in the N1/2 of Sections 8 and 9, T1S, R4W, SBB&M, and overlies the Bunker Hill I Ground Water Subbasin, the beneficial uses of which include:

- a. Municipal and domestic supply,
- b. Agricultural supply,
- c. Industrial service supply, and
- d. Industrial process supply.

15. ATSF has caused or permitted wastes to be discharged into waters of the State such that these wastes are creating, or are threatening to create, a condition of nuisance or pollution.

16. This action is being taken by a regulatory agency to enforce a water quality law. Such action is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21100 et seq.) in accordance with Section 15321, Chapter 3, Title 14, California Code of Regulations.

IT IS HEREBY ORDERED that, pursuant to Section 13304, Division 7, of the California Water Code, ATSF shall:

1. Abate any effects resulting from discharges of degreasing solvents at the subject site and take appropriate steps to mitigate any potential effects resulting from the discharges.
2. By September 8, 1988, submit a report describing the past use of solvents at this site. This report shall discuss the type and quantity of the solvents used, identify the locations where each solvent was used and describe the disposal methods practiced at the site. Also, the report shall include the results of any field investigations completed to date that would aid in identifying the locations of contaminated source areas at the site.
3. By September 22, 1988, submit a work plan for the installation of additional monitoring wells to more accurately define the lateral extent of the contamination in the shallow aquifer. The work plan must address both on-site and off-site areas and describe the locations, depths and construction details

05/02/2009

of the proposed additional monitoring wells. The work plan must also include shallow soil borings to fully characterize any remaining soil contamination. The work plan must include a time schedule for all field activities, sampling, and the submission of a final report.

4. Implement the work plan submitted pursuant to Item 3, above, in accordance with the time schedule approved by the Executive Officer.

5. Within 20 days of approval by the Executive Officer of the work plan submitted in accordance with Item No. 3 above, submit a ground water sampling and analysis plan. The plan shall identify key monitoring wells to be sampled on a monthly basis (including wells installed pursuant to Item No. 3 above, as appropriate) and shall include at least semiannual sampling for all monitoring wells. The plan shall describe sample collection and preservation techniques, analytical methods, and laboratories to be used.

6. Implement the ground water sampling and analysis plan submitted in accordance with Item 5, above, within 20 days of approval by the Executive Officer. The details of the sampling and analysis plan may be modified by the Executive Officer at any time.

7. Within 60 days of completion of the work required by Item 4, above, submit a work plan for the installation of additional monitoring wells to detect and characterize (or verify the absence of) any contamination of the deeper aquifer as a result of the discharges at the subject site. The work plan must describe the locations, depths and construction details of the proposed additional monitoring wells. The work plan must also describe appropriate drilling and well construction methods to prevent any cross-contamination of the aquifers. The work plan must include a time schedule for all field activities, sampling and the submission of a final report.

8. Implement the workplan submitted pursuant to Item 7, above, in accordance with the time schedule approved by the Executive Officer.

9. Within 60 days of notification by the Executive Officer, submit a plan for a ground water extraction and treatment system for the shallow aquifer. Such notification shall occur when the additional investigation and/or sampling and analysis program conducted pursuant to Items 4 and 6 above, indicate that the

06/02/2009

subject of investigation in the previous month. The plan shall also include a time schedule for the installation of any necessary ground water extraction wells, a treatment system, and appropriate facilities necessary for the operation of the system.

10. Implement the ground water cleanup plan submitted pursuant to Item 9, above, in accordance with the time schedule approved by the Executive Officer.

11. Submit a report to the Board by the thirtieth (30th) day of each month describing the status of the site investigation and cleanup activities and any significant findings or developments that occurred during the previous month. The monthly report shall also include the analytical results for all samples collected during the previous month in accordance with Item 8, above, and an interpretation of these data.

12. Implement the deeper aquifer ground water cleanup plan submitted pursuant to Item 11, above, in accordance with the time schedule approved by the Executive Officer.

13. Submit a report to the Board by the thirtieth (30th) day of each month describing the status of the site investigation and cleanup activities and any significant findings or developments that occurred during the previous month. The monthly report shall also include the analytical results for all samples collected during the previous month in accordance with Item 8, above, and an interpretation of these data.

14. In the opinion of the Executive Officer, this order is not complied with in a reasonable and timely manner, this matter will be referred to the Board for the imposition of administrative civil liability or referral to the Attorney General for imposition of judicial liability, as provided by law.

06/02/2009

extent of contamination in the shallow aquifer has been defined adequately to determine the scope of necessary remedial actions. The plan shall include a proposal for the evaluation of the effectiveness of the system. The plan shall also include a time schedule for the installation of any necessary ground water extraction wells, a treatment system, and appurtenant facilities necessary for the operation of the system.

10. Implement the ground water cleanup plan submitted pursuant to Item 9, above, in accordance with the time schedule approved by the Executive Officer.

11. Within 60 days of notification by the Executive Officer, submit a plan for a ground water extraction and treatment system for the deeper aquifer. Such notification shall occur if the investigation for the deeper aquifer conducted pursuant to Item 8, above, indicates that contamination of the deeper aquifer has occurred. The plan shall include a proposal for the evaluation of the effectiveness of the system. The plan shall also include a time schedule for the installation of any necessary deep ground water extraction wells, a treatment system, and appurtenant facilities necessary for the operation of the system.

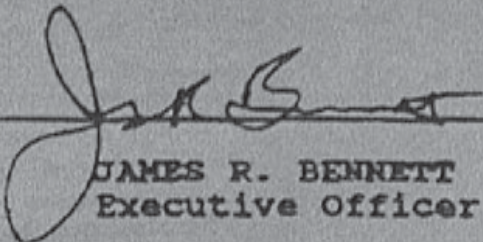
12. Implement the deeper aquifer ground water cleanup plan submitted pursuant to Item 11, above, in accordance with the time schedule approved by the Executive Officer.

13. Submit a report to the Board by the thirtieth (30th) day of each month describing the status of the site investigation and cleanup activities and any significant findings or developments that occurred during the previous month. The monthly report shall also include the analytical results for all samples collected during the previous month in accordance with Item 5, above, and an interpretation of these data.

If, in the opinion of the Executive Officer, this order is not complied with in a reasonable and timely manner, this matter will be referred to the Board for the imposition of administrative civil liability or referral to the Attorney General for imposition of judicial liability, as provided by law.

06/02/2009

I, James R. Bennett, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on July 8, 1988.



JAMES R. BENNETT
Executive Officer

06/02/2009

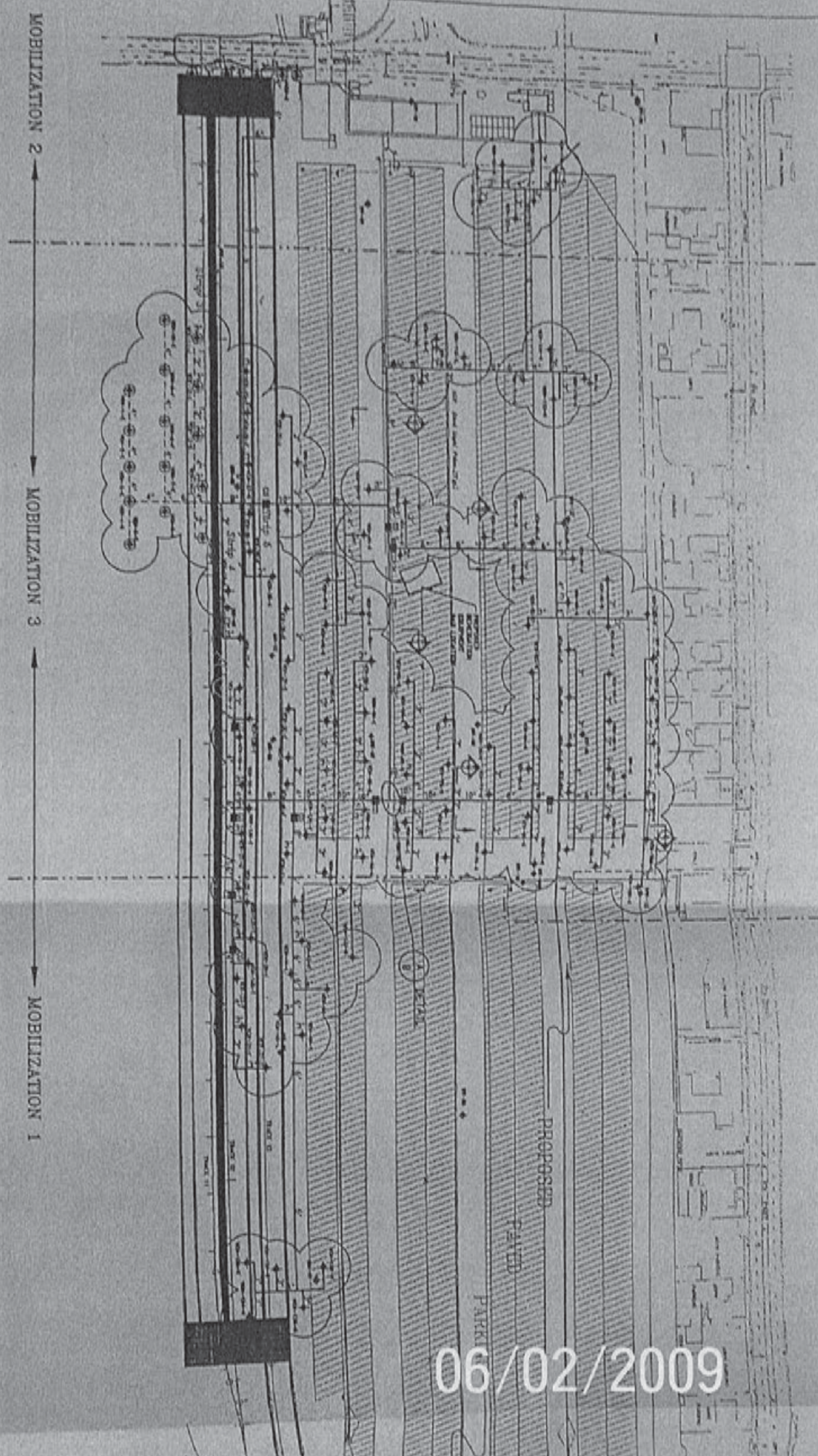
06/02/2009

SITE

SAN BERNARDINO

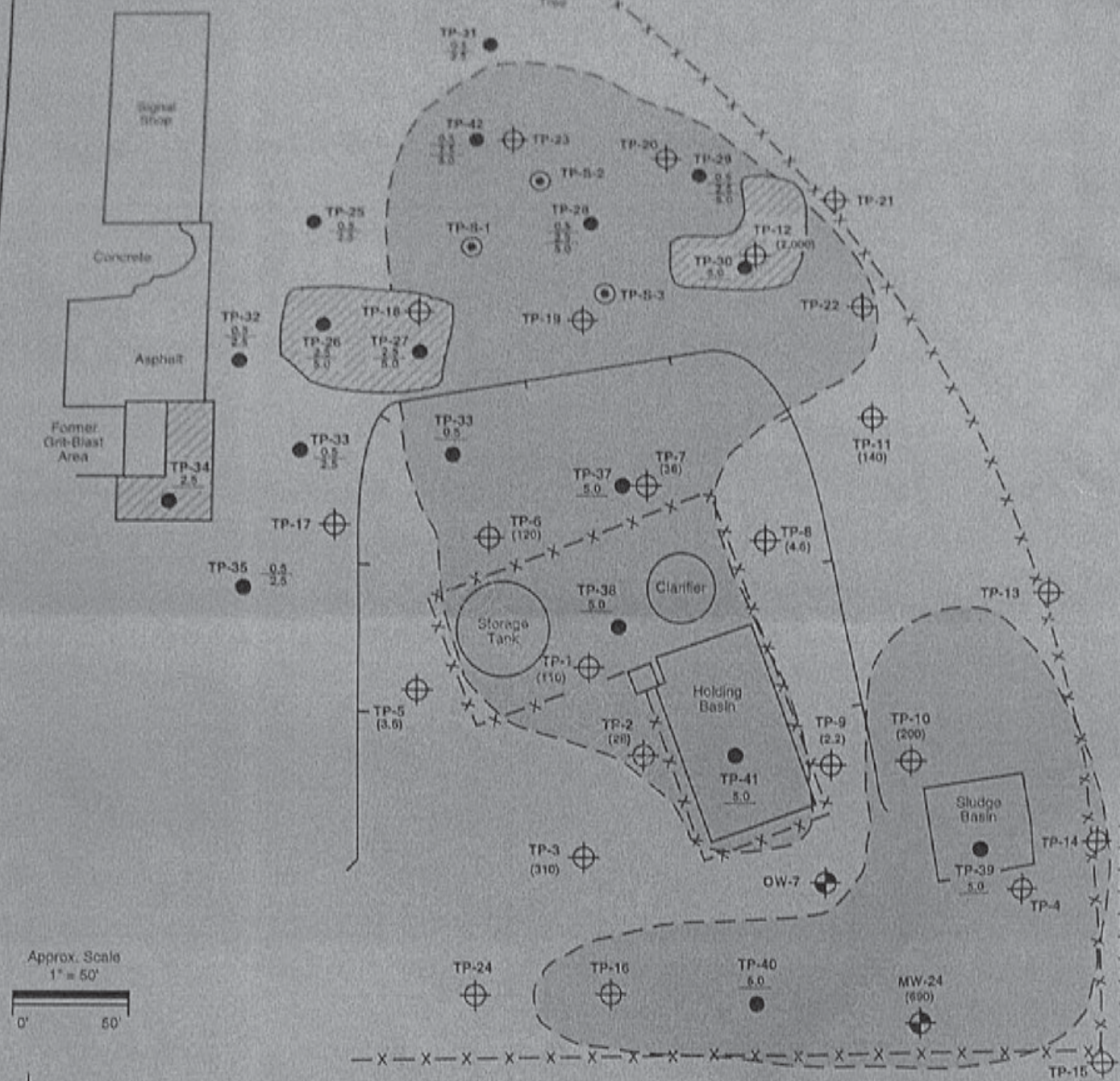
Attachment "A"
Order No. 88-80
Page 8

06/02/2009



1. THE PROPOSED INTERPOLAR FACILITY, BALANCE SHEET/OBJECT AND ADJUST.1
2. HAVING LIT FIRST VOR PROVIDES IT FOR DISPOSABLE AND
3. IN FEBRUARY 1981
4. LOCATION OF THE FACILITIES AND DATA POINTS ARE APPROXIMATE
5. LOCATED VOR-004-1, 005-1, 006-1, 007-1, 008-1, 009-1, 010-1, 011-1, 012-1, 013-1, 014-1, 015-1, 016-1, 017-1, 018-1, 019-1, 020-1, 021-1, 022-1, 023-1, 024-1, 025-1, 026-1, 027-1, 028-1, 029-1, 030-1, 031-1, 032-1, 033-1, 034-1, 035-1, 036-1, 037-1, 038-1, 039-1, 040-1, 041-1, 042-1, 043-1, 044-1, 045-1, 046-1, 047-1, 048-1, 049-1, 050-1, 051-1, 052-1, 053-1, 054-1, 055-1, 056-1, 057-1, 058-1, 059-1, 060-1, 061-1, 062-1, 063-1, 064-1, 065-1, 066-1, 067-1, 068-1, 069-1, 070-1, 071-1, 072-1, 073-1, 074-1, 075-1, 076-1, 077-1, 078-1, 079-1, 080-1, 081-1, 082-1, 083-1, 084-1, 085-1, 086-1, 087-1, 088-1, 089-1, 090-1, 091-1, 092-1, 093-1, 094-1, 095-1, 096-1, 097-1, 098-1, 099-1, 100-1, 101-1, 102-1, 103-1, 104-1, 105-1, 106-1, 107-1, 108-1, 109-1, 110-1, 111-1, 112-1, 113-1, 114-1, 115-1, 116-1, 117-1, 118-1, 119-1, 120-1, 121-1, 122-1, 123-1, 124-1, 125-1, 126-1, 127-1, 128-1, 129-1, 130-1, 131-1, 132-1, 133-1, 134-1, 135-1, 136-1, 137-1, 138-1, 139-1, 140-1, 141-1, 142-1, 143-1, 144-1, 145-1, 146-1, 147-1, 148-1, 149-1, 150-1, 151-1, 152-1, 153-1, 154-1, 155-1, 156-1, 157-1, 158-1, 159-1, 160-1, 161-1, 162-1, 163-1, 164-1, 165-1, 166-1, 167-1, 168-1, 169-1, 170-1, 171-1, 172-1, 173-1, 174-1, 175-1, 176-1, 177-1, 178-1, 179-1, 180-1, 181-1, 182-1, 183-1, 184-1, 185-1, 186-1, 187-1, 188-1, 189-1, 190-1, 191-1, 192-1, 193-1, 194-1, 195-1, 196-1, 197-1, 198-1, 199-1, 200-1, 201-1, 202-1, 203-1, 204-1, 205-1, 206-1, 207-1, 208-1, 209-1, 210-1, 211-1, 212-1, 213-1, 214-1, 215-1, 216-1, 217-1, 218-1, 219-1, 220-1, 221-1, 222-1, 223-1, 224-1, 225-1, 226-1, 227-1, 228-1, 229-1, 230-1, 231-1, 232-1, 233-1, 234-1, 235-1, 236-1, 237-1, 238-1, 239-1, 240-1, 241-1, 242-1, 243-1, 244-1, 245-1, 246-1, 247-1, 248-1, 249-1, 250-1, 251-1, 252-1, 253-1, 254-1, 255-1, 256-1, 257-1, 258-1, 259-1, 260-1, 261-1, 262-1, 263-1, 264-1, 265-1, 266-1, 267-1, 268-1, 269-1, 270-1, 271-1, 272-1, 273-1, 274-1, 275-1, 276-1, 277-1, 278-1, 279-1, 280-1, 281-1, 282-1, 283-1, 284-1, 285-1, 286-1, 287-1, 288-1, 289-1, 290-1, 291-1, 292-1, 293-1, 294-1, 295-1, 296-1, 297-1, 298-1, 299-1, 300-1, 301-1, 302-1, 303-1, 304-1, 305-1, 306-1, 307-1, 308-1, 309-1, 310-1, 311-1, 312-1, 313-1, 314-1, 315-1, 316-1, 317-1, 318-1, 319-1, 320-1, 321-1, 322-1, 323-1, 324-1, 325-1, 326-1, 327-1, 328-1, 329-1, 330-1, 331-1, 332-1, 333-1, 334-1, 335-1, 336-1, 337-1, 338-1, 339-1, 340-1, 341-1, 342-1, 343-1, 344-1, 345-1, 346-1, 347-1, 348-1, 349-1, 350-1, 351-1, 352-1, 353-1, 354-1, 355-1, 356-1, 357-1, 358-1, 359-1, 360-1, 361-1, 362-1, 363-1, 364-1, 365-1, 366-1, 367-1, 368-1, 369-1, 370-1, 371-1, 372-1, 373-1, 374-1, 375-1, 376-1, 377-1, 378-1, 379-1, 380-1, 381-1, 382-1, 383-1, 384-1, 385-1, 386-1, 387-1, 388-1, 389-1, 390-1, 391-1, 392-1, 393-1, 394-1, 395-1, 396-1, 397-1, 398-1, 399-1, 400-1, 401-1, 402-1, 403-1, 404-1, 405-1, 406-1, 407-1, 408-1, 409-1, 410-1, 411-1, 412-1, 413-1, 414-1, 415-1, 416-1, 417-1, 418-1, 419-1, 420-1, 421-1, 422-1, 423-1, 424-1, 425-1, 426-1, 427-1, 428-1, 429-1, 430-1, 431-1, 432-1, 433-1, 434-1, 435-1, 436-1, 437-1, 438-1, 439-1, 440-1, 441-1, 442-1, 443-1, 444-1, 445-1, 446-1, 447-1, 448-1, 449-1, 450-1, 451-1, 452-1, 453-1, 454-1, 455-1, 456-1, 457-1, 458-1, 459-1, 460-1, 461-1, 462-1, 463-1, 464-1, 465-1, 466-1, 467-1, 468-1, 469-1, 470-1, 471-1, 472-1, 473-1, 474-1, 475-1, 476-1, 477-1, 478-1, 479-1, 480-1, 481-1, 482-1, 483-1, 484-1, 485-1, 486-1, 487-1, 488-1, 489-1, 490-1, 491-1, 492-1, 493-1, 494-1, 495-1, 496-1, 497-1, 498-1, 499-1, 500-1, 501-1, 502-1, 503-1, 504-1, 505-1, 506-1, 507-1, 508-1, 509-1, 510-1, 511-1, 512-1, 513-1, 514-1, 515-1, 516-1, 517-1, 518-1, 519-1, 520-1, 521-1, 522-1, 523-1, 524-1, 525-1, 526-1, 527-1, 528-1, 529-1, 530-1, 531-1, 532-1, 533-1, 534-1, 535-1, 536-1, 537-1, 538-1, 539-1, 540-1, 541-1, 542-1, 543-1, 544-1, 545-1, 546-1, 547-1, 548-1, 549-1, 550-1, 551-1, 552-1, 553-1, 554-1, 555-1, 556-1, 557-1, 558-1, 559-1, 560-1, 561-1, 562-1, 563-1, 564-1, 565-1, 566-1, 567-1, 568-1, 569-1, 570-1, 571-1, 572-1, 573-1, 5





Approx. Scale
1" = 50'
0' 50'

ERM-West, Inc.
1966 20 EATON ST.

Legend

- | | | | |
|-------|---|--------|---|
| MW-24 | Abandoned Ground Water Monitoring Well | TP-S-1 | Surface Soil Sample Location (June 1997) |
| TP-1 | Soil Boring (1993/1994) | | Approximate Area with Soils Containing TRPH Concentrations Greater Than 1,000 mg/kg |
| TP-10 | Concentration of Total Lead at 1.5 feet bgs | -X- | Fence |
| | Soil Excavation Area | + | Railroad Tracks |
| TP-38 | Proposed Soil Sample Location | | |

FIGURE 1
Proposed Soil Sample Locations
Former IWWTP Area
BNSF Railyard
San Bernardino, California



CITY OF

San Bernardino

DEPARTMENT OF PLANNING AND BUILDING SERVICES
MICHAEL E. HAYS
DIRECTOR

December 9, 1996

Mr. Jeff Geier
Ragnar Benson, Inc.
250 South Northwest Highway
Park Ridge, Illinois 60068

Rush
NOA
Board Order
CAO 88-80
(PCE, TCE, etc.)

*Re: Santa Fe Site
Historical Santa
Fe Yard
San Bernardino*

RE: Development Permit I (DPI) No. 96-88 - A proposal to construct a 68 ft. by 64 ft. (4,352 S.F.) pre-engineered metal building for purposes of housing remediation equipment for a period of 5-10 years. The remediation activities will include soil and ground water clean up in accordance with the Local Oversight Program [administered by the California Regional Water Quality Control Board (RWQCB), Santa Ana Region) and required by Development Permit II No. 94-24/Demolition No. 93-01, Mitigation Measure No. 4.4.3.1. The site is located between "I" Street and Mt. Vernon Avenue approximately 400 ft. south of the 5th Street property line and in the middle of the existing BNSF Intermodal site parking lot. (APN 138-221-05)

North 3rd Street

Dear Mr. Geier:

The Planning staff has completed its review of your Development Permit Application (referenced) and approved the application based upon the Findings of Fact found in Development Code §19.44.060 and subject to all applicable Conditions of Approval for DPII No. 94-24 and the following Conditions of Approval:

1. Commencement of construction of the site shall have occurred prior to the expiration date for DPII No. 94-24 or the permit/approval shall become null and void. In addition, if after commencement of construction, work is discontinued for a period of one year, then the permit/approval shall become null and void.

Project: Development Permit I No. 96-88
Expiration Date: June 12, 1997

The review authority may, upon application being filed 30 days prior to the expiration date and for good cause, grant one time extension not to exceed 12 months. The review

06/02/2009

Mr. Jeff Geier Letter (Continued)
RE: Approval of DPI No. 96-88
December 9, 1996
Page 2

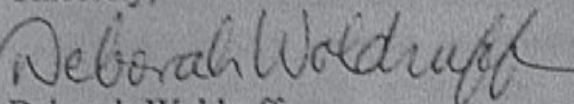
authority shall ensure that the project complies with all current Development Code provisions.

2. Prior to issuance of any building permits, the applicant shall provide the Department of Planning and Building Services with copies of any permits or approvals required by and obtained from the RWQCB and DEHS (as applicable) for purposes of interagency coordination.
3. The project shall comply with all applicable requirements of the Development Services Division, Public Works Department and Fire Department.

Decisions of the Director can be appealed to the Planning Commission (Development Code §19.52.090). The fifteen (15) day appeal period began on Monday, December 9, 1996 and will end on Thursday, January 2, 1997. Please note that the appeal period is extended due to the closure of City Hall during the holidays. If no appeal of this decision is filed during the appeal period, you may submit to the Plan Check Section for Building Permits pending compliance with all other applicable City requirements.

If you have any questions or concerns regarding the review and approval of your application (DPI 96-88), please feel free to contact me at (909) 384-5057.

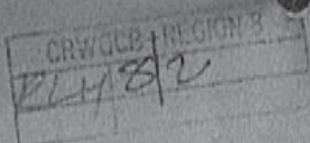
Sincerely,


Deborah Woldruff
Associate Planner

Enclosure: Approved Plans (*Received Copy of Approved Plans)

cc: Nancy Olson-Martin	Catherine Richards
California Regional Water	County of San Bernardino
Quality Control Board,	Department of Environmental
Division 8	Health Services
2010 Iowa Avenue, Ste. 100	385 North Arrowhead Avenue
Riverside, CA 92507-2409	San Bernardino, CA 92415
Sandra Paulsen, Senior Planner	Mark Hinkley, Plan Check Engineer*
Paul Allaire, Fire Inspector	Michael Grubbs, Senior Civil Engineer*

06/02/2009
Case Files: DPI No. 96-88* & DPII No. 94-24*



July 31, 1996 PM 3:16

Mr. Curtis Armstrong
County of San Bernardino
Department of Environmental Health Services
385 North Arrowhead Avenue
San Bernardino, California 92415 - 0160

Mr. Robert Holub
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501

SUBJECT: Tank Closure Report
UST Removal Activities
Santa Fe San Bernardino Railyard

Dear Mr. Armstrong and Mr. Holub:

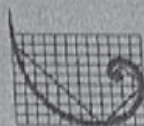
Recent soil remediation and redevelopment activities at the Burlington Northern Santa Fe (Santa Fe) San Bernardino Railyard revealed the presence of an abandoned underground storage tank (UST). The UST was located in the southeastern portion of the former Diesel Shops area, approximately 75 feet east of the former Oil House.

The UST was removed under a permit issued by the San Bernardino County Fire Department, Hazardous Materials Division (SBCFD). Tank removal activities were performed by State Environmental Management, Inc., (State), under the direction of Santa Fe's contractor, Hazpak, Inc. On behalf of Santa Fe, ERM-West, Inc., (ERM) witnessed the removal activities on May 21, 1996. ERM also reviewed the data generated by soil sampling conducted by State under the direction of the SBCFD. Enclosed is a copy of the June 21, 1996 *Tank Closure Report* prepared by State.

Soil remediation activities at the San Bernardino Railyard are being conducted under the guidance of the California Regional Water Quality Control Board - Santa Ana Region (RWQCB) in partial fulfillment of Cleanup and Abatement Order (CAO) Number 88-80, issued by the RWQCB on July 8, 1988. The extent of impacted soils in the vicinity of the former UST has been assessed by a previous subsurface investigation conducted by ERM and documented in ERM's December 1993 report, *Remedial Investigation of Shallow Soils*. As part of the

ERM-West, Inc.

1920 Main Street
Suite 600
Irvine, CA 92714
(714) 476-3040
(714) 476-3053 (Fax)



ERM

06/02/2009

Mr. Curtis Armstrong
Mr. Robert Holub
July 31, 1996

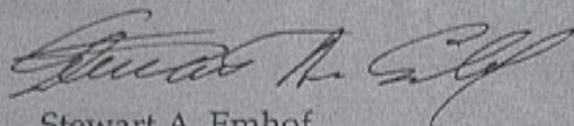
Page 2

ongoing soil remediation activities, an in situ soil vapor extraction system is being constructed to treat impacted subsurface soils, including the impacted soils below and surrounding the removed UST.

On behalf of Santa Fe, ERM will be pleased to assist in any questions you may have related to the activities described in the enclosed report by contacting the undersigned at (714) 476-3040.

Sincerely,

ERM-WEST, INC.



Stewart A. Emhof
Senior Project Manager

SAE/gmm/2037.77

Enclosure

cc: (without enclosure)
Mr. Mick Hardin, Santa Fe
Mr. Stephen Harwell, Hazpak
Mr. Robert Kalchthaler, Jr., ERM

06/02/2009

11/4/2
GST 8/2
KWB 3/5
KCH 8/1
FILE

Upper Santa Ana Water Resources Association

Mailing Address:
P.O. Box 3427
San Bernardino, CA 92413

July 29 1996

Phone (714) 889-9501
(714) 875-1804

Gerald J. Thibeault
Executive Officer
California Regional Water Quality Control Board, Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

Dear Mr. Thibeault:

RE: Santa Fe Groundwater Plume - Water Supply Contingency Plan

The Upper Santa Ana Water Resources Association (USAWRA) appreciates the efforts of the Regional Board in overseeing work plans from Atchison Topeka and Santa Fe Railroad Company (ATSF). The Regional Board has identified ATSF as the potentially responsible party (PRP) for the Santa Fe groundwater plume. Santa Fe groundwater plume threatens about 70% of the City of Colton's municipal wells within the Bunker Hill groundwater basin.

However, USAWRA is concerned about the slow pace of ATSF's investigations, which has been compounded by declining water levels. USAWRA is very concerned about the lack of measures to effectively and comprehensively contain and/or remediate the migrating groundwater plume. In particular, USAWRA is concerned that ATSF has not developed a Water Supply Contingency Plan (WSCP) for the City of Colton.

We realize that the Board has typically called on a PRP to develop WSCP when there is imminent danger of contamination spreading to municipal wells. Our experience suggests that it takes more than two years of delicate negotiations to develop a WSCP. As such, we request that the Board direct ATSF to develop a WSCP as soon as practicable. Such a WSCP is needed to protect the residents of Colton from being financially responsible for the costs of treating and/or replacing contaminated groundwater. We believe it is very prudent for ATSF to negotiate a WSCP before Colton's wells are severely impacted.

USAWRA is also concerned that the Santa Fe groundwater plume has not been completely delineated. We understand that falling groundwater levels are partially responsible for the situation. In addition, we understand that the Regional Board's staff that initially supervised the project has not been replaced. We request that the Regional Board obtain funding from ATSF to staff the project on a continuous basis. USAWRA also requests that the Regional Board ensures that ATSF expedite the implementation of the work plans and contain further migration of the plume.

06/02/2009



December 21, 1995

Mr. Mick Hardin, Manager
Environment and Hazardous Materials Control
The Atchison, Topeka & Santa Fe Railway Company
740 E. Carnegie Drive
San Bernardino, CA 92408-3571

LEAD IMPACTED SOIL AT ATSF RAILYARD - SAN BERNARDINO

Dear Mr. Hardin:

This is in follow-up to a recent telephone conversation with your consultant, Mr. Stewart Emhof, regarding the lead impacted soil that was described in the December 1993 report, Remedial Investigation of Shallow Soils. Of the 111 borings that were drilled during the investigation, 23 soil samples collected from 21 of the borings contained soluble lead concentrations that exceeded the STLC concentration of 5.0 mg/l. The soluble lead concentrations in the 23 samples ranged from 5.2 mg/l to 50 mg/l. The median concentration was 12 mg/l and 18 of the 23 samples were below 20 mg/l. Twenty-one of the samples were at a depth of 1 to 2 feet, and two samples were at a depth of 5.5 to 6 feet.

Considering the low soluble lead concentrations that were found, the shallow depths at which the lead is located and the low mobility of lead in soil, we do not consider the soluble lead to be a threat to groundwater. Therefore, no remedial action for the soluble lead identified in this investigation is necessary. Please be aware that this letter does not relieve you of the responsibility to comply with any applicable requirements of other regulatory agencies.

If you have any questions, please call me at (909) 782-3298.

Sincerely,

Robert L. Holub, Chief
SLIC Section

cc: Stewart Emhof, ERM-West, Inc.

rlh:slc\atsf\solpb

06/02/2009

April 13, 1995

Mr. Robert Holub
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, California 92507-2409



Subject: Soil Segregated for Lead Testing
Excavation of TRPH Soils
Mt. Vernon and Car Shops Area
San Bernardino Railyard

Dear Mr. Holub:

On behalf of The Atchison, Topeka and Santa Fe Railway Company (ATSF), ERM-West, Inc., (ERM) has prepared this letter in reference to interim soil remediation activities at the ATSF Railyard in San Bernardino, California. These remedial activities are being conducted in partial fulfillment of Cleanup and Abatement Order No. 88-80, issued to ATSF by the California Regional Water Quality Control Board - Santa Ana Region (RWQCB). Furthermore, these activities are being conducted in accordance with the May 1994 *Interim Remediation Plan for Shallow Soils, ATSF San Bernardino Railyard* (IRP) which was submitted by ATSF to the RWQCB. The IRP was approved by the RWQCB in their June 24, 1994 letter to ATSF.

Pursuant to guidelines provided by the RWQCB in their June 24, 1994 letter to ATSF, near-surface soils at two locations designated for excavation of petroleum-impacted soils were segregated and analyzed for concentrations of lead. The segregated soils originated from Excavations MV5, located immediately east of Mount Vernon Avenue, and CS1, located along the northern boundary of the property in the Car Shops Area. Analytical data from soil samples collected from soil borings drilled at these locations during a previous investigation indicated the presence of localized soluble lead concentrations in shallow soil in excess of the soluble threshold limit concentration (STLC) of 5 milligrams per liter (mg/l).

At Excavation MV5, approximately 40 to 50 cubic yards of soil from the ground surface to approximately 5 feet below ground surface (bgs) were segregated. This soil was originally located in the vicinity of former soil borings SB-103 and SB-104 (locations are documented in ERM's December 1993 *Remedial Investigation of Shallow Soils*). Soil samples from

06/02/2009

approximately 1 foot to 2 feet deep from these borings contained soluble lead ranging in concentrations from 2.2 mg/l to 19 mg/l. A composite soil sample (MVL1) collected from the segregated soil at this location contained total lead at a concentration of 76 milligrams per kilogram (mg/kg). A waste extraction test (WET) performed on this sample indicated a soluble lead concentration of 6.8 mg/l. Copies of the laboratory reports and chain-of-custody record are attached.

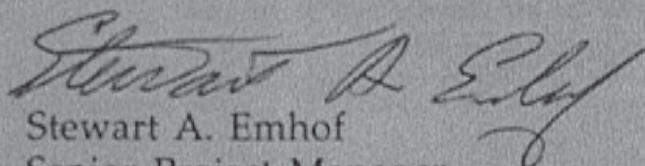
At Excavation CS1, approximately 100 cubic yards of soil from ground surface to approximately 5 feet bgs were segregated for analysis of lead content. This soil was originally located in the vicinity of soil borings SB-24 through SB-27. Soil samples collected in the upper 5 feet in soil borings SB-24 and SB-25 contained soluble lead concentrations ranging from 5.7 to 14 mg/l. A composite soil sample (CS1-L) from the segregated soil at this location contained total lead at a concentration of 77 mg/kg. A subsequent WET performed on this sample indicated a soluble lead concentration of 3.3 mg/l. Copies of the laboratory reports and chain-of-custody record are attached.

These segregated soils and general range of lead concentrations were discussed between ERM and the RWQCB during a March 10, 1995 telephone conversation. The RWQCB indicated that these soils are suitable for incorporation into the asphalt-emulsion pavement along with the petroleum-impacted soils. On behalf of ATSF, ERM requests your written response to ATSF indicating concurrence with your assessment of the subject soils as described above.

Thank you for your assistance in this matter. If you have any questions regarding the foregoing, please contact the undersigned at (714) 476-3040.

Sincerely,

ERM-WEST, INC.


Stewart A. Emhof
Senior Project Manager

SAE/tro/2037.72

Attachments

cc: Mr. Mick Hardin, ATSF
Mr. Mark Ransom, ERM
Ms. Margaret Fitzgerald, ERM

06/02/2009

March 13, 1995

ERM
Suite 100
Irvine, CA 92714
(714) 476-3040
(714) 476-3053 (Fax)

Mr. Robert Holub
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, California 92507-2409

Subject: Authorization for Backfilling Excavations
Mount Vernon Avenue Area
The Atchison, Topeka and Santa Fe Railyard
San Bernardino, California



Dear Mr. Holub:

On behalf of The Atchison, Topeka and Santa Fe Railway Company (ATSF), ERM-West, Inc., (ERM) has prepared this letter in reference to interim soil remediation activities at the ATSF Railyard in San Bernardino, California. These remedial activities are being conducted in partial fulfillment of Cleanup and Abatement Order No. 88-80, issued to ATSF by the California Regional Water Quality Control Board - Santa Ana Region (RWQCB). Furthermore, these activities are being conducted in accordance with the March 1994 *Conceptual Remediation Plan for ATSF Proposed Intermodal Facility* and the May 1994 *Interim Remediation Plan for Shallow Soils, ATSF San Bernardino Railyard* (IRP) which was submitted by ATSF to the RWQCB. The IRP was approved by the RWQCB in their June 24, 1994 letter to ATSF.

Subsurface soils impacted primarily by long-chain hydrocarbons ("bunker" oil and diesel), located in the vicinity of Mount Vernon Avenue, have been removed by excavating to depths ranging from approximately 16 to 25 feet below grade between October 11, 1994 and February 17, 1995. The excavated soils were temporarily stockpiled on plastic sheeting while the impacted soil is being incorporated into asphalt "cold-mix" pavement. Plastic sheeting was also placed on portions of the sidewalls of excavations MV1, MV4, MV5, and MV6 to separate clean backfilled soils from impacted soils that remain below the Mount Vernon Avenue overpass (refer to the attached Figure 1).

In accordance with the RWQCB's June 24, 1994 letter to ATSF, soil that was previously shown to be impacted by inorganic lead (the upper 5 to 6 feet of soil in the vicinity of soil boring SB-104) has been separated pending further analysis for soluble lead concentrations.

06/02/2009

The excavations completed during the time mentioned above consist of the area southeast and east of soil boring SB-111 (located west of Mount Vernon Avenue) and in the vicinities of soil borings SB-102 through SB-106, as shown on Figure 1-3 of the IRP. Impacted soil in the vicinity of soil boring SB-113 has not yet been excavated due to the presence of tractor trailers parked on the surface.

Based on analytical results of confirmation samples provided by ERM to the RWQCB, Mr. Holub of the RWQCB provided verbal authorization to backfill excavations at various stages. Dates of backfill authorization are shown on Figure 1 (Attached).

The initial excavation of MV4 (east of Mount Vernon Avenue) removed approximately 150 cubic yards (cy) within the Phase 2 redevelopment area. Backfill authorization was granted on October 14, 1994. The extension of excavation MV4 was authorized for backfill at two separate stages. The primary, eastern portion was authorized on February 1, 1995 after removal of approximately 6,000 cy. The smaller, western portion of MV4 was authorized for backfill on February 7, 1995 following the additional removal of approximately 2,800 cy.

The southeastern extension of excavation MV1 was authorized for backfill on January 6, 1995 after removing approximately 3,300 cy. The eastern extension of MV1 was authorized for backfill on February 15, 1995 following the additional removal of approximately 5,000 cy.

On February 16, 1995, Mr. Holub met at the site with Stewart Emhof of ERM to witness and to video-record the backfill activities and/or status of excavations MV1, MV4, MV5, and MV6. During this meeting, the impacted soil remaining below the Mount Vernon Avenue overpass was discussed (refer to Figure 1, attached). For obvious reasons, complete excavation of this soil was not considered as a viable option. ATSF's concept of placing lateral soil vapor extraction (SVE) wells within the impacted soil at this location, in conjunction with the planned SVE system for this site, was presented. Mr. Holub concurred that this would be a viable method for removing the lighter, more volatile fraction of the indicated contaminant as well as a practical method for mitigating the impacted soil at this location. Approximate locations for five planned horizontal SVE wells are shown on Figure 1 (Attached).

On February 17, 1995, Mr. Holub verbally authorized the backfill of the remaining open excavations, MV5 and MV6. Excavations MV1, MV4, and MV6 have been backfilled and compacted. Backfill and compaction operations are currently being completed within excavation MV5. In the near future, excavation and confirmation soil sampling will be conducted in the

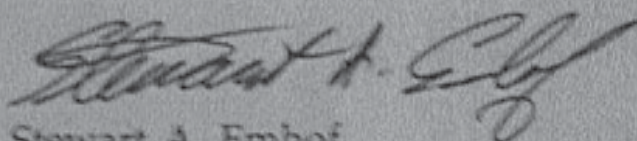
06/02/2009

vicinity of soil boring SB-113 (west of Mount Vernon Avenue) as well as in the Car Shops Area (located in the eastern portion of the railyard).

Following the completion of the planned excavation and backfill activities, a report will be prepared on behalf of ATSF that will document all activities conducted during this portion of the remediation project as defined in the IRP. If you have any questions regarding the foregoing, please contact the undersigned at (714) 476-3040.

Sincerely,

ERM-WEST, INC.



Stewart A. Emhof
Senior Project Manager

SAE/tro/2037.72

Attachment

cc: Mr. Mick Hardin, ATSF
Mr. Mark Ransom, ERM

06/02/2009

6002/2009

NORTH

ASPH

INITIAL MVI EXCAVATION
BACKFILL AUTHORIZED
07-26-94

MV1 EXTENSION
BACKFILL AUTHORIZED
02-15-95

MV1 EXTENSION
BACKFILL AUTHORIZED
01-06-95

BACKFILL AUTH.
02-17-95

MV6

MV5
EXCAVATION
BACKFILL AUTH.
02-17-95

MV4
EXTENSION

MV4 EXTENSION
BACKFILL AUTHORIZED 02-01-95

BACKFILL AUTH. 02-07-95

CONC

MT. VERNON AVENUE

X-OVER

SW 204

2003

OVER SW X-OVER

SW 202

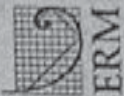
SW 203

SW 200

SW 200

SW X-OVER

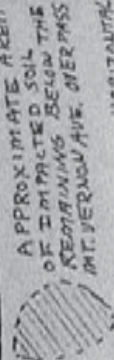
FIGURE 1
TRPH SOIL EXCAVATION
ATSF RAILWAY CO FACILITY
SAN BERNARDINO, CA



EXPLANATION:



LOCATION OF SOIL EXCAVATION
IN MT. VERNON AVE.
AREA



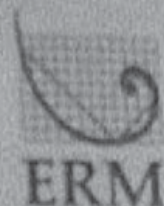
APPROXIMATE AREA
OF IMPACTED SOIL
OF REMAINING BELOW THE
MT. VERNON AVE. OVERPASS

August 10, 1994

ERM
17140 47th Ave
San Diego, CA 92154
(619) 476-3000
(619) 476-3000 (Fax)

Mr. Sam Ittiphol
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, California 92507-2409

Subject: Authorization for Backfilling TRPH Soil Excavation
West of Mt. Vernon Avenue
The Atchison, Topeka and Santa Fe Railyard
San Bernardino, California



Dear Mr. Ittiphol:

On behalf of The Atchison, Topeka and Santa Fe Railway Company (ATSF), ERM-West, Inc., (ERM) has prepared this letter in reference to interim soil remediation activities at the ATSF Railyard in San Bernardino, California. These remedial activities are being conducted in partial fulfillment of Cleanup and Abatement Order No. 88-80, issued to ATSF by the California Regional Water Quality Control Board - Santa Ana Region (RWQCB). Furthermore, these activities are being conducted in accordance with the March 1994 *Conceptual Remediation Plan for ATSF Proposed Intermodal Facility* and the May 1994 *Interim Remediation Plan for Shallow Soils, ATSF San Bernardino Railyard* (IRP) which was submitted by ATSF to the RWQCB. The IRP was approved by the RWQCB in their June 24, 1994 letter to ATSF.

Subsurface soils impacted primarily by long-chain hydrocarbons ("bunker" oil and diesel), located west of Mount Vernon Avenue and south of Fourth Street, were excavated to a maximum depth of approximately 20 to 25 feet below grade between June 30 and July 22, 1994. The excavated soils are temporarily stockpiled on plastic sheeting while the impacted soil is incorporated into asphalt "cold-mix" pavement. Plastic sheeting was also placed on the sidewalls at the southeastern portion of the excavation to separate clean backfilled soils from impacted soils that remain below the existing track area southeast of the excavation.

The excavation consists of the area between and including soil borings SB-111 and SB-114 shown on Figure 1-3 of the IRP. Impacted soil in the vicinity of soil boring SB-113 has not yet been excavated due to the presence of tractor trailers parked on the surface.

06/02/2009

Mr. Ittiphol
August 10, 1994

Page 2

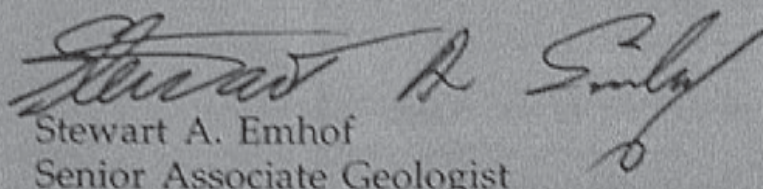
On June 30, 1994, Sam Ittiphol of the RWQCB met at the site with Stewart Emhof of ERM to witness ongoing excavation activities. On July 6, 1994, Mr. Ittiphol visited the site to witness the continued excavation operations, including the removal of numerous pipelines apparently associated with former oil delivery operations. On July 20, 1994, Mr. Ittiphol met at the site with ERM to photograph the excavation.

On July 26, 1994, Mr. Ittiphol and Robert Holub, also of the RWQCB, met at the site with ERM personnel to review the overall confirmation soil sampling procedures for this excavation and all analytical results. On the basis of these results, the RWQCB provided verbal authorization for backfill and compaction of the excavation.

Currently, backfill and compaction operations are being conducted within this excavation. Additional excavation and confirmation soil sampling will be conducted in the vicinity of soil boring SB-113. Afterward, a report will be prepared on behalf of ATSF which will document all activities conducted during this portion of the remediation project defined in the IRP. If you have any questions regarding the foregoing, please contact the undersigned at (714) 476-3040.

Sincerely,

ERM-WEST, INC.



Stewart A. Emhof
Senior Associate Geologist

SAE/tro/2037.72

cc: Mr. Mick Hardin, ATSF
Mr. Mark Ransom, ERM

06/02/2009

To: ST

Fr: JPL

Date: 06/14/94

Subject: ATSF, Brine Pond Closure, San Bernardino - Chubb

Special Measures for Brine Ponds

1. Item 1: According to my most recent memo, we should use a soil cleanup level of 500 mg/kg or less of EC (highest background EC level detected), instead of 2,000 mg/kg or less.

EXL: ATSF may want to use excavated soil for backfilling. According to the analytical results, I think it is safe to allow the excavated soil from the northern half of the east pond to be used for backfilling. Excavated soils from the remaining areas of the ponds seem to be highly contaminated with salts.

2. Item 2: I have talked to DBL, we forgot to mention to you about a deed restriction requirement for a capped area. A deed restriction is required to prohibit any activities at the former brine tank area that could mobilize the remaining waste constituents in the soil. Please add the following paragraphs at the end of Item 2:

"A deed restriction will be required to prohibit any activities at the former brine tank area that could mobilize the remaining waste constituents in the soil. The notarized deed restriction shall indicate that the Regional Board will be notified well in advance of the exact nature of any modification(s) to the cap. The Regional Board reserves the right to disapprove or comment on the proposed modifications to the cap as long as the contaminated soil remains in-place."

Thanks

06/02/2009

July 22, 1994

ENVIRONMENTAL	7/27
KLH	1128
94 JUL 25 PM 3:41	
ST	

ERM-West, Inc.
1920 Main Street
Suite 600
Irvine, CA 92714
(714) 476-3040
(714) 476-3053 (Fax)

Mr. Sam Ittiphol
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, California 92507-2409

Subject: Authorization for Backfilling
Phase I Excavation
Former Union Pacific Facility at ATSF Railyard
San Bernardino, California



Dear Mr. Ittiphol:

On behalf of The Atchison, Topeka and Santa Fe Railway Company (ATSF), ERM-West, Inc. (ERM) has prepared this letter in reference to soil remediation activities at the former Union Pacific facility located at 1500 West Rialto Avenue in San Bernardino, California (UP Facility). These remedial activities are being conducted in partial fulfillment of Cleanup and Abatement Order No. 88-80, issued to ATSF by the California Regional Water Quality Control Board - Santa Ana Region (RWQCB). These activities are also being conducted according to the project description/bid package dated January 26, 1994, which was submitted by ATSF to the RWQCB.

Subsurface soils impacted by diesel fuels below the UP Facility were excavated to a maximum depth of approximately 60 feet below grade between May 27 and July 14, 1994. These soils were excavated below, and in the vicinity of a proposed ramp and railroad bridge that will be constructed by municipal transportation agencies. The excavated soils have been stockpiled on plastic sheeting and have been covered by plastic. Plastic sheeting was also placed on the southeastern portion of the excavation sidewalls to separate clean backfilled soils from the impacted soils that remain below the former Union Pacific engine house southeast of the excavation.

The main excavation is located in the northwestern portion of the impacted soil area at the UP Facility documented in ERM's March 1994 *Supplemental Soil Investigation Report for the Former Union Pacific Facility*, which was submitted to the RWQCB by ATSF.

06/02/2009

Mr. Ittiphol
July 22, 1994

Page 2

A secondary excavation (western excavation) was conducted at the northwest end of the main excavation to remove additional impacted soil that was encountered during preparatory grading activities.

On June 21, 1994, Robert Holub and Sam Ittiphol of the RWQCB met at the site with Chris McDonald of ERM to witness ongoing excavation activities. On June 23, Mr. Ittiphol visited the site to photograph operations and requested that a sample of perched ground water that had accumulated in the excavation bottom be collected for chemical analysis. On June 30 and July 6, Mr. Ittiphol again met at the site with ERM to review and approve sampling locations, review analytical results and request additional soil removal and sampling at three locations within the main excavation.

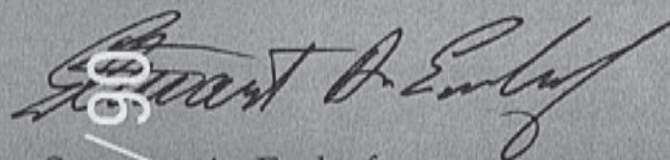
On July 8, 1994, analytical data from the additional sampling was discussed by telephone between Mr. Ittiphol and ERM and verbal authorization was provided by the RWQCB for backfill and compaction of the main excavation.

On July 19, 1994, following additional soil removal at the western excavation, verbal authorization for backfill and compaction of the western excavation was provided by Mr. Ittiphol following the RWQCB's review of analytical data from additional soil samples.

Currently, backfill and compaction operations are being conducted within the main excavation and in the smaller, western excavation. Following these activities, a report will be prepared on behalf of ATSF which will document all activities conducted during this project. If you have any questions regarding the foregoing, please contact Stewart Emhof at (714) 476-3040.

Sincerely,

ERM-WEST, INC.



Stewart A. Emhof
Senior Associate Geologist

cc: Mr. Mick Hardin - ATSF

SAE/2229.10

06/02/2009

519

SUBJECT: ATEP, Brine Facility, San Bernardino

I discussed with SI and SJM regarding the corrective measures for contaminated soils and shallow groundwater for the above brine facility. According to the 9/93 and 12/93 brine pond investigation reports, clay material beneath the site was found in discrete layers at various depths and thickness throughout (see Attachment 1). For example, clay layer was found 17-20.5 feet at BP-1, 15.5-16 feet at BP-4, and 9-15 feet at BP-7). In some borings, clay was found only in trace amount (e.g. BP-3 and BP-5). It was concluded that the clay layers beneath the site are not continuous. Therefore, if the shallow, contaminated perched groundwater is not removed, the regional groundwater (at a depth of approx. 90 feet) will be impacted. The following corrective actions are necessary for brine pond closure at the site:

1. If all contaminated soils ($>2,000 \mu\text{mhos/cm EC}$) beneath the ponds, up to the first shallow groundwater table encountered (mostly at approx. 16 feet bgs), are to be removed, then paving of the brine pond area can proceed without a plastic cap.
2. If the contaminated soils are to remain in place beneath the ponds, capping the area with at least 40 mil HDPE plastic will be required. A cap maintenance program will be required to maintain the integrity of the cap, to repair any damage, depressions resulting in ponding, or problems of any kind. The cap must be inspected periodically (monthly, at least quarterly) to verify its continued integrity and the results of the inspections must be submitted quarterly.
3. Regardless of whether the contaminated soils are removed or left in place, remediation of contaminated groundwater to background levels will be required. The 12/93 investigation report provided information on the distribution of the EC values measured in the groundwater samples (see Attachment 2). This is only an estimation of the contaminant plume. Additional groundwater investigation will be needed to define the horizontal component of the salt contaminant plume and to install extraction wells. Quarterly monitoring of groundwater upgradient and downgradient of the brine pond location will be required. Groundwater samples collected shall be analyzed for EC, TDS, calcium, sodium, magnesium, chloride, sulfate, iron, manganese, copper, zinc, total alkalinity, and pH. Quarterly reporting will be required and the reports will be due on the 30th day after the previous monitoring period (e.g. April 30 for Jan.-Mar. Monitoring period). The quarterly monitoring reports, at a minimum, shall include:

06/02/2009

- a. A site map showing the well locations, groundwater flow direction, and the boundary of the contaminant plume.
- b. A tabular summary of the analytical results,
- c. A tabular summary of the groundwater data (e.g. groundwater elevations, depth to groundwater, well elevations, etc.)
- d. Chain of custody information, groundwater sampling data sheet, lab analytical results, and
- e. Discussion, conclusion, and recommendation.

The cap maintenance inspection reports can be incorporated into the quarterly groundwater monitoring reports.

06/02/2009

ERM-West, Inc.

1920 Main Street
Suite 600
Irvine, CA 92714
(714) 476-3040
(714) 476-3053 (Fax)

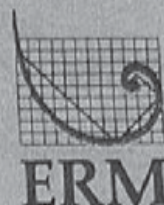
14 August 1992

AUG 17 1992

KUG 3/8
R/H 8/18
SI

Mr. Sam Ittiphol
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, California 92507-2409

SUBJECT: Cleanup and Abatement Order 88-80: "Phase II"
Soil and Ground Water Investigation at
Atchison, Topeka and Santa Fe Railway
Company Facility, San Bernardino



Dear Mr. Ittiphol:

On behalf of Mr. Mick Hardin of the Atchison, Topeka and Santa Fe Railway Company (Santa Fe), ERM-West, Inc. is pleased to provide the following summary of activities performed at the Santa Fe facility. This summary includes the pertinent changes to the original scope of work with which you have concurred during recent telephone conversations and site visits.

During the period of May through July 1992, the primary activity at the site was the drilling and installation of soil borings and ground water monitoring wells. As you are aware, the drilling portion of the "deep" ground water monitoring wells has been extremely slow due to persistent cobbles encountered in the subsurface materials. The difficult drilling conditions also resulted in some delays for repairs to the drilling rig and retrieval of down hole drilling tools after sidewall cave-in during the drilling of MW-42. As of 31 July 1992, six of the eight originally proposed deep monitoring wells have been drilled and completed (MW-38, MW-40, MW-41, MW-42, MW-43, and MW-44).

Due to bit refusal, drilling at MW-41, MW-43, and MW-44 was terminated at approximately 140 to 146 feet below ground surface (bgs). These conditions and the necessity to complete certain wells at these depths were discussed with you on 10 June 1992 during the drilling of MW-43. Per your recommendation, the screened interval included portions of a silty zone overlying a more permeable cobble zone to be certain that sufficient ground water would enter the well casing. MW-40 and MW-42 were drilled to approximately 165 feet bgs. MW-38 was drilled to 150 feet bgs.

06/02/2009

At each of these locations, the anticipated low permeable clay layer thought to be present at a depth of approximately 135 feet bgs was not encountered. Materials at or about that depth consist primarily of coarse-grained sand, gravel, and cobbles, with various mixtures of silt and occasional clayey zones. Materials below 135 feet bgs consist primarily of coarse-grained sand, gravel, and cobbles with the occasional zones of fine-grained sand and silty-to-sandy clay.

Based on these geological findings, and supported by borehole geophysical data obtained at each location, we believe that other planned geophysical activities, (i.e., seismic refraction and electrical resistivity survey) would not be useful in meeting the objectives of this investigation. Therefore, with your indicated concurrence, these activities will not be performed during this investigation.

Analytical data obtained from soil samples collected during the drilling of the above referenced monitoring wells indicate detectable concentrations of halocarbons only in MW-40 and MW-41.

- MW-40 - In the upper 40 feet, concentrations of trichloroethane (TCE) range from 0.009 milligrams per kilogram (mg/kg) to 0.071mg/kg; and
- MW-41 - In the upper 40 feet, TCE range from 0.114 mg/kg to 0.013 mg/kg and concentrations of tetrachloroethane (PCE) range from 4.76 mg/kg to 0.053 mg/kg.

The analytical data is summarized on the attached table.

During the month of June, the planned shallow soil borings (SB-10 through SB-14) and shallow ground water monitoring wells (MW-46 and MW-47) were completed. The only change to the planned scope of work was associated with MW-47, where 20 feet of screen was used to insure that the screened interval would intersect the ground water surface to insure detection of floating petroleum hydrocarbon product, if present.

Analytical data on soil samples collected from these shallow borings/monitoring wells indicate that concentrations of total extractable petroleum hydrocarbons, as diesel fuel, are only present in shallow soils MW-47 (13 mg/kg) at a depth of approximately 21 feet bgs and in SB-11 (1,349 to 8,600 mg/kg) from approximately 15 feet to 21 feet bgs. Underground storage tanks, formerly containing diesel fuel, had previously been removed from each of these locations.

06/02/2009

During the first half of August, it is anticipated that the installation of the remaining "deep" ground water monitoring wells will be completed. Additional planned work includes:

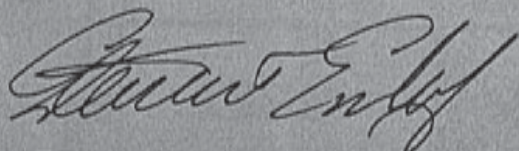
- Well development;
- Ground water sampling;
- Laboratory analysis;
- Aquifer test; and
- Preparation of a draft and final report.

As we have discussed during recent telephone conversations, the additional time that has been required to install the "deep" ground water monitoring wells has impacted the approved schedule of activities submitted to you in our 20 March 1992 correspondence. We had originally anticipated that all drilling activities could be completed by the week of 5 July 1992. Based on the remaining activities yet to be performed, ERM-West, on behalf of Santa Fe, respectfully requests a six-week extension of time to submit our final report.

Please contact me at (714) 476-3040 if you have any questions concerning the foregoing or the attached information.

Sincerely,

ERM-WEST, INC.



Stewart Emhof
Senior Associate Geologist

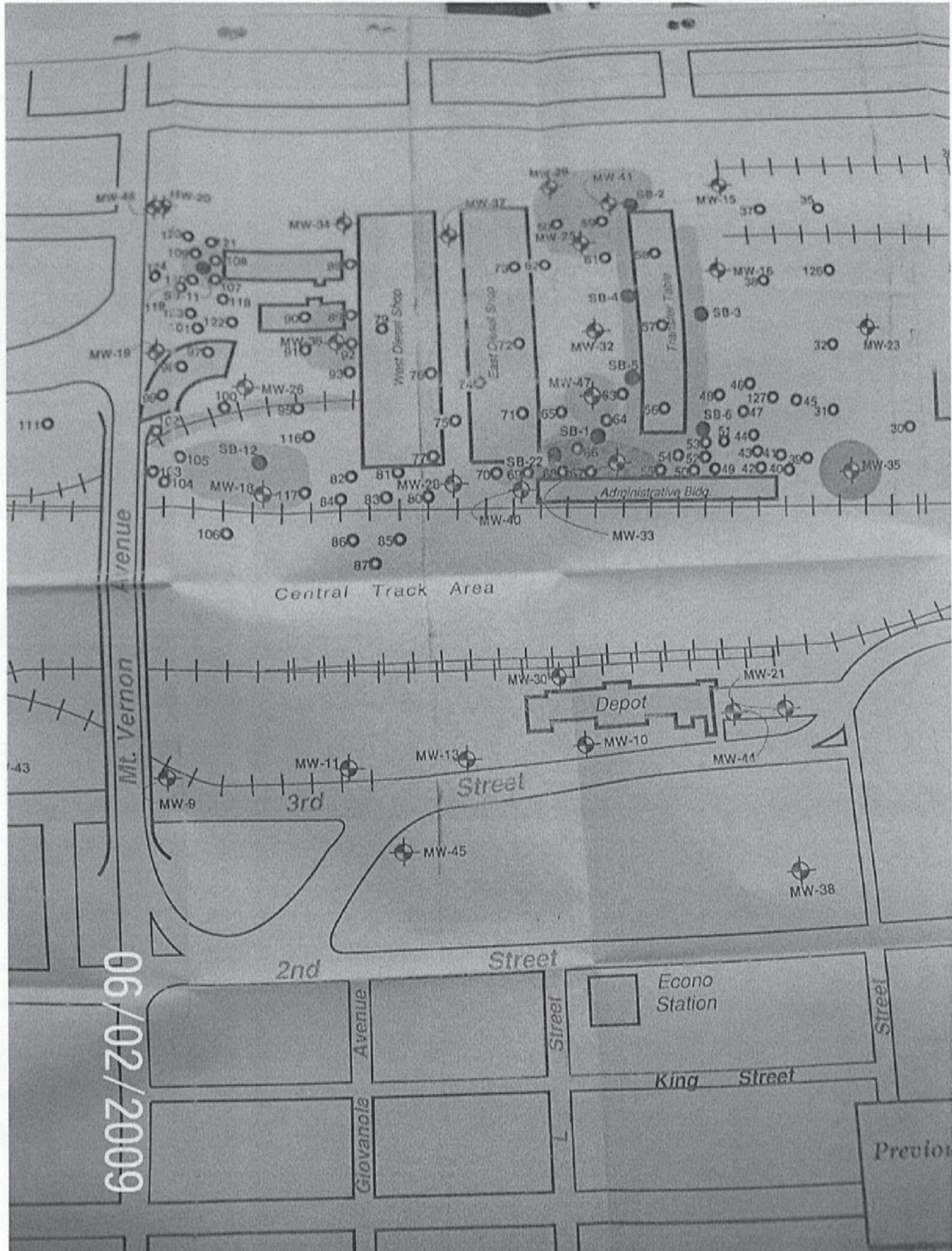
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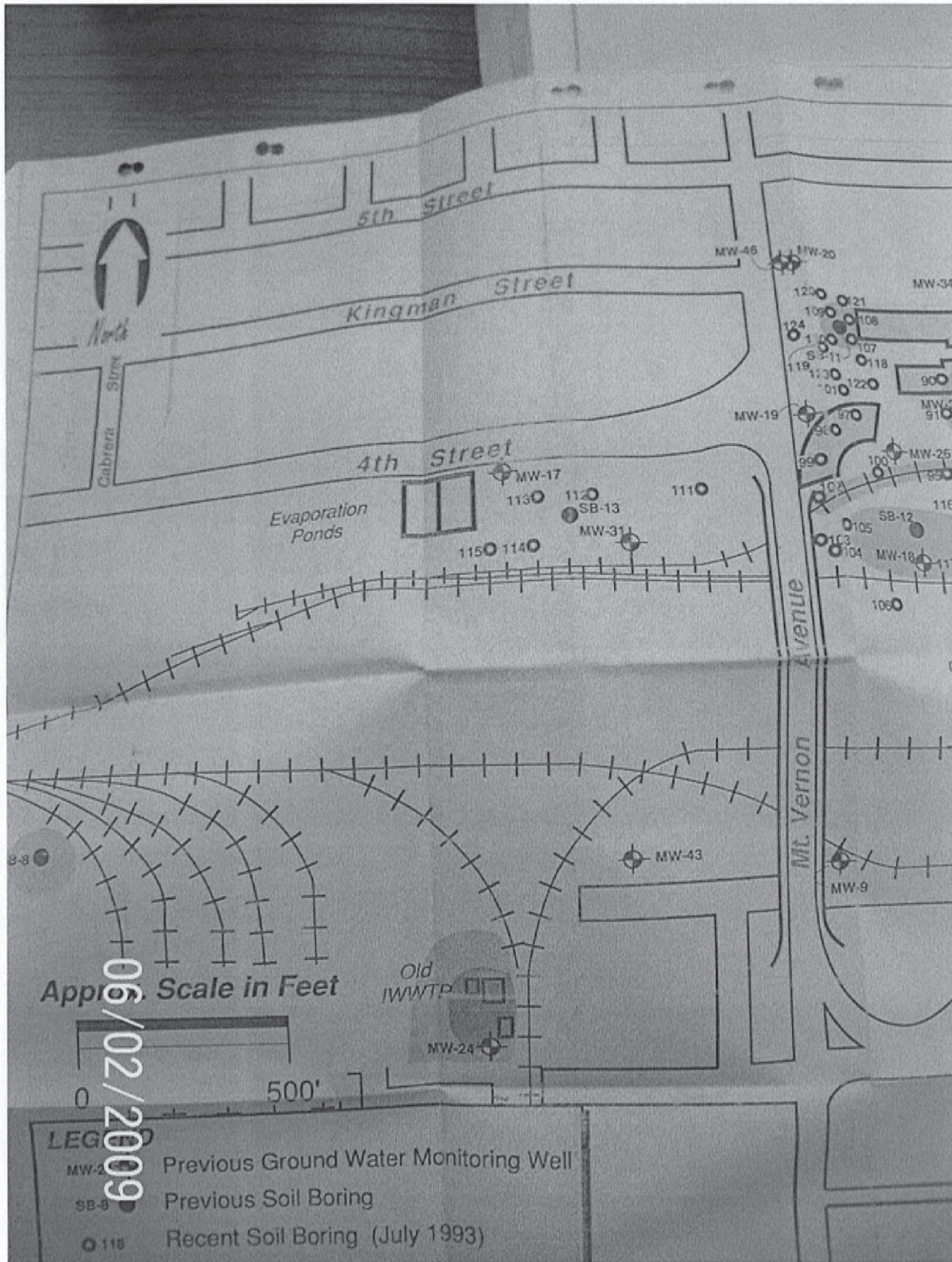
Enclosures

cc: Mick Harden

06/02/2009

06/02/2009





06/02/2009

Previous Soil Bo
Atch

Econo
Station

King Street

Street

Giovanola

Avenue

2nd

Street

Mt. Vernon Avenue

Central Track Area

3rd

Street

Depot

Administrative Bldg

MW-43

MW-9

MW-11

MW-45

MW-13

MW-30

MW-10

MW-44

MW-21

MW-38

MW-35

MW-27

MW-28

MW-29

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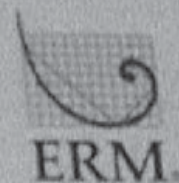
MW-100

Project: BNSF San Bernardino Vapor Treatment System (VTS)
Project Number: 2017-08
Date: 18 April 2002

311000 Centre
Suite 600
South Coast Metro,
CA 92707
(714) 438-1476
(714) 436-2940 (fax)

Purpose: Review intended addition of scrubber to VTS and resulting need for wastewater discharge permit modification.

Attendees: Mick Hardin, BNSF
Ron Giraudi and Troy Gill, TRC
Andy Coady and Darrell Hartwell, San Bernardino
Municipal Water District (City)
Maneck Chichgar, RWQCB
Stewart Embhof, ERM *AE*



1:40 P.M. - Arrived at site with Maneck Chichgar. Other attendees were present. Initial discussion was between Andy Coady and Ron Giraudi regarding current permit for discharging sparged groundwater. Andy noted that current permit, as written, did not allow for annual sampling but requires each batch to be sampled for approval from City prior to discharge. Ron Giraudi explained that verbal authorization was provided by City (James Watson) to conduct annual sampling/reporting of sparged water following several sampling events resulting in no findings of contaminants in sparged water exceeding City's limits. Ron stated that he would prepare a letter for Andy referring to City's authorization to provide annual sampling results for sparged groundwater. Ron Giraudi continued by providing overview of system operations.

Andy Coady expresses City's general policy not to accept wastewater from a remediation activity and that BNSF is now seeking permission for significant increase in discharge as opposed to minor, intermittent discharges for approximately three years following startup in 1998. Maneck Chichgar noted that the increase in discharge would be from a process stream used to cool equipment and neutralize hydrochloric acid - not a pollutant that has been extracted from the subsurface for remediation, and that the addition of a scrubber would allow for faster cleanup of contaminants in soil that are currently threatening groundwater quality.

Andy Coady expresses City's concern that this operation may introduce other, unknown pollutants into their wastewater stream resulting in future liability to the City. Maneck explained that the site has been characterized through numerous subsurface investigations, defining the existing pollutants, which will diminish with remedial action as previous activities causing the impact to soil have ceased.

Ron Giraudi reviews temperature of discharge (approximately 150 degrees F) at the building will likely be in range of the City's limit of 140 degrees F based on VTS building situated approximately 400 feet south of outfall to City's sanitary sewer.

Darrell Hartwell comments that City may set up continuous monitoring for a period of time if proposed discharge is permitted. Attendees were given tour of facility conducted by Ron Giraudi. Meeting adjourned at approximately 3:00 P.M. Andy reported that he would take request back to City for further review.

06/02/2009

Mr. Bailey
Page three
December 31, 1987

Files: 01001447-44
01009829

- o Investigating the composition of the vadose zone beneath the treatment ponds
- o Completing Section V. - the climatology of the area
- o Completing Section VI. - specific surface water data

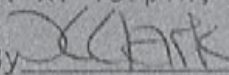
The workplan will be submitted to the RWQCB within two weeks of determining the wastes as hazardous.

Please contact Mr. Dave Clark at (213) 267-5454 if you have any questions concerning the HAR or analyses of the wastes.

Very truly yours,

Q. W. Torpin, General Manager

By


D. C. Clark, Manager
Environment & Hazardous
Materials Control

0284N

06/02/2009

The Atchison, Topeka and Santa Fe Railway Company

One Santa Fe Plaza
660 East Second Street
Los Angeles, California 90010

213/267-5454

December 31, 1987

Files: 01001447-44
01000820

Mr. Richard Bailey
Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506

SUBJECT: Hydrogeological Assessment Report

Dear Mr. Bailey:

The Atchison, Topeka and Santa Fe Railway Company (ATSF), hereby submits the Hydrogeological Assessment Report (HAR) for the treatment ponds located at our treatment plant in San Bernardino. The enclosed HAR is not complete but contains all the information that ATSF presently has available for submittal. A schedule for completing the HAR is presented in this letter. As we discussed with you on November 17, 1987, we are currently determining if the treatment ponds contain hazardous wastes.

The enclosed HAR addresses the waste sludge basin (SB-01) and the two settling basins (SB-4) located at the ATSF treatment plant. As previously mentioned in our meeting, some of the units originally listed by ATSF as TPCA impoundments were listed in error. These units include:

- SB-02: Concrete Waste Oil Tank
- SB-03: "Eimco" Oil/Water Clarifier (steel)
- SB-26: Brine Ponds
- SB-29: Concrete Inlet Sump
- SB-32: Concrete Acetylene Tank

The units identified as SB02 and SB32 are underground tanks and are, therefore, regulated by the County of San Bernardino's Underground Tank Ordinance and not by TPCA. The oil clarifier and concrete inlet sump are not natural topographic depressions or formed primarily of earthened materials. Therefore, these units do not meet the construction criteria for a TPCA impoundment and are not required to meet the requirements of TPCA. The brine ponds contain spent brine regenerant from the zeolite softener system.

06/02/2009

JAN - 8 1988

GT	1-8
WQ	1/12
DB	1/12

Mr. Bally
Page Two
December 31, 1987

ETHER 01001447 44
01000020

These ponds have been operating under the RWQCB Order Number 73-1 and do not contain hazardous wastes. Therefore, the brine ponds are not required to meet the requirements of TPCA.

The wastes contained in the treatment ponds will be classified as hazardous or non-hazardous prior to completing the HAR. Sludge and liquid samples will be collected from the ponds the first week of January and analyzed for the following constituents:

Priority Pollutant Organics
Priority Pollutant Metals
Toxicity (LD50 Bioassay)
pH

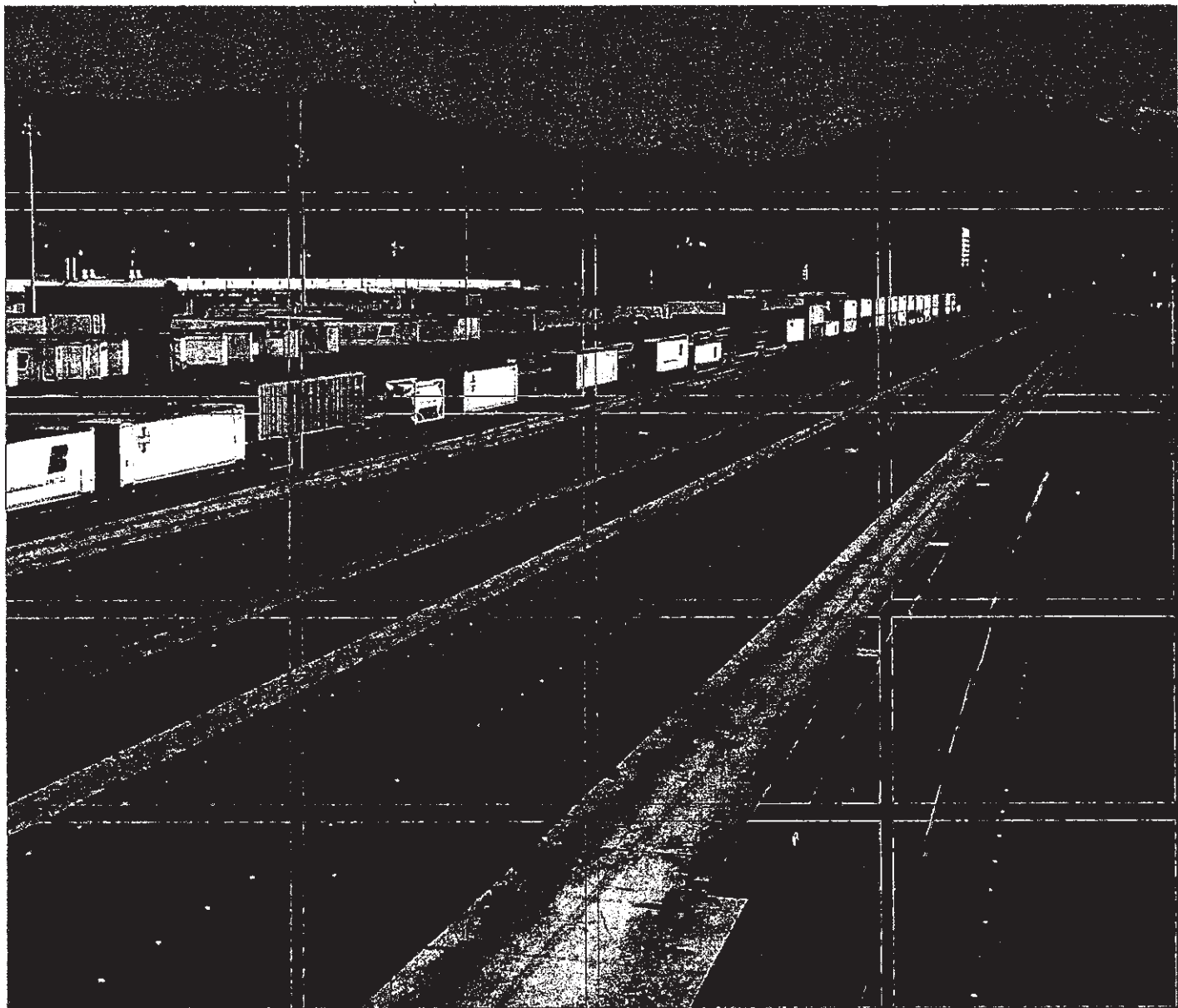
It is anticipated that the results of the analyses will be available by January 29, 1988, and a determination of the waste hazard classification will be available within one week of receiving the laboratory results.

If the wastes are determined to be non-hazardous, then the treatment ponds will not be required to meet the requirements of TPCA and the HAR will not be completed.

If the wastes contained in the treatment ponds are found to be hazardous, then a proposed workplan will be submitted to the RWQCB describing field work and analyses to be performed in order to complete the HAR. The workplan will include detailed procedures for completing the following:

- o Defining each groundwater body located beneath the treatment ponds
- o Analyzing the hydrogeology and groundwater of each groundwater body beneath the treatment ponds
- o Estimating the rate of groundwater movement, transmissivity, and the storage coefficient for each groundwater body beneath the treatment ponds
- o Defining the anisotropy of the water bearing zones
- o Assessing the background water quality for groundwater flowing beneath the facility

06/02/2009



Closure Report

Vapor Extraction/Vapor Treatment System
Former Diesel Shops Area
BNSF Intermodal Facility
San Bernardino, California

Prepared for:
BNSF Railway
Company

July 2008

www.erm.com

Delivering sustainable solutions in a more competitive world



BNSF Railway Company

Closure Report

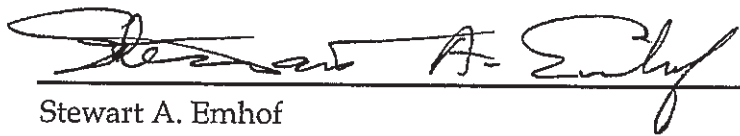
Vapor Extraction/Vapor Treatment System

Former Diesel Shops Area

BNSF Intermodal Facility, San Bernardino, California

July 2008

Project No. 0075027.004



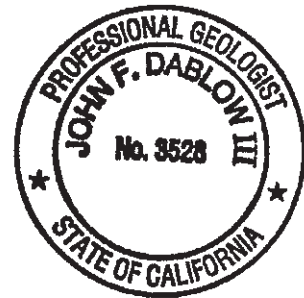
Stewart A. Emhof

Program Director



Jay Dablow, P.G.

Partner



Environmental Resources Management

2875 Michelle Drive

Suite 200

Irvine, CA 92606

T: 949-623-4700

F: 949-623-4711

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This closure report prepared by ERM-West, Inc. (ERM) summarizes the remedial activities and analytical data associated with a vapor extraction system/vapor treatment system (VES/VTs) that BNSF Railway Company (BNSF) has operated in the former Diesel Shops area of its San Bernardino, California Intermodal Facility (also referred to herein as the former San Bernardino Railyard and/or site). The VES/VTs activities were conducted in partial fulfillment of Cleanup and Abatement Order (CAO) Number 88-80, issued to BNSF by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) in April 1988.

Following analytical data submitted to the RWQCB in February 2008, representatives of BNSF and ERM met with the RWQCB on 12 March 2008 to discuss further remedial action related to the VES. During that meeting, the RWQCB concurred that analytical results from the one remaining active group of VES extraction wells indicated that the system had reached a point of diminishing returns. The RWQCB granted verbal approval to cease further extraction activities and instructed BNSF to develop a closure report for the VES including a formal request for "No Further Action" related to residual soil vapors at the former San Bernardino Railyard.

The San Bernardino Railyard is located within a mixed industrial and residential area of San Bernardino, California (Figure 1, Site Location Map), approximately 60 miles east of Los Angeles. The site lies within the semi-arid San Bernardino Valley at an elevation of approximately 1,080 feet above mean sea level. The San Bernardino Valley forms a northwest-pointing wedge between the San Jacinto and San Andreas Fault Zones. It is bordered to the northwest by the eastern Transverse Ranges of the San Gabriel Mountains and to the north-northeast by the San Bernardino Mountains. The Badlands/Crafton Hills and San Jacinto Fault escarpment form the respective south and southwestern borders of the San Bernardino Valley.

The former San Bernardino Railyard contained facilities for the remanufacturing, heavy repair, and maintenance of locomotives and rail cars. A 1993 aerial view of the former Diesel Shops area is provided as Photograph 1, attached to this report. Many of the original structures at the site were installed around 1900, with some reconstruction and new

construction of buildings around 1920. Around 1950, the steam locomotive shops were converted to accommodate diesel engines. At that time, the Diesel Shops employed approximately 1,300 people. During the 1970s and 1980s, the locomotive maintenance shops were downsized and the car repair shops were closed.

Operations associated with the former Diesel Shops ceased in November 1992. Subsequently, the site was redeveloped as part of BNSF's expanded intermodal operations. Two 1997 aerial views of the completed San Bernardino Intermodal Facility are provided as Photographs 2 and 3. A southern portion of the original San Bernardino Rail yard (property immediately south of BNSF's Intermodal Facility, including the San Bernardino Depot, was sold to the San Bernardino Association of Governments and is currently being managed for rail passenger service by the Los Angeles County Metropolitan Transportation Authority and Amtrak.

1.2

BACKGROUND

Soil vapor surveys conducted during 1992 and 1993 in partial fulfillment of the CAO identified areas of shallow soil within the former Diesel Shops area that were impacted by volatile organic compounds (VOCs). The VOCs were primarily halogenated VOCs (HVOCs) consisting mainly of tetrachloroethene (PCE) and trichloroethene (TCE). The general distribution of PCE and TCE, based on results of the soil vapor surveys, is shown on Figures 2 and 3, respectively.

In partial fulfillment of the CAO, subsurface soil sampling was conducted in the VOC-impacted areas during site investigations conducted between 1989 and 1993. Based on those investigations, the contaminants of concern were shown to occur primarily within the upper 25 feet of subsurface soils, but were also found to be present at selected locations at depths ranging from less than 5 feet below ground surface (bgs) to approximately 40 feet bgs. Figures 4 through 6 show the general distribution of contaminants of concern within the upper 25 feet bgs, including total extractable petroleum hydrocarbons (TEPH), as diesel and gasoline (Figures 4 and 5, respectively), and HVOCs (Figure 6).

Based on results of the site investigations referenced above, and BNSF's plans for expanding its intermodal facility, ERM designed a VES/VTs to mitigate the VOC-impacted soil vapor below the former Diesel Shops area. VES well designs and VES performance specifications were submitted to the RWQCB on 24 June 1995 on behalf of BNSF. Copies of

the VES well design and performance specifications are provided in Appendix A.

Following review of VES design and performance specifications, the RWQCB issued written approval for the proposed VES in a 2 November 1995 letter to BNSF. A copy of the RWQCB approval letter is provided as Appendix B.

Permit applications for the proposed VTS (including two thermal oxidizers) were developed and submitted to the South Coast Air Quality Management District (SCAQMD). Initial air permits for each VTS were issued by the SCAQMD on 14 November 1996. Copies of air permits are provided in Appendix C.

A permit application was also submitted to the San Bernardino Municipal Water Department (SBMWD) for discharge of water treated by the VTS to the publicly owned treatment works (POTW). Copies of permits issued by the SBMWD are provided in Appendix D.

Construction activities for the VES commenced in November 1995 with trenching for installation of lateral conveyance piping and drilling for installation of vertical VES wells. Construction activities associated with the VES/VTS continued for the next 2 years in conjunction with demolition of the former Diesel Shops structures and redevelopment activities associated with expansion of BNSF's intermodal facility. Representative photographs of the installation of conveyance piping, VES well vaults, VTS equipment, and construction of the VTS building are provided as Photographs 4 through 10. Construction of the VES/VTS and initial testing was completed in January 1998.

2.0

SUMMARY OF VES OPERATIONS

Continuous operations of the VES/VTS commenced on 26 January 1998. The layout of wells and piping associated with the completed VES is shown on Figure 7. The completed VES/VTS consists of a total of 139 VES wells, including 66 wells connected to the Western VTS and 73 wells connected to the Eastern VTS. The VES wells were designed to be used for either vapor extraction or air injection, with the operator able to remotely activate and deactivate them. To efficiently monitor overall remedial effects, the VES wells were each assigned to a designated group of VES wells. Each group comprised eight to 12 VES wells. As shown on Figure 7, seven groups of wells were designated for the Eastern VES (Groups 1 through 7) and seven groups were designated in the Western

VES (Groups 8 through 14). The VTS equipment includes two thermal oxidizers, each capable of treating approximately 3,500 standard cubic feet per minute of vapor flow.

A general chronological overview of VES operations is summarized below.

Time Frame	Operation Status
1998 - January	Startup of VES
1998 - March through 2002 - March	Low-efficiency operations resulting from low number of activated VES wells due to permit condition for HCl production
2002 - March	Eastern VTS shut down for construction/installation of HCl scrubber
2002 - May	Modified air discharge permits issued by SCAQMD
2002 - December	Wastewater discharge permit for scrubber issued by SBMWD
2003 - January	Eastern VTS startup, then shutdown due to failed heat exchanger
2003 - August	Eastern VTS startup with new heat exchanger
2004 - January	Commence rebound testing in Western VES
2004 - March	Received approval to deactivate VES Well Groups 8, 9, 10, 13, and 14 based on rebound test results
2004 - October	Shut down Eastern VTS and connected Eastern VES wells to Western VTS
2005 - July	Received approval to deactivate VES Well Group 3 in Eastern VES based on rebound test results
2005 - December	Shut down Western VTS to commence rebound testing on eight remaining activated VES well groups
2006 - April	Received approval to deactivate VES Well Groups 1, 2, 4, 5, 7, 11, and 12 based on rebound test results
2006 - December	After five unsuccessful rebound test events on VES well Group 6, commenced monthly 24-hour to 48-hour VES "pulsing" events
2008 - March	Based on analytical results of startup inlet vapor samples during "pulsing" events, received approval to deactivate VES Well Group 6

After startup and through early March 2002, soil vapors were extracted utilizing an average of 28 wells in the Western VES and only eight wells in the Eastern VES. The reduced efficiency of the VES/VTS was the result of a condition in the air discharge permits that limited the outlet

concentrations of hydrochloric acid (HCl) generated from the thermal destruction of HVOCs.

At the request of BNSF, ERM conducted engineering evaluations to identify cost-effective modifications for the VES/VTS to improve its efficiency. Based on those evaluations, designs were developed for the addition of an HCl scrubber to the Eastern VTS. New applications to cover VES/VTS operations utilizing an HCl scrubber were submitted to the SCAQMD and the SBMWD.

On 7 March 2002, the Eastern VTS was shut down for construction and installation of the scrubber. Representative photographs showing the installation of the scrubber are provided as Photographs 11 and 12. The SCAQMD issued modified air discharge permits on 8 May 2002 (Appendix C) and a wastewater discharge permit for the scrubber on 10 December 2002 (Appendix D). During the remainder of December 2002 and January 2003, the scrubber system was tested using dilution air. Mechanical and chemical irregularities, including scaling within the scrubber, were diagnosed and corrected.

The Eastern VTS was restarted on 28 January 2003, but required shutdown shortly thereafter due to a failed heat exchanger that would allow untreated vapors to bypass the thermal oxidizer. Following the manufacture and installation of a new heat exchanger, the Eastern VTS (with scrubber) was restarted on 14 August 2003. Through the remainder of 2003, on average, 54 wells in the Western VES and 63 wells in the Eastern VES were activated, significantly improving the efficiency of the remedial system.

In October 2004, it became feasible to shut down the Eastern VTS (including the scrubber) as a result of increased efficiency in the removal and treatment of vapors following the addition of a scrubber. The Eastern groups of VES wells were then connected to the Western VTS, which continued to treat extracted soil vapors from both Eastern and Western groups of VES wells in overall compliance with the SCAQMD permit conditions.

2.1 *CONTAMINANT MASS REMOVAL*

Based on the results of quarterly inlet sample analyses for total VOCs, and the average monthly readings of inlet vapor samples using a photoionization detector, the mass of total VOCs removed from the subsurface soils was calculated and/or estimated by the VES operator,

TRC, Inc. A summary of the monthly mass removal, as reported by TRC, is included on Table 1.

As summarized on Table 1, since system startup in 1998, the Western VTS has removed and treated a cumulative total of approximately 37,000 pounds of VOCs from subsurface soils below the former Diesel Shops area. Since startup in 1998, the Eastern VTS removed a cumulative total of approximately 57,000 pounds of VOCs from subsurface soils below the former Diesel Shops.

Analytical data indicate that the increased volume of air introduced into subsurface soils from operations of the VES may have enhanced naturally occurring biodegradation of petroleum hydrocarbons in the subsurface soils below the former Diesel Shops. As shown on Table 1, TRC has estimated, based on carbon dioxide, methane, and petroleum hydrocarbon analyses of inlet vapor samples, that operation of the VES/VTS has resulted in the biodegradation of approximately 5 million pounds of petroleum hydrocarbons since startup in 1998.

On behalf of BNSF, ERM has submitted the following reports to the RWQCB summarizing routine VES/VTS operations and providing additional details of VES operations:

- *VES/VTS Operations Report (January Through July 1998)*, 2 September 1998;
- *Status Report of VES/VTS Operations (August 1998 Through February 1999)*, 5 April 1999;
- *Report of VES/VTS Operations (March Through June 1999)*, 3 September 1999;
- *Report of VES/VTS Operations (July Through October 1999)*, 2 December 1999;
- *Report of VES/VTS Operations (November Through January 2000)*, 15 February 2000;
- *Report of VES/VTS Operations (January 2000 through November 2003)*, 20 January 2004; and
- *Report of VES/VTS Operations (2004 through 2005)*, 26 October 2005.

These reports are provided as Appendices E through K.

Analytical data obtained from inlet vapor samples for each of the two treatment systems are summarized in Table 2 (Inlet Vapor Samples–Eastern VES) and Table 3 (Inlet Vapor Samples–Western VES) and presented graphically on Figures 8 and 9. As noted on Table 2 and Figure 8, the Eastern VTS was shut down in October 2004. The Eastern VES wells were then connected to the Western VTS. As indicated on Table 3 and shown on Figure 9, the inlet sample collected from the Western VES on 28 December 2004 reflects the slight increase in vapor concentrations being treated by the Western VES as a result of combining vapor flow from all active extraction wells into one VTS.

Analytical data from vapor samples representing individual groups of VES wells (Groups 1 through 14) are summarized in Tables 4 through 17. Rebound test results are highlighted on each table. Table 9, summarizing analytical data from VES Well Group 6, also includes results of representative vapor samples from all of the “pulsing” events conducted on that group of VES wells between 20 December 2006 and 19 December 2007. Analytical data for VES Well Groups 1 through 14 are also shown graphically on Figures 10 through 23, respectively.

In February and March 2004, rebound testing was initiated for Groups 8, 9, 10, 13, and 14 of the Western VES. Between April and July 2005, Well Group 3 in the Eastern VES was also tested for rebound effects. Chemical results of rebound test samples verified that each of these six well groups had reached a “point of diminishing returns” and the RWQCB granted approval to cease extraction from those groups of wells.

Following a total of three rebound test events performed on the remaining eight active VES well groups between January and March 2006, the RWQCB granted approval to cease vapor extraction from Well Groups 1, 2, 4, 5, and 7 of the Eastern VES, and Well Groups 11 and 12 of the Western VES.

At the request of the RWQCB, two additional rebound test events were performed on Well Group 6 (for a total of five rebound tests on that group) to assess rebound effects, primarily by PCE, in the vapor samples. As shown on Table 9, rebound test results indicated increasing concentrations for the first four test events before declining in the fifth (June 2006) rebound test. Residual concentrations of VOCs within the area represented by Well Group 6, however, proved to be less readily

extracted. Rebound testing performed on Well Group 6 was documented in the 27 July 2006 *Report of VES Well Group 6*, developed by AMEC Earth & Environmental, Inc., a copy of which is provided in Appendix L. After further assessment and communications with the RWQCB between July and October 2006, it was decided that further extraction activities would be conducted on the recalcitrant well group.

BNSF implemented a series of system “pulsing” events for Well Group 6, starting in December 2006 and continuing through December 2007. Seventeen pulsing events were conducted, using the existing VTS in attempts to reduce the residual vapors in Well Group 6 to levels acceptable to the RWQCB. The VES was activated once a month from December 2006 to September 2007. Starting in October 2007, the VES was activated once every 2 weeks. During November 2007, the VES required an additional startup due to a power failure, which interrupted the initial 24-hour pulsing event.

During each pulsing event, the VTS was activated with vacuum applied to extraction wells in Group 6. At each startup of the VTS, a vapor sample (“initial”) was collected from the VTS inlet and submitted for chemical analysis by SCAQMD Method TO-15. During the pulsing events in December 2006, January through May 2007, and September through December 2007, an initial sample was collected upon startup and another sample was collected after approximately 24 hours of operation. During the June, July, and August 2007 pulsing events, an additional vapor sample was collected after 48 hours of operation. Results of these analyses are summarized on Table 9, which includes analytical results (limited to the VOCs of concern) from all testing events specific to Group 6. As shown in Table 9, during the last five pulsing events, the initial concentrations of PCE, the primary VOC of concern within Well Group 6, ranged from 7.3 parts per million by volume (ppmv) to 14.0 ppmv. The average PCE concentration in initial samples collected during the last five pulsing events is 9.5 ppmv.

The analytical results for Group 6 (shown graphically on Figure 15) indicate that the pulsing events reduced PCE concentrations from greater than 40 ppmv in December 2006 to less than 15 ppmv after September 2007. Following September 2007, the residual PCE concentrations upon system startup averaged around 10 ppmv or less, indicating that a point of diminishing returns had been reached for VES Well Group 6.

Additional details of the VES pulsing activities applied to Well Group 6 are documented in ERM’s 15 February 2008 report, *Request to Cease Vapor Extraction from Well Group 6*, a copy of which is provided in Appendix M. As presented in that report and earlier submittals pertaining to Well

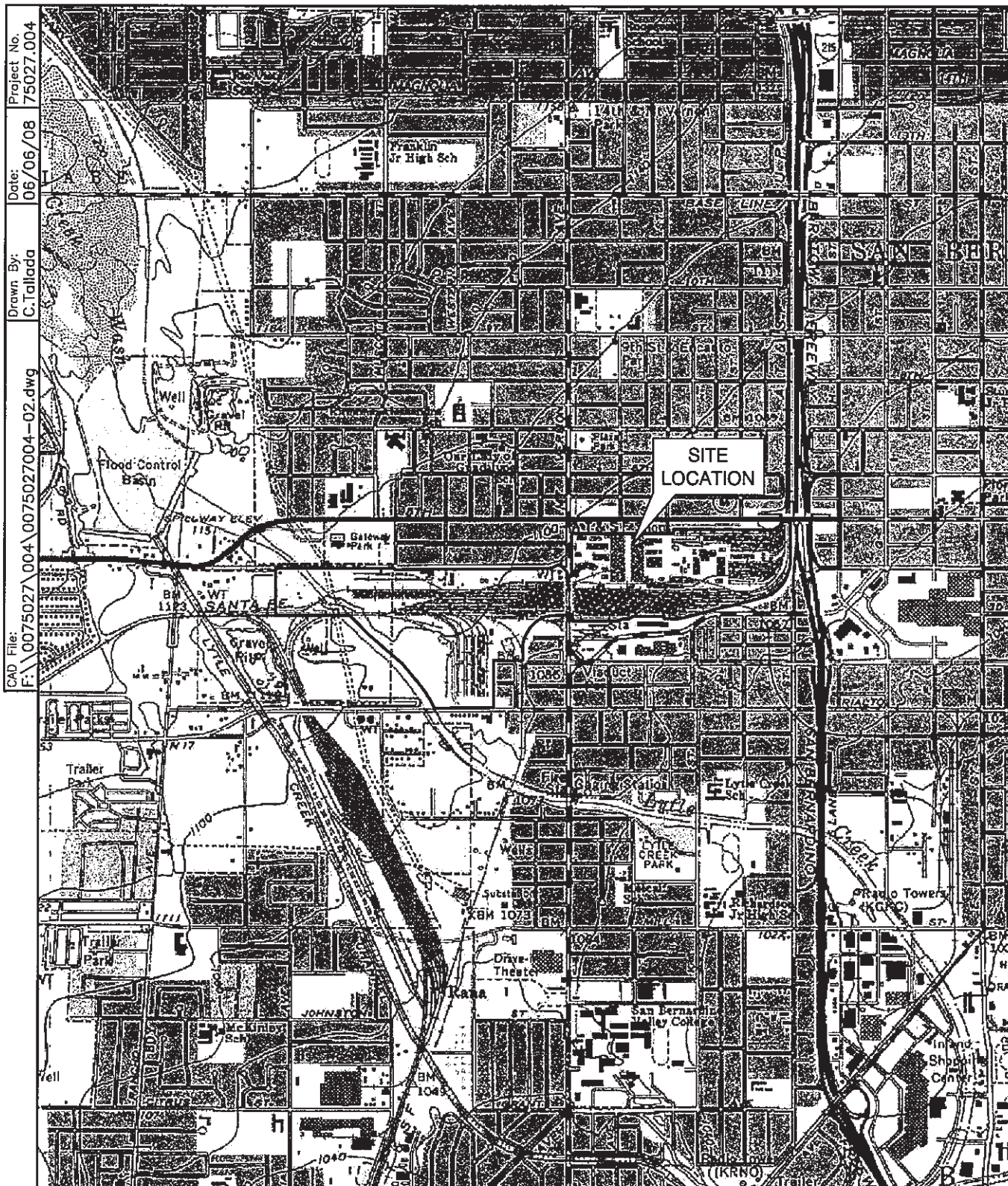
Group 6, the residual soil vapors within the area represented by Well Group 6 likely do not pose a significant threat to groundwater quality. The groundwater table below the former San Bernardino Diesel Shops area is greater than 100 feet below the soil affected by residual vapors and the intermodal facility at the surface is covered by a relatively thick engineered layer consisting of low permeability mixtures of asphalt and concrete.

Following its review of ERM's 15 February 2008 report, the RWQCB granted approval, during a 12 March 2006 meeting between the RWQCB, BNSF and ERM, to cease further vapor extraction activities from Well Group 6 and instructed BNSF to develop this summary report.

3.0 *RECOMMENDATION*

Based on the data summarized in this report, previous submittals pertaining to the VES/VTS operations at the former Diesel Shops area, and verbal approvals previously granted by the RWQCB to cease further vapor extraction activities from groups of VES wells, ERM recommends and requests that the RWQCB grant a "No Further Action" letter to BNSF related to residual soil vapors at this site.

Figures



References:
 U.S.G.S. 7.5 Minute Topographic Series
 (San Bernardino South, California Quadrangle)
 Dated: 1980

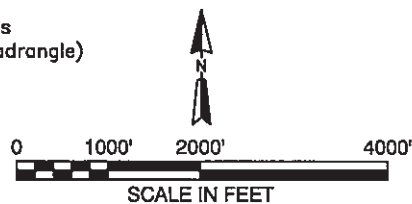
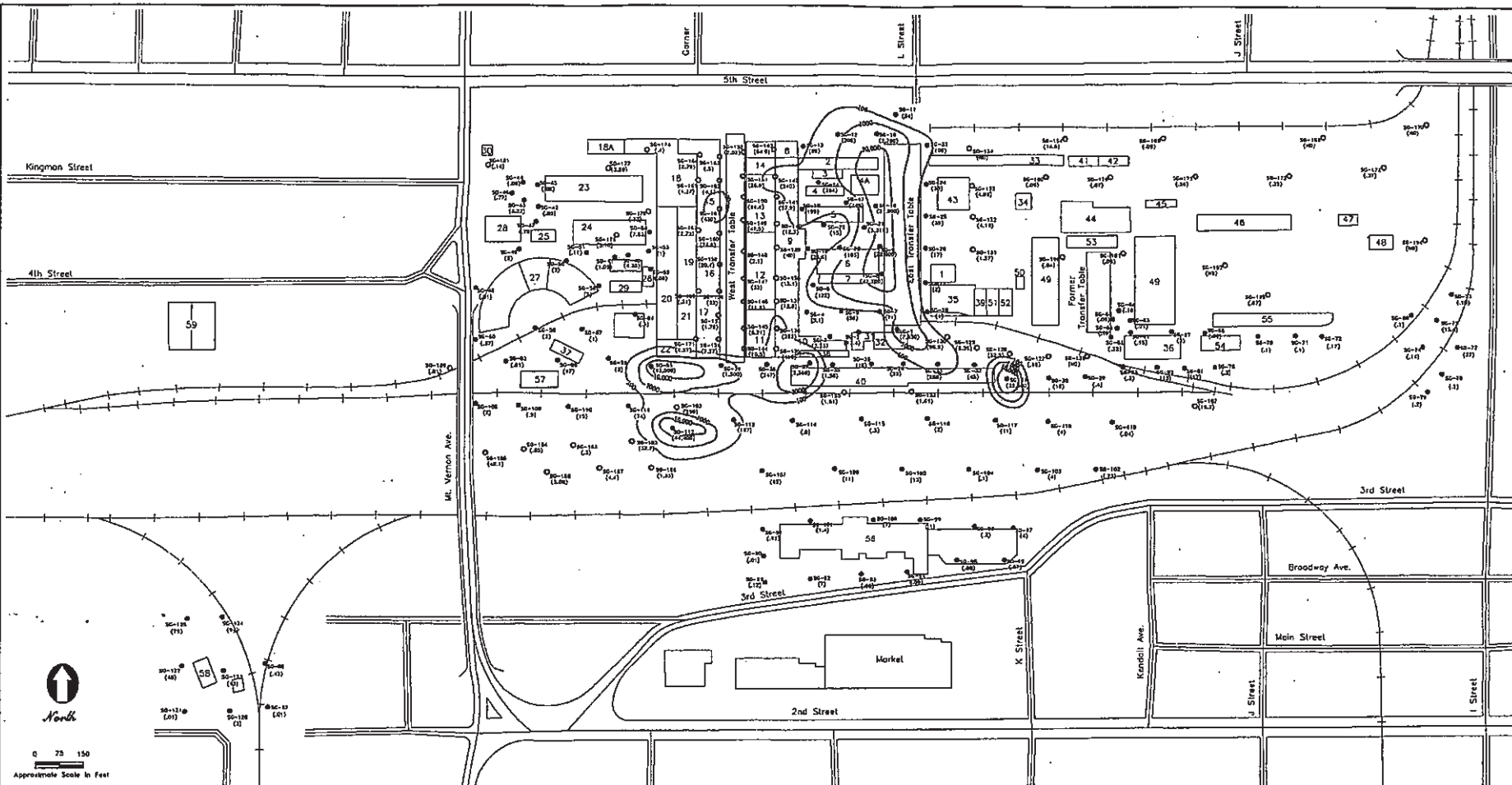


Figure 1
Site Location Map
Former BNSF Rail yard
San Bernardino, California

ERM 06/08



Drawing Key

- 1 General Foreman's offices and safety conference center
- 2 Tractor motor shop
- 3 Process washer
- 4 Locomotive paint booth
- 5 Paint prep
- 6 Carpenter shop
- 7 (Former) Baker shop
- 8 Load test
- 9 Tractor motor shop/Paint booth
- 10 Electric shop
- 11 Engine stripping/Paint booth
- 12 Spots 4 & 7
- 13 Wreck Repair
- 14 Repair
- 15 Truck shop
- 16 Spot 5
- 17 Spots 2 & 6
- 18 (Former) Wheel Shop
- 19 Wheel Motor Shop
- 20 Machine Shop
- 21 Power assembly
- 22 Engine building
- 23 Air room
- 24 (Former) Blacksmith shop
- 25 Pipe shop
- 26 Hatching Center T&E
- 27 Lye vats
- 28 Battery Shop
- 29 Power house
- 30 Spot 10
- 31 Hazardous waste storage area
- 32 Used drum storage / small paint booth
- 33 Store house building (oil house)
- 34 Grit Blast
- 35 (Former) Car Painting Facility
- 36 (Former) Traction motor nose area
- 37 P & M Chemical Storage Area (drums)
- 38 318 extension (maintenance)
- 39 (Former) Wheel Shop
- 40 Diesel Wash Platform
- 41 Above-ground tanks
- 42 Scale House
- 43 Administrative Offices
- 44 (Former) Grit Blast
- 45 (Former) Drying Shed
- 46 (Former) Truck Shop Building
- 47 (Former) Painting Hd
- 48 (Former) Inventory
- 49 (Former) Lumber Shed
- 50 (Former) Car Shop
- 51 (Former) Pattern Shop (approximate loc.)
- 52 (Former) Battery Shop (approximate loc.)
- 53 (Former) Waste & Grease Storage Bldg
- 54 (Former) Car Dept. Office
- 55 (Former) Tank Car Shop
- 56 (Former) Material Shed (approximate loc.)
- 57 Depot
- 58 New LUMP
- 59 Old LUMP
- 60 Brake Pads

Note: Modified Figure 3-7 From ERM, December 1993 Remedial Investigation of Shallow Soils ATSF San Bernardino Railroad.

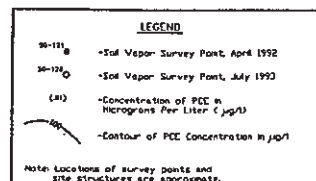
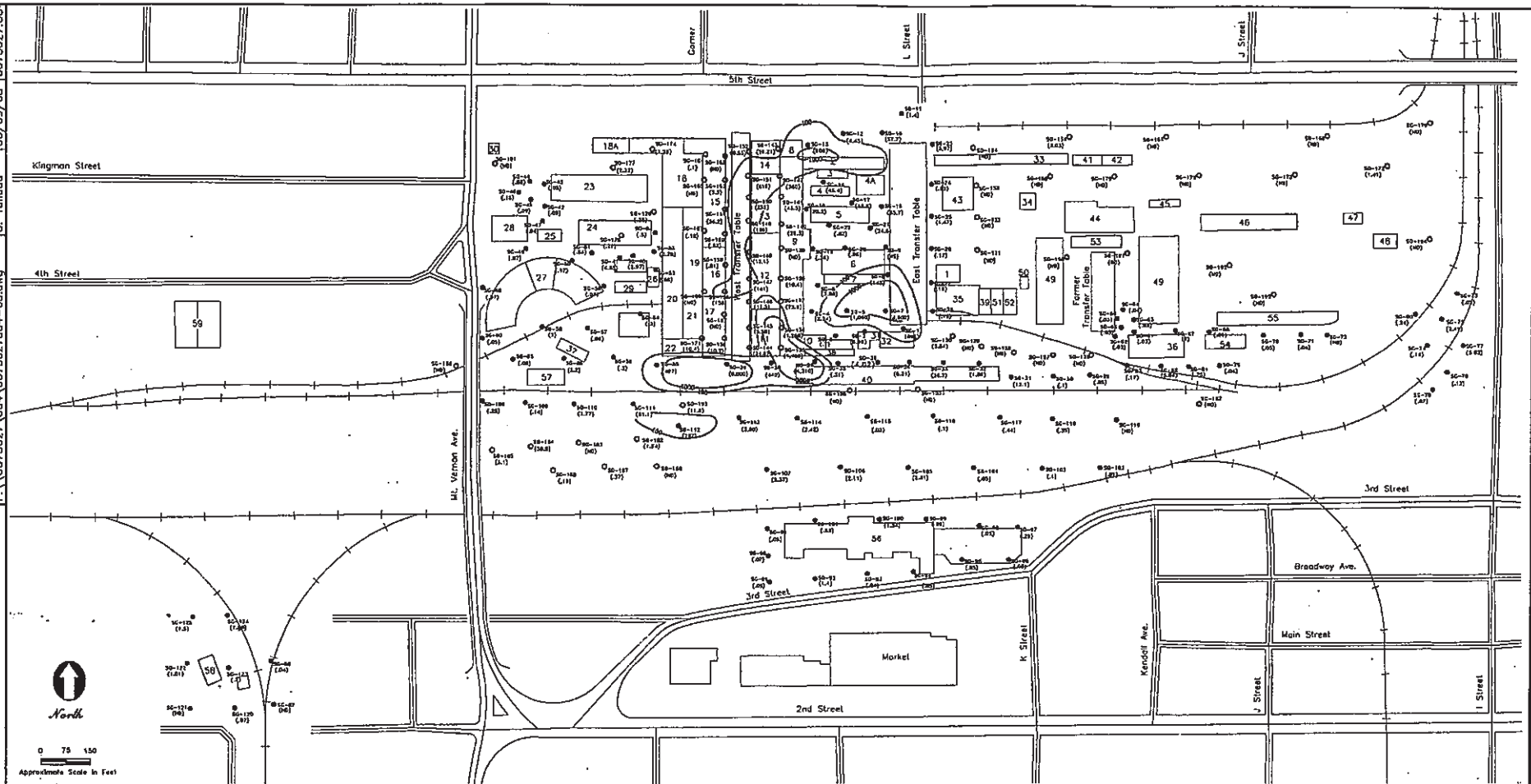


Figure 2
 Results of Soil Vapor Surveys
 PCE Concentrations
 BNSF Former Diesel Shops
 San Bernardino, California



Drawing Key

- | | | | |
|--|--|---|---|
| 1 General Foreman's offices and safety conference center | 17 Spots 2 & 6 | 32 Store house building (old house) | 47 (former) Lavatory |
| 2 Traction motor stripping | 18 (former) Wheel Shop | 33 Grit blast | 48 (former) Fabricating Shop |
| 3 Process Washer | 19 (former) Motor Shop | 34 (former) Car Painting Facility | 49 (former) Car Shop |
| 4 Locomotive paint booth | 20 Machine Shop | 35 (former) Traction motor noise area | 50 (former) Pattern Shop (approximate loc) |
| 5 Paint prep | 21 Power assembly | 36 P. & H. Chemical Storage Area (corner) | 51 (former) Battery Shop (approximate loc) |
| 6 (former) Boiler shop | 22 Engine building | 37 Ball extension (maintenance) | 52 (former) Waste & Grease Storage Bldg |
| 7 Carpenter shop | 23 (former) Blacksmith shop | 38 (former) Wheel Shop | 53 (former) Car Shop |
| 8 Load test | 24 (former) Blacksmith shop | 39 Diesel Wash Platform | 54 (former) Tank Car Shop |
| 9 (former) Traction motor shop/paint booth | 25 (former) Blacksmith shop | 40 Above-ground tanks | 55 (former) Material Shop (approximate loc) |
| 10 Electric shop | 26 Lye vats | 41 Scale House | 56 Depot |
| 11 Engine stripping/paint booth | 27 (former) Battery shop | 42 Administrative Offices | 57 New LVUTP |
| 12 Spots 4 & 7 | 28 (former) Battery shop | 43 (former) Grit Blast | 58 Old LVUTP |
| 13 Wheel Repair | 29 (former) Battery shop | 44 (former) Bryng Shed | 59 Brine Ponds |
| 14 Repair | 30 (former) Battery shop | 45 (former) Truck Shop Building | |
| 15 Truck shop | 31 Used drum storage / small paint booth | 46 (former) Flaming Mill | |
| 16 Spot 5 | | 47 (former) Lavatory | |
| | | 48 (former) Fresh Lumber Shed | |

Note: Modified Figure 3-7 From ERM, December 1993 Remedial Investigation of Shallow Soils ATSF San Bernardino Railway.

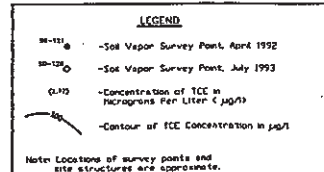
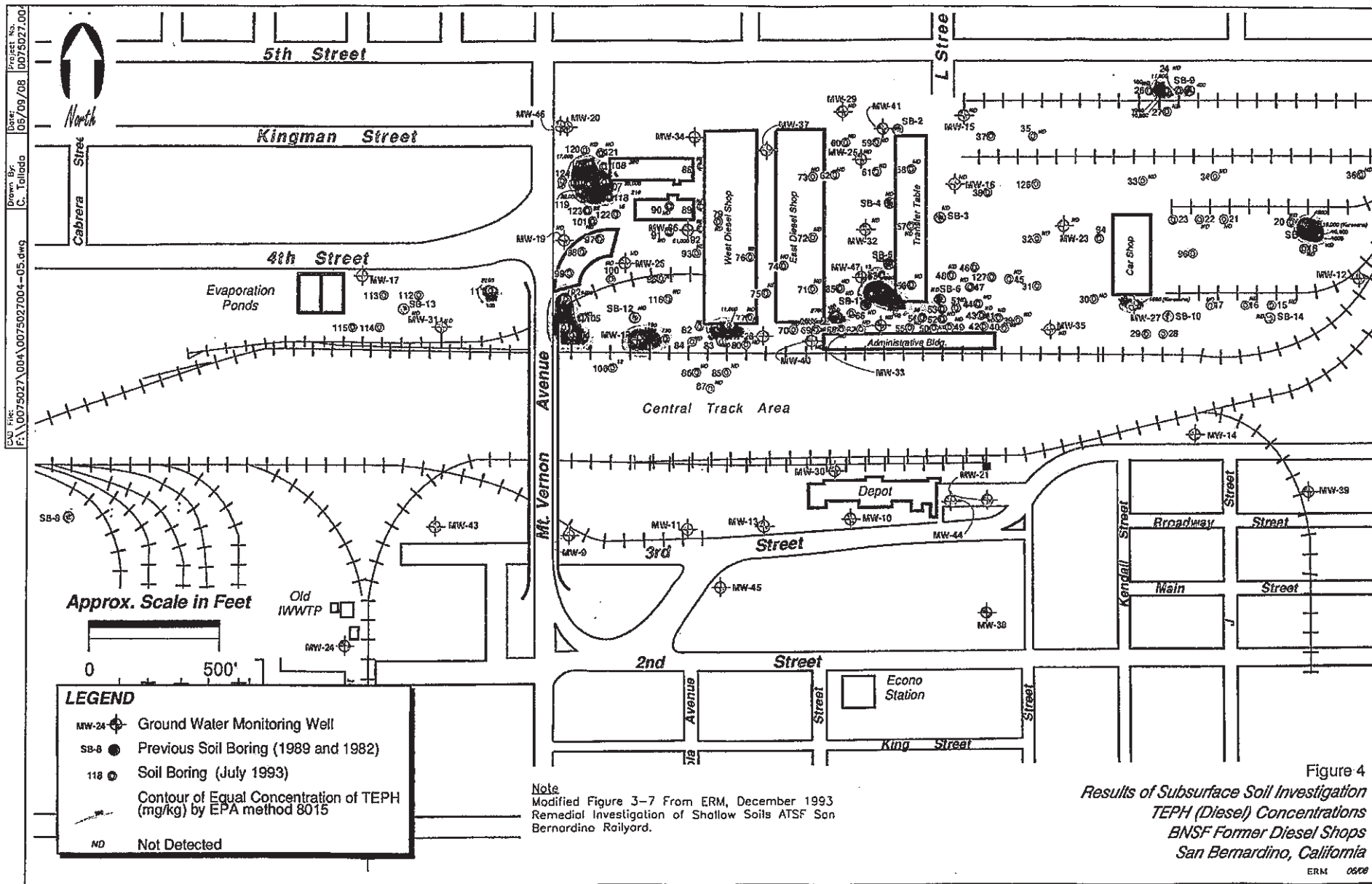
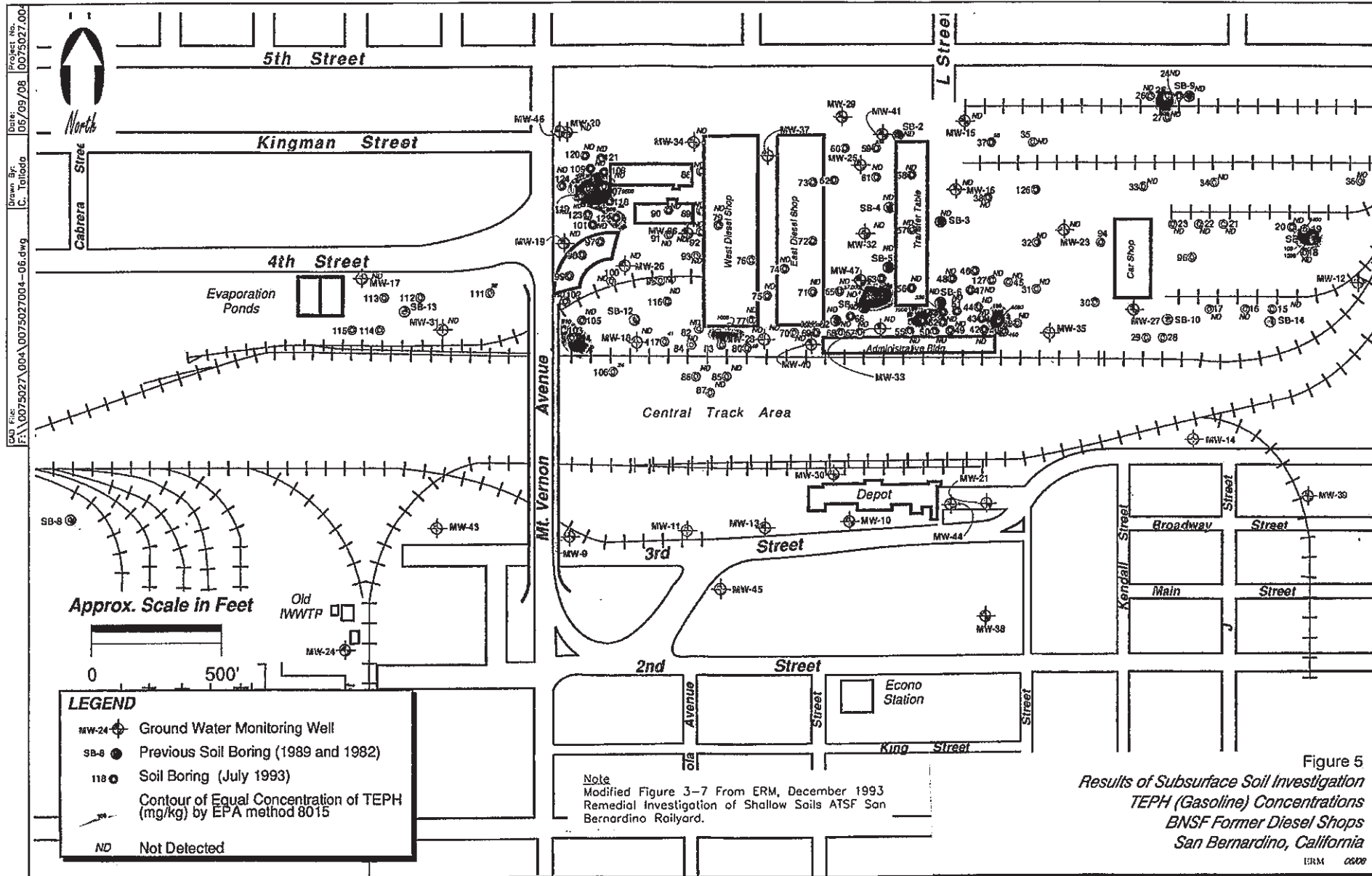


Figure 3
 Results of Soil Vapor Surveys
 TCE Concentrations
 BNSF Former Diesel Shops
 San Bernardino, California





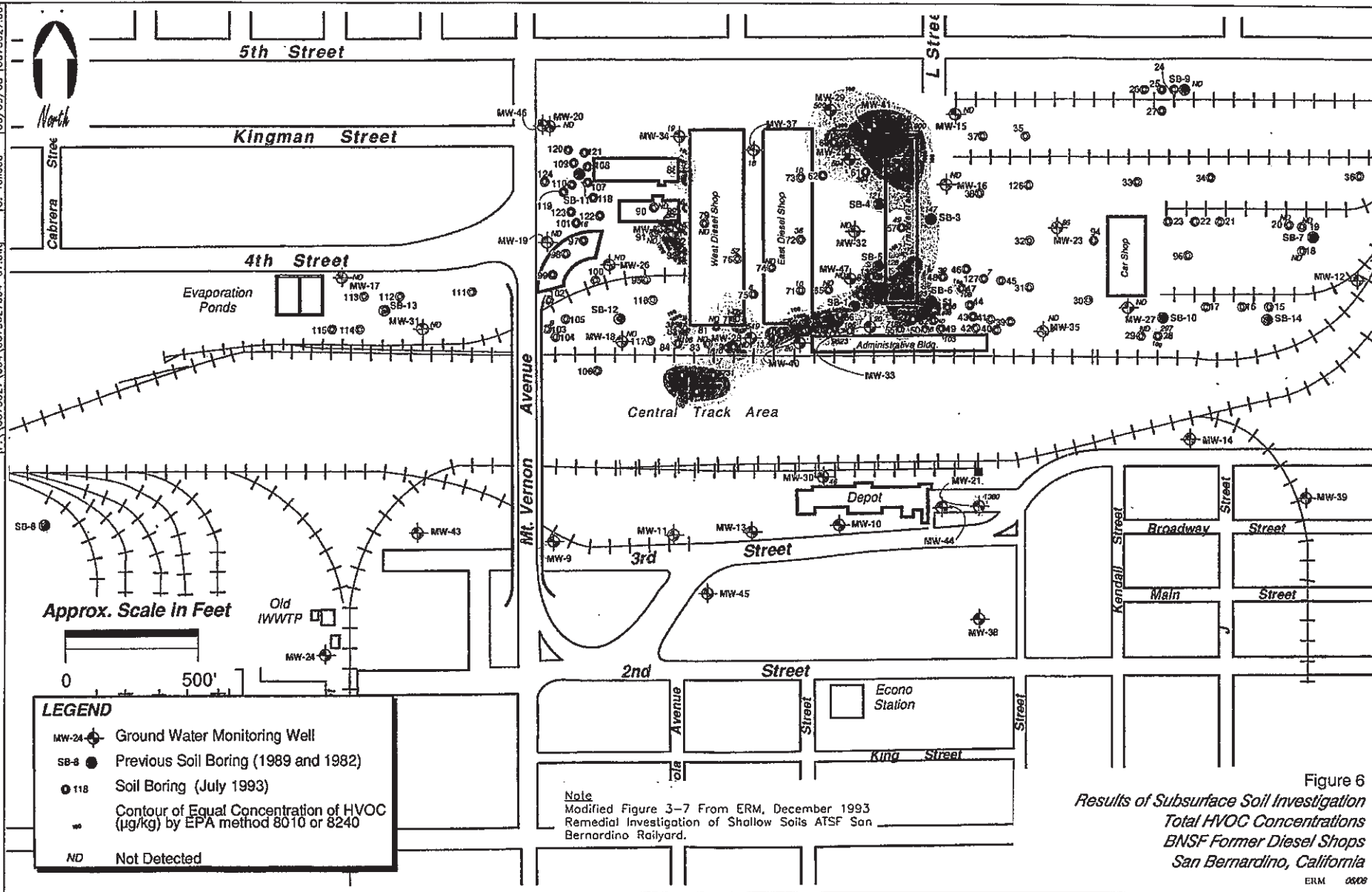
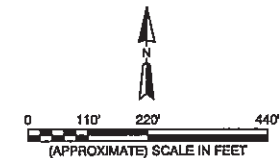
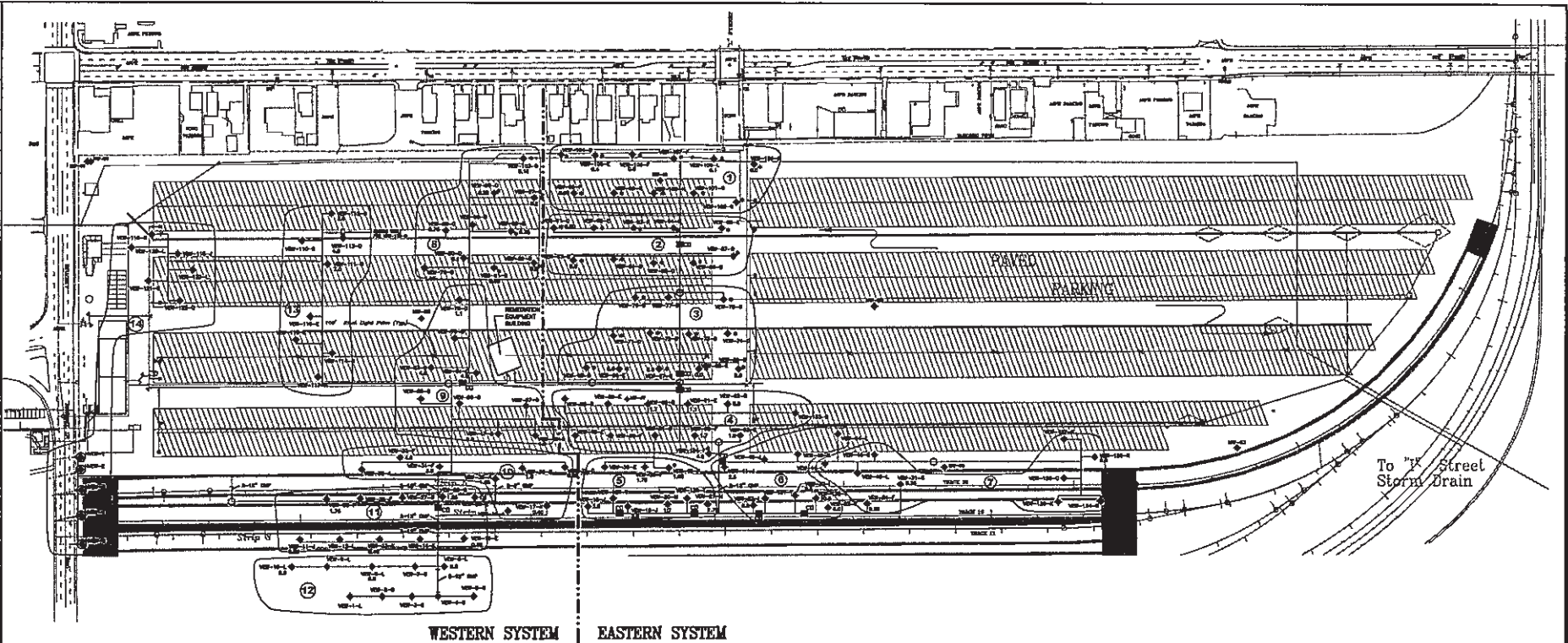


Figure 6
 Results of Subsurface Soil Investigation
 Total HVOC Concentrations
 BNSF Former Diesel Shops
 San Bernardino, California

CAD File: F:\007502\004\0075027004-01.dwg
 Drawn By: C. Tallada
 Date: 05/09/08
 Project No: 0075027004



LEGEND			
MW-41	Ground Water Monitoring Well	CO	Clean-out
VEW-27-G	Vertical VES Well	*	Extraction Header Cleanout in Vault
HVEW-1	Horizontal VES Well	—	Trench Layout with VES Pipe Size
②	Designated Group of VES Wells	Screen Location of Horizontal VES Well
CMP	Corrugated Metal Pipe (Sleeves Under Tracks)		Parking Stalls
P/B	Electrical Pull Box		

GENERAL NOTES

1. THE INTERMODAL FACILITY DRAINAGE IMPROVEMENTS AND ASPHALT PARKING LOT LAYOUT WERE PROVIDED BY HDR ENGINEERING INC. IN FEBRUARY 1995.
2. LOCATIONS OF SITE STRUCTURES ARE APPROXIMATE. AS-BUILT FOR VEW-1 THROUGH VEW-15, AND HVEW-1 THROUGH HVEW-5 PROVIDED BY ERM-WEST, INC. AS-BUILT FOR VEW-16 THROUGH VEW-134 PROVIDED BY TRC ENVIRONMENTAL SOLUTIONS, INC.
3. ALL VEW WELL VAULTS LOCATED SOUTH OF TRACK 11 AND WITHIN 170 ft NORTH OF TRACK 11, ARE RATED FOR "AIRPORT LOADING" CONDITIONS.
4. VEW WELL VAULTS LOCATED IN THE AREA BEYOND 170 ft NORTH OF TRACK 11, ARE RATED FOR "H-20 LOADING" CONDITIONS.

Figure 7
 Vapor Extraction System
 BNSF Intermodal Facility
 San Bernardino, California

ERM 05/08

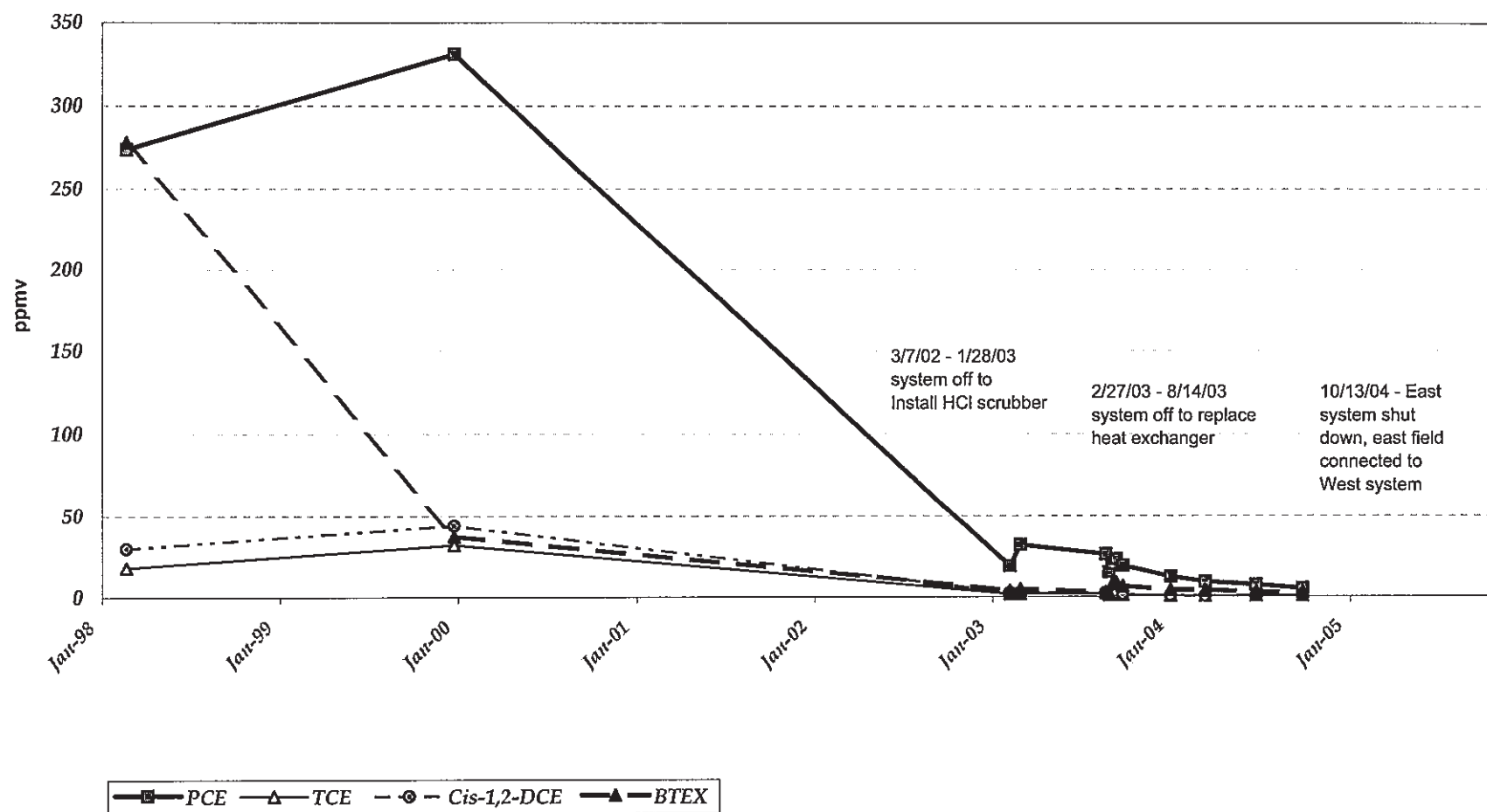


Figure 8
Analytical Trends - Eastern VES

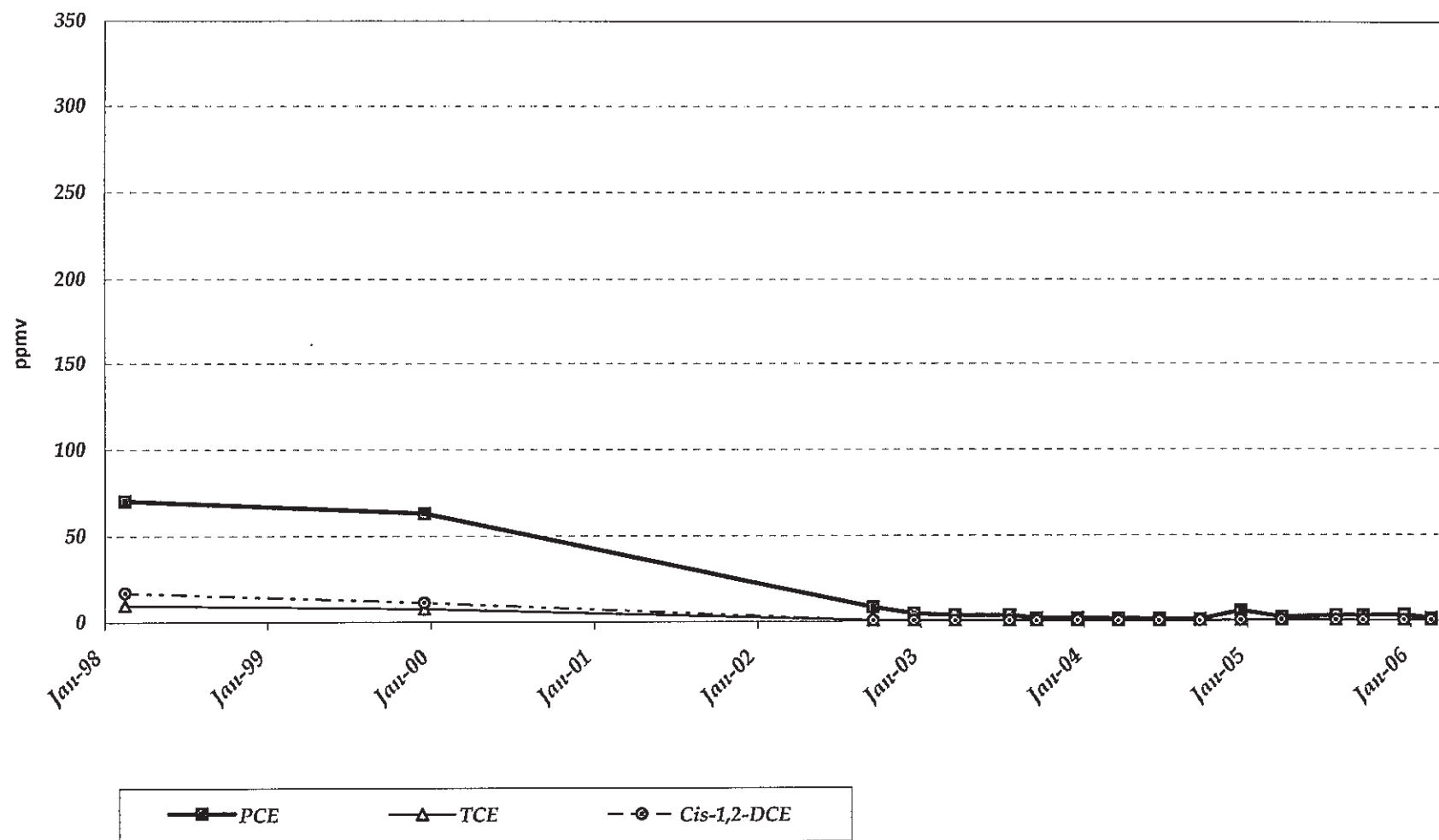


Figure 9
Analytical Trends - Western VES

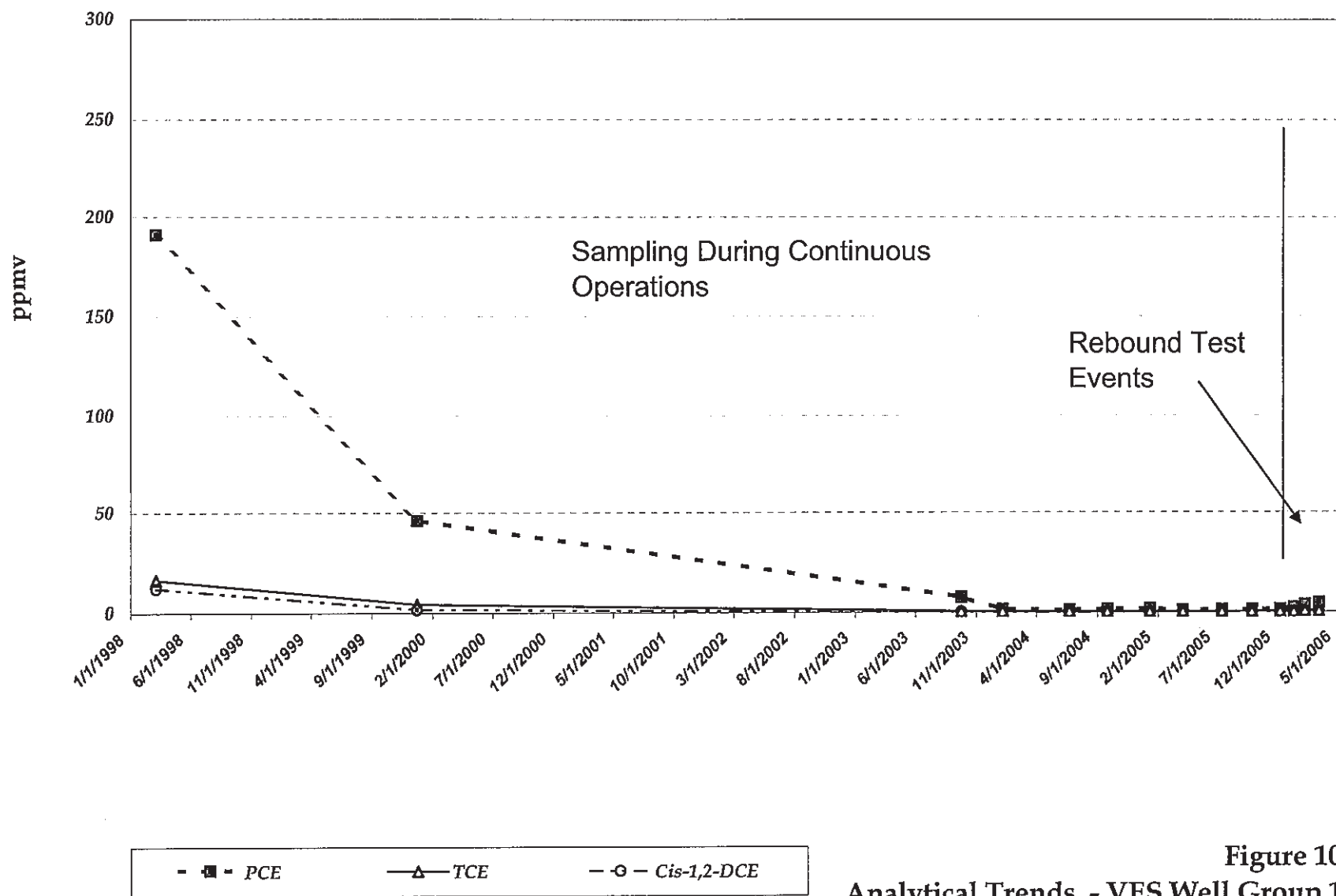


Figure 10
Analytical Trends - VES Well Group 1

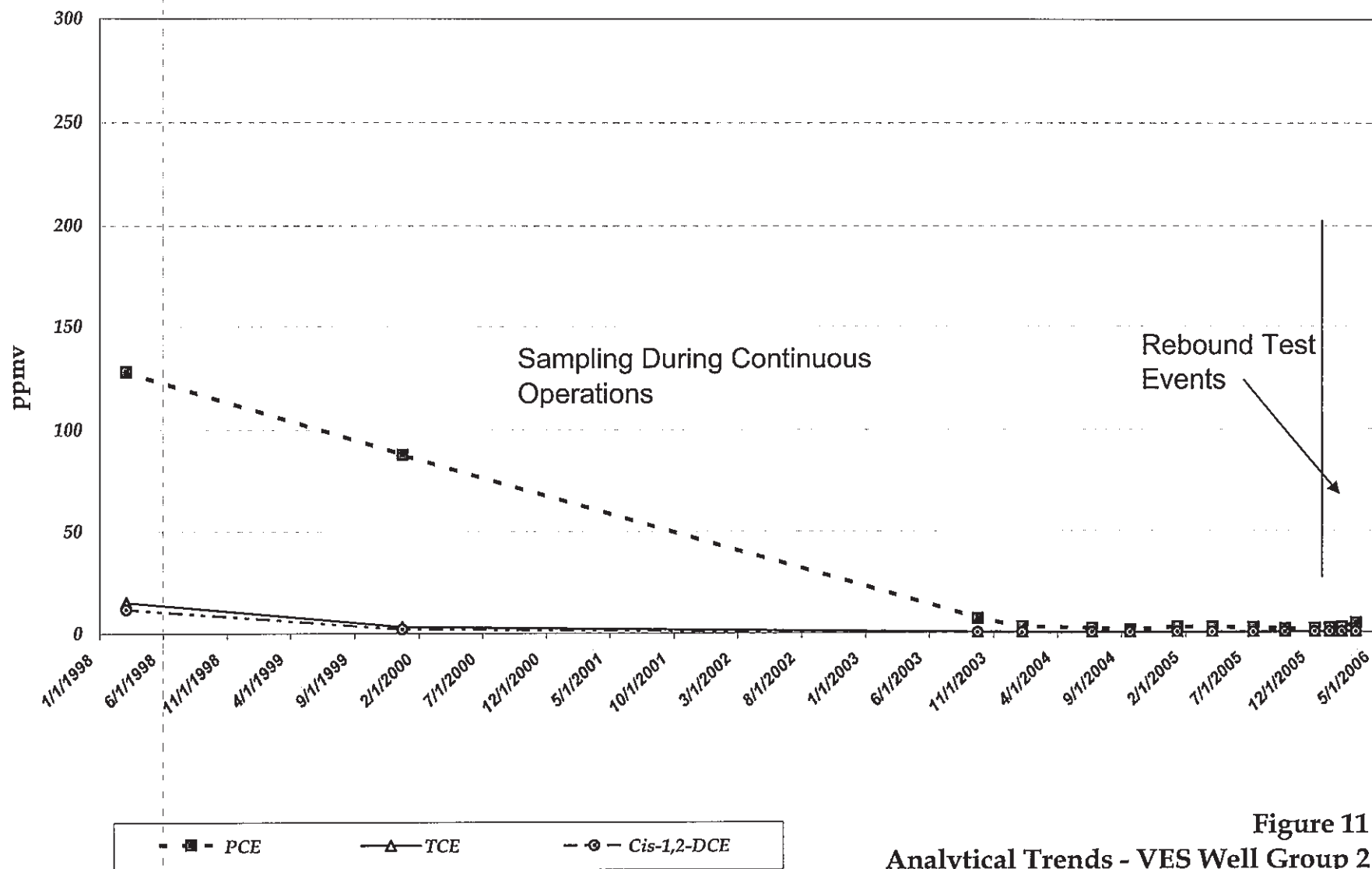


Figure 11
Analytical Trends - VES Well Group 2

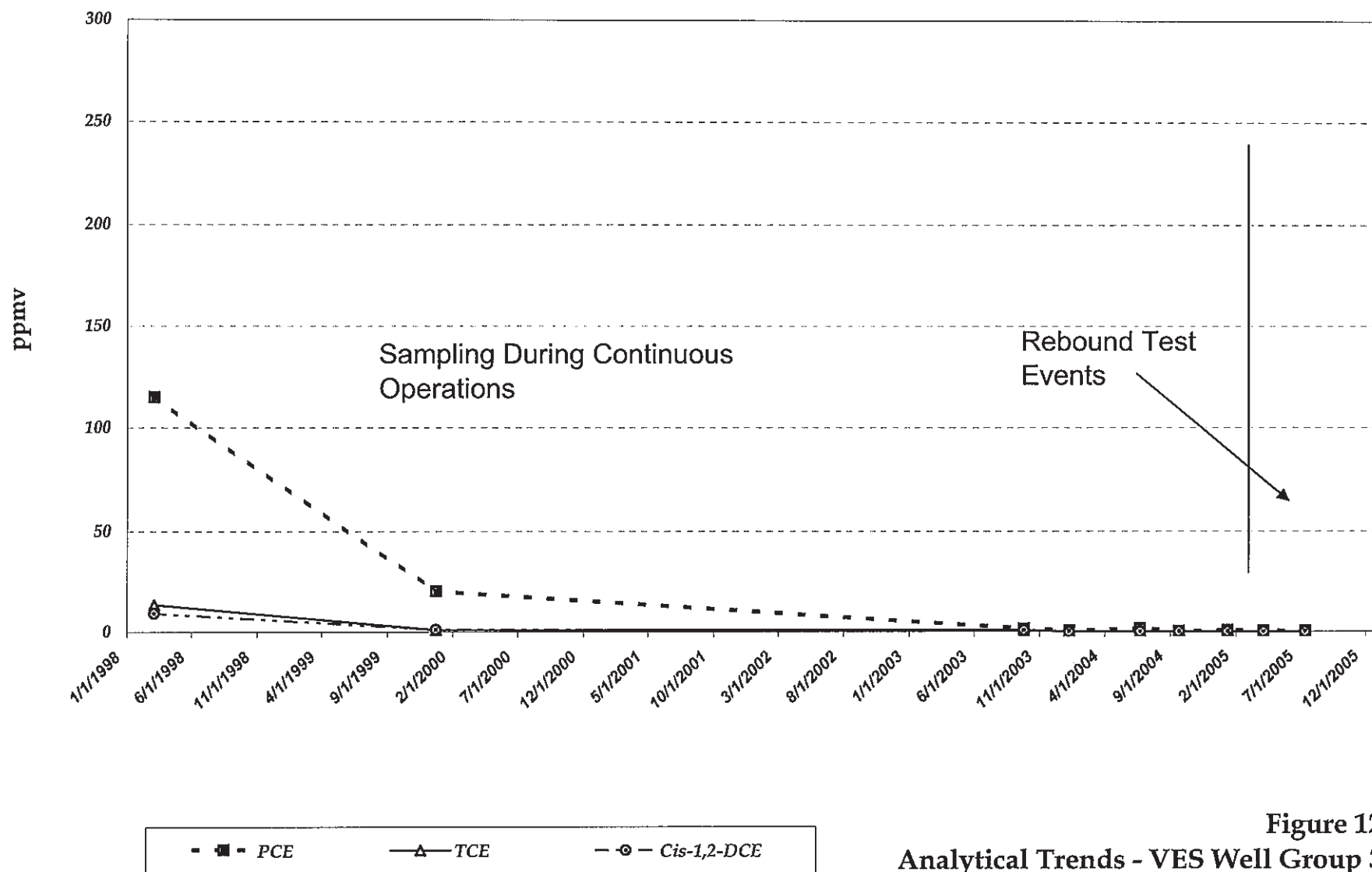


Figure 12
Analytical Trends - VES Well Group 3

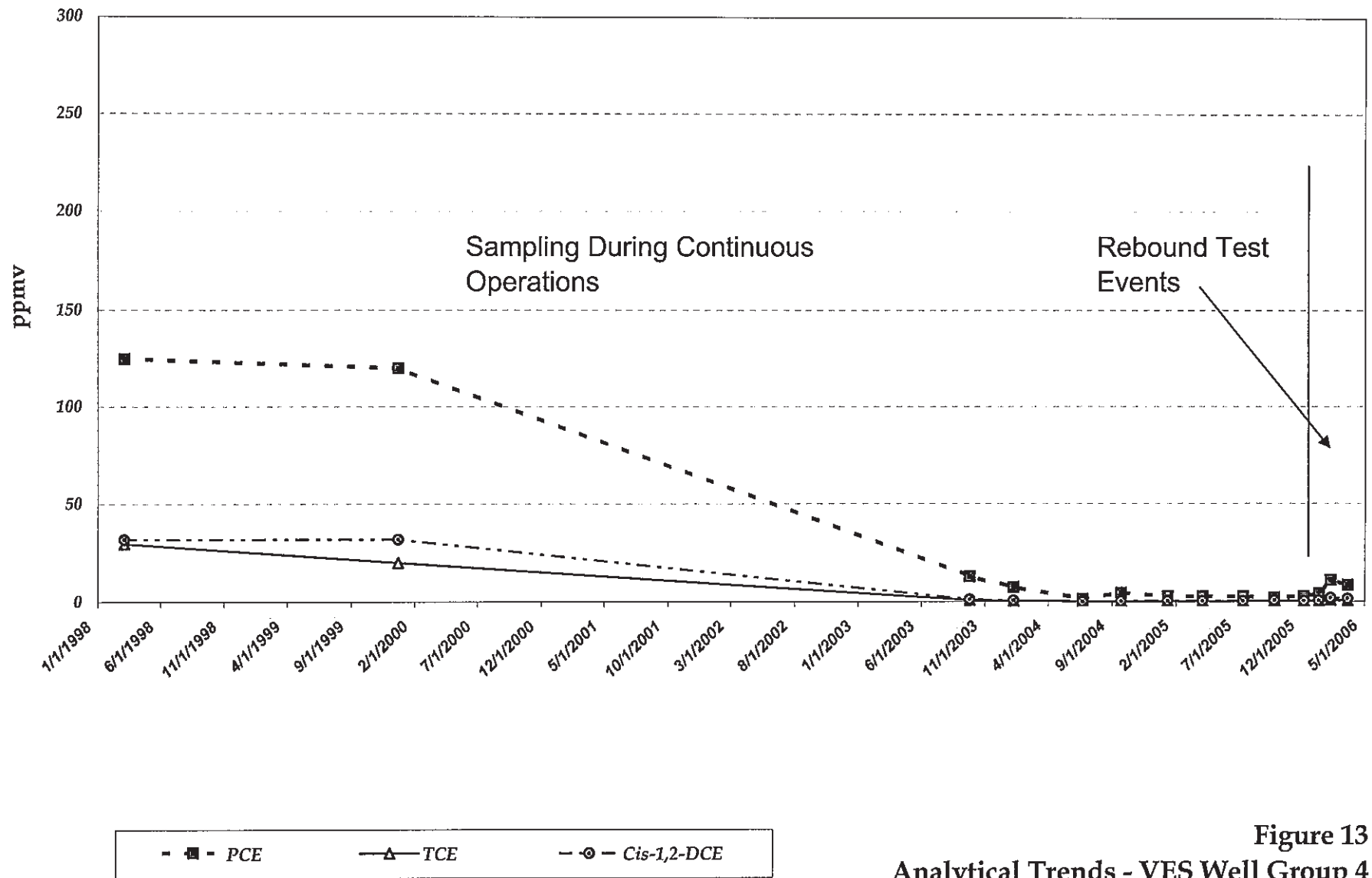


Figure 13
Analytical Trends - VES Well Group 4

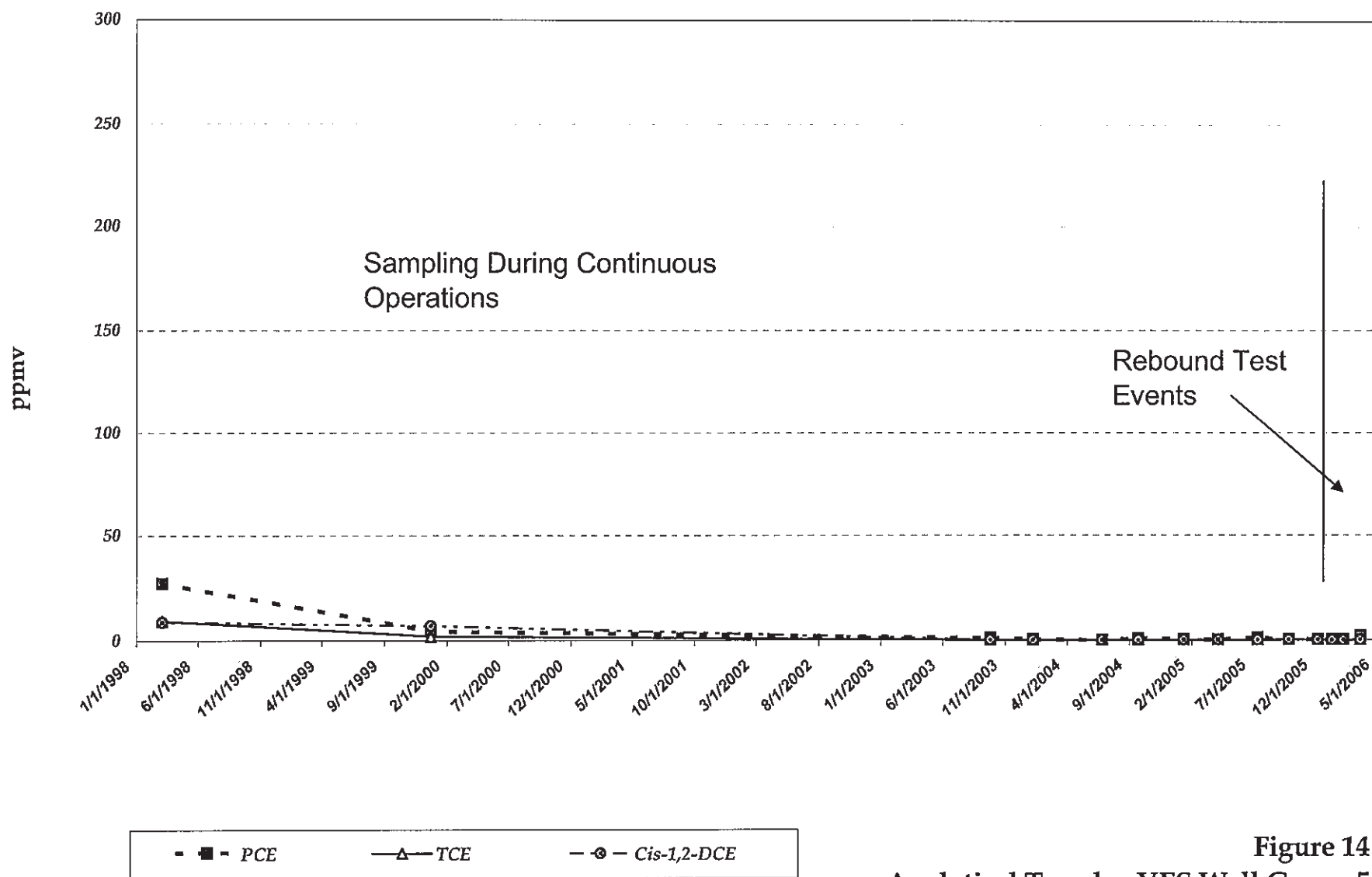


Figure 14
Analytical Trends - VES Well Group 5

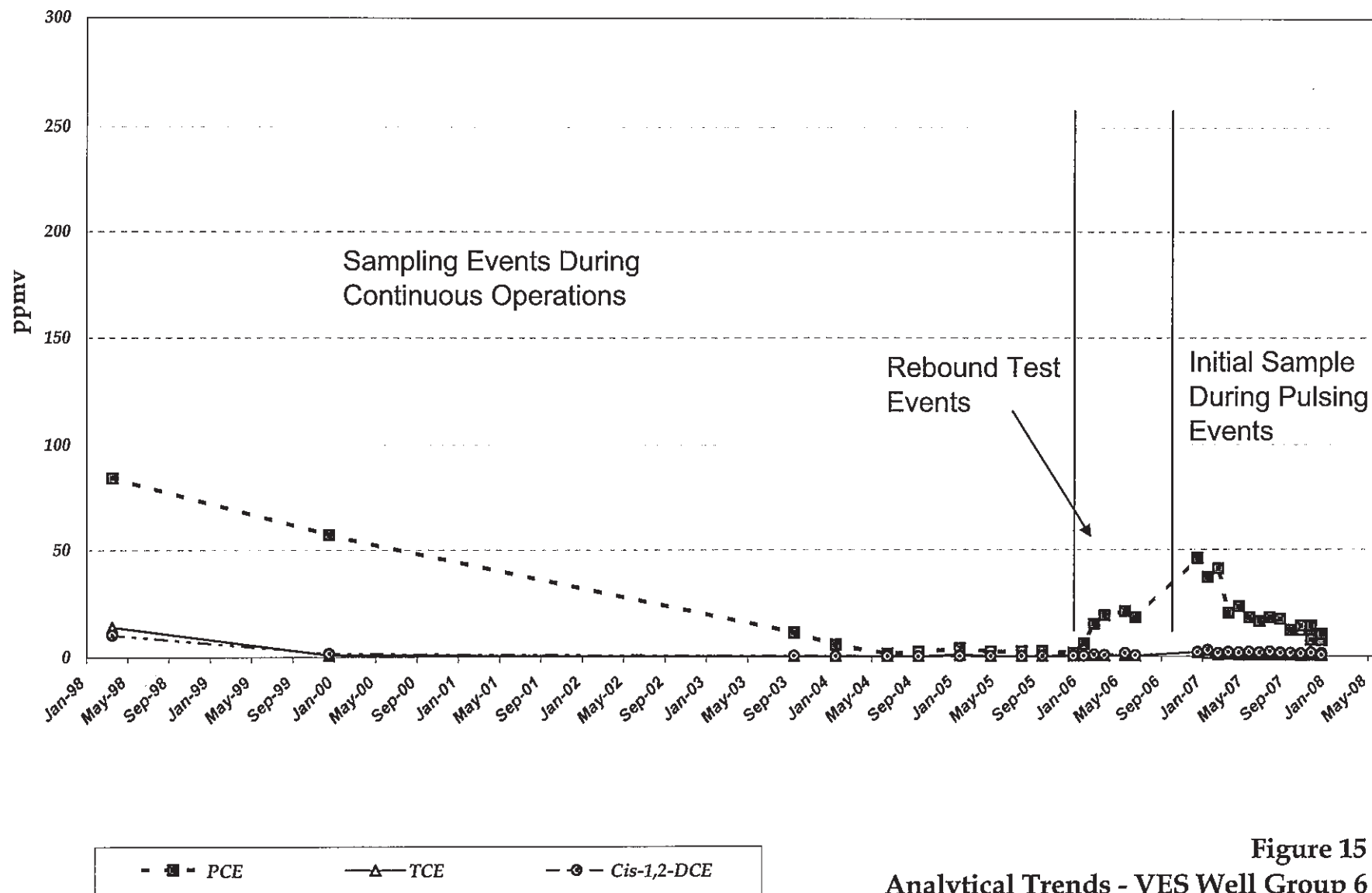


Figure 15
Analytical Trends - VES Well Group 6

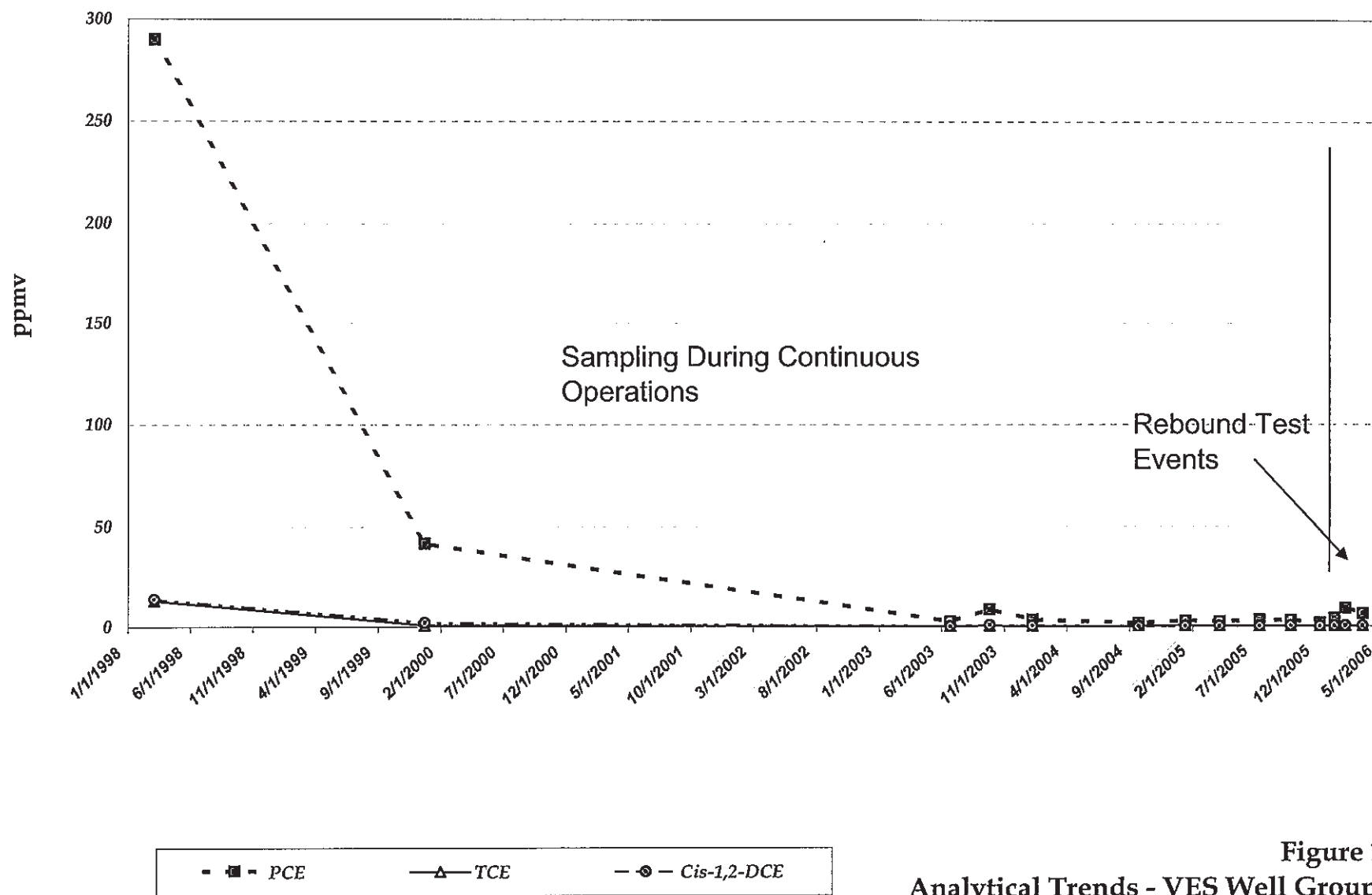


Figure 16
Analytical Trends - VES Well Group 7

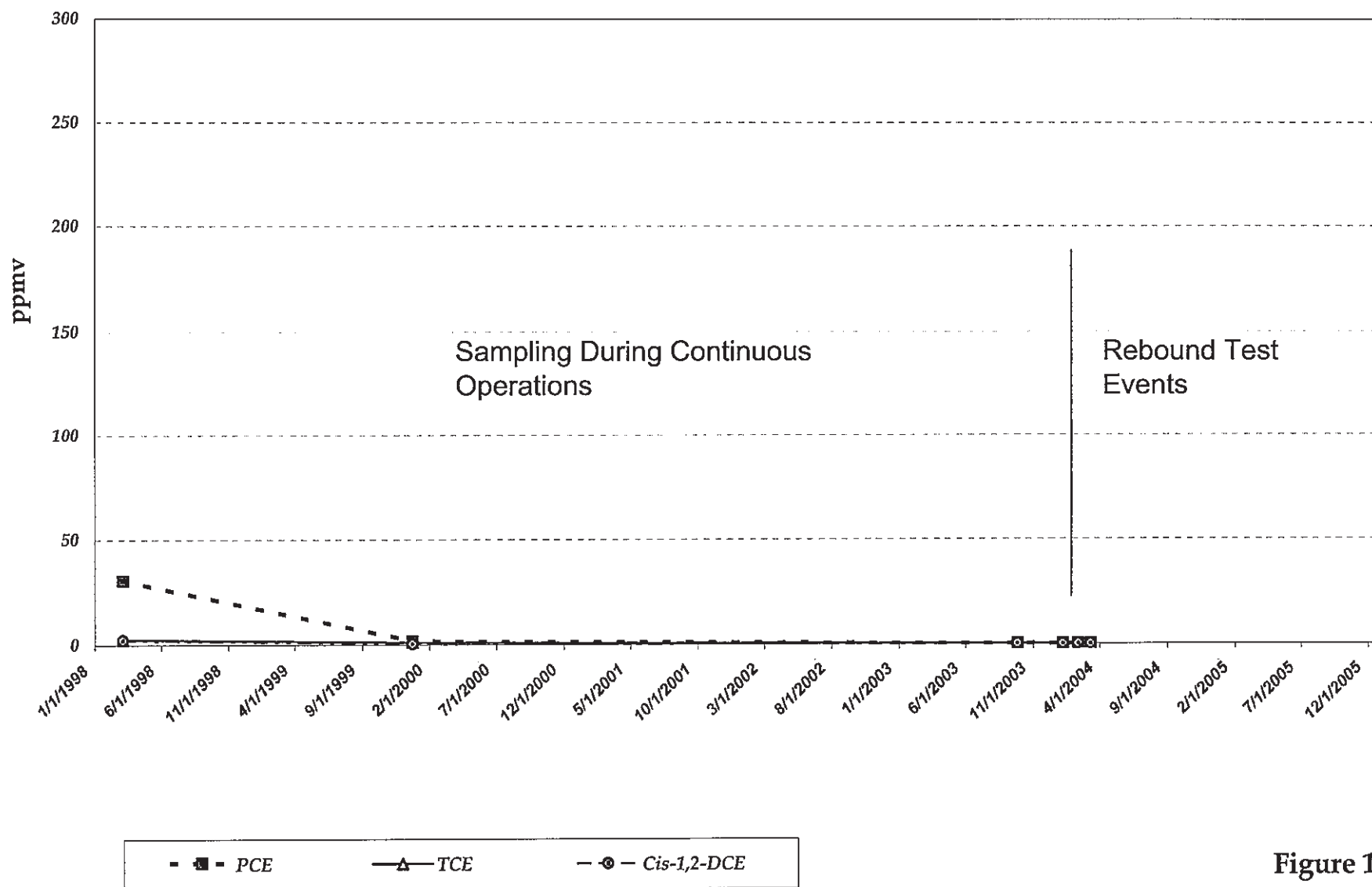


Figure 17
Analytical Trends - VES Well Group 8

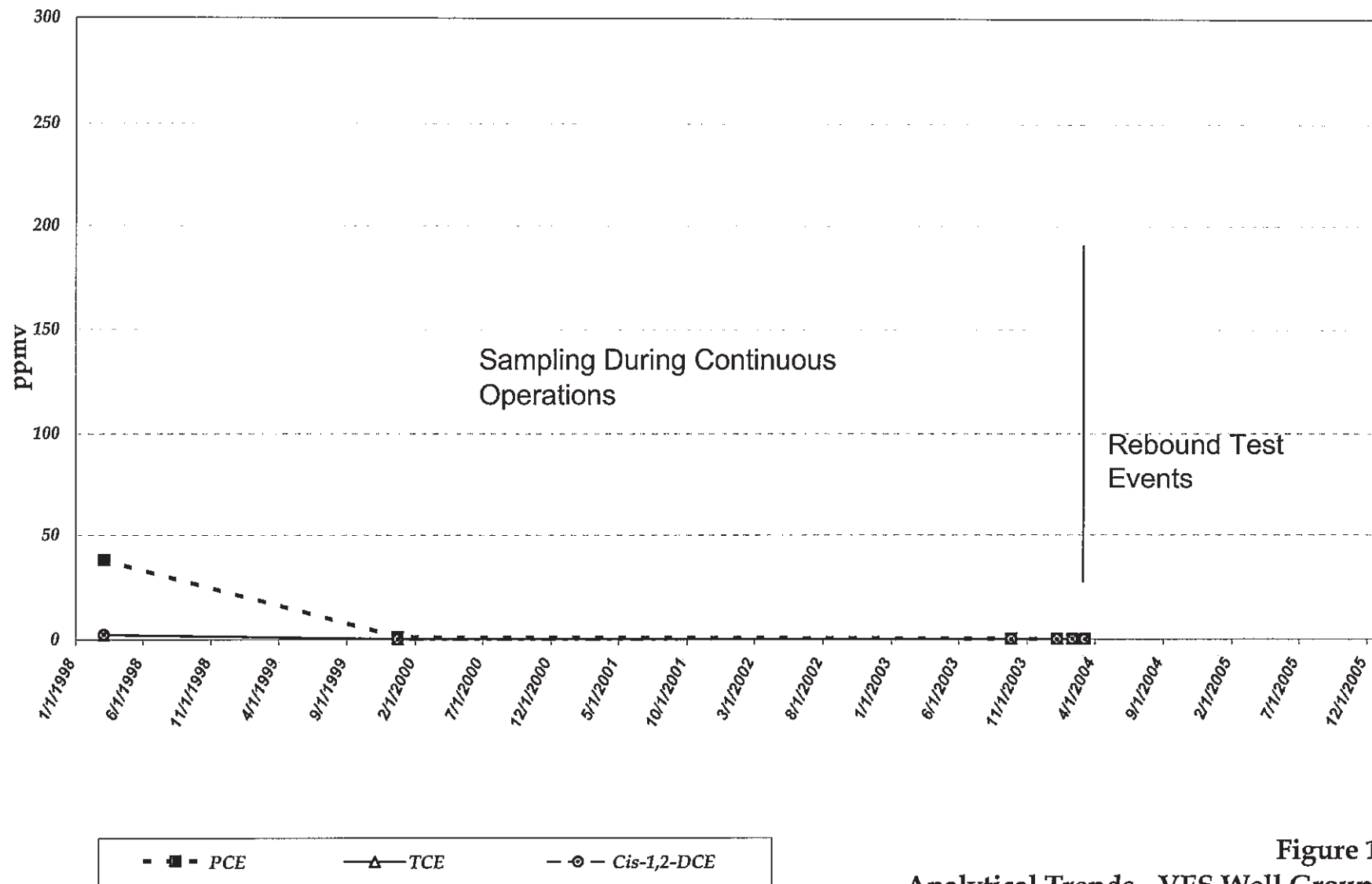


Figure 18
Analytical Trends - VES Well Group 9

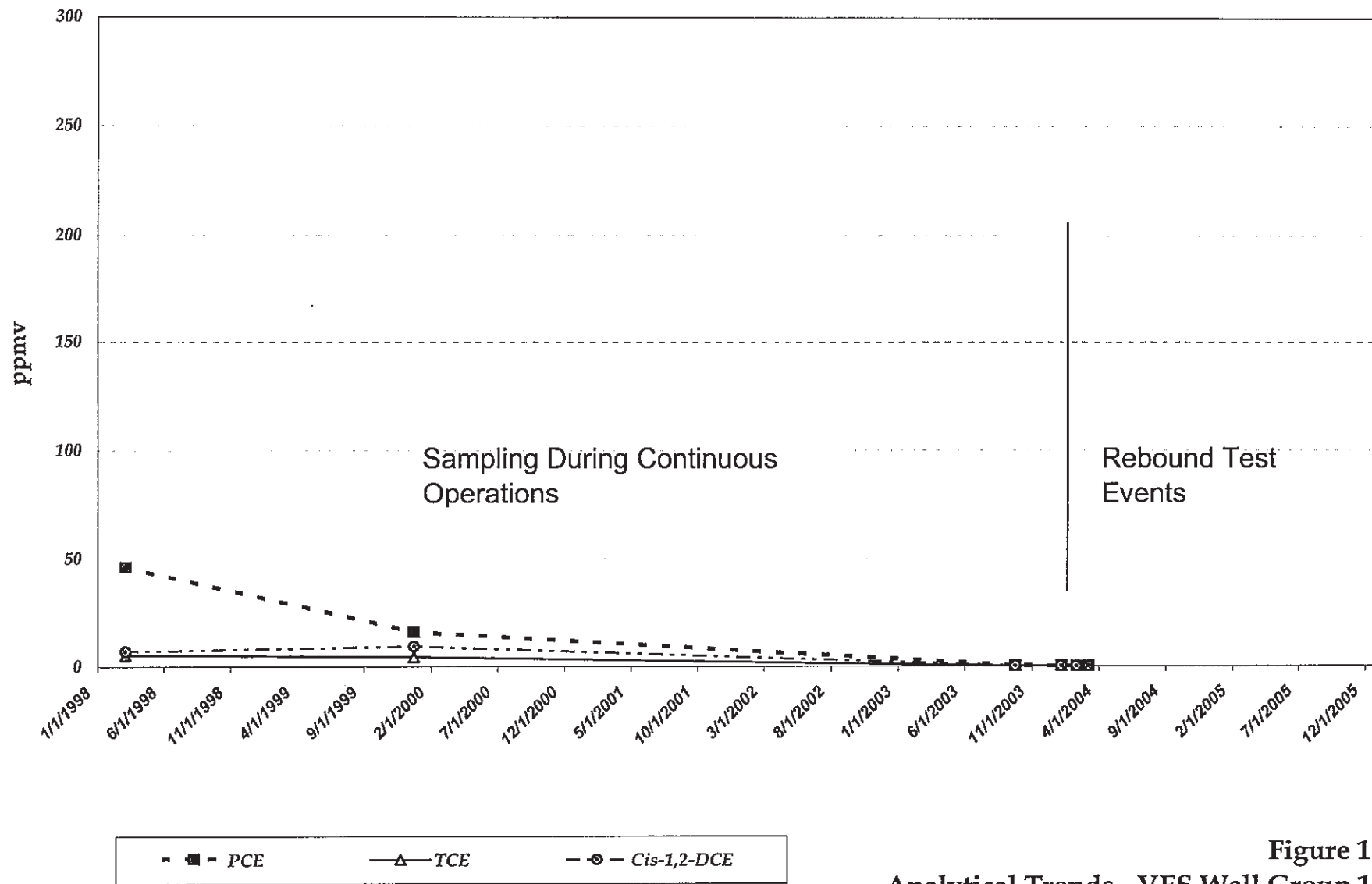


Figure 19
Analytical Trends - VES Well Group 10

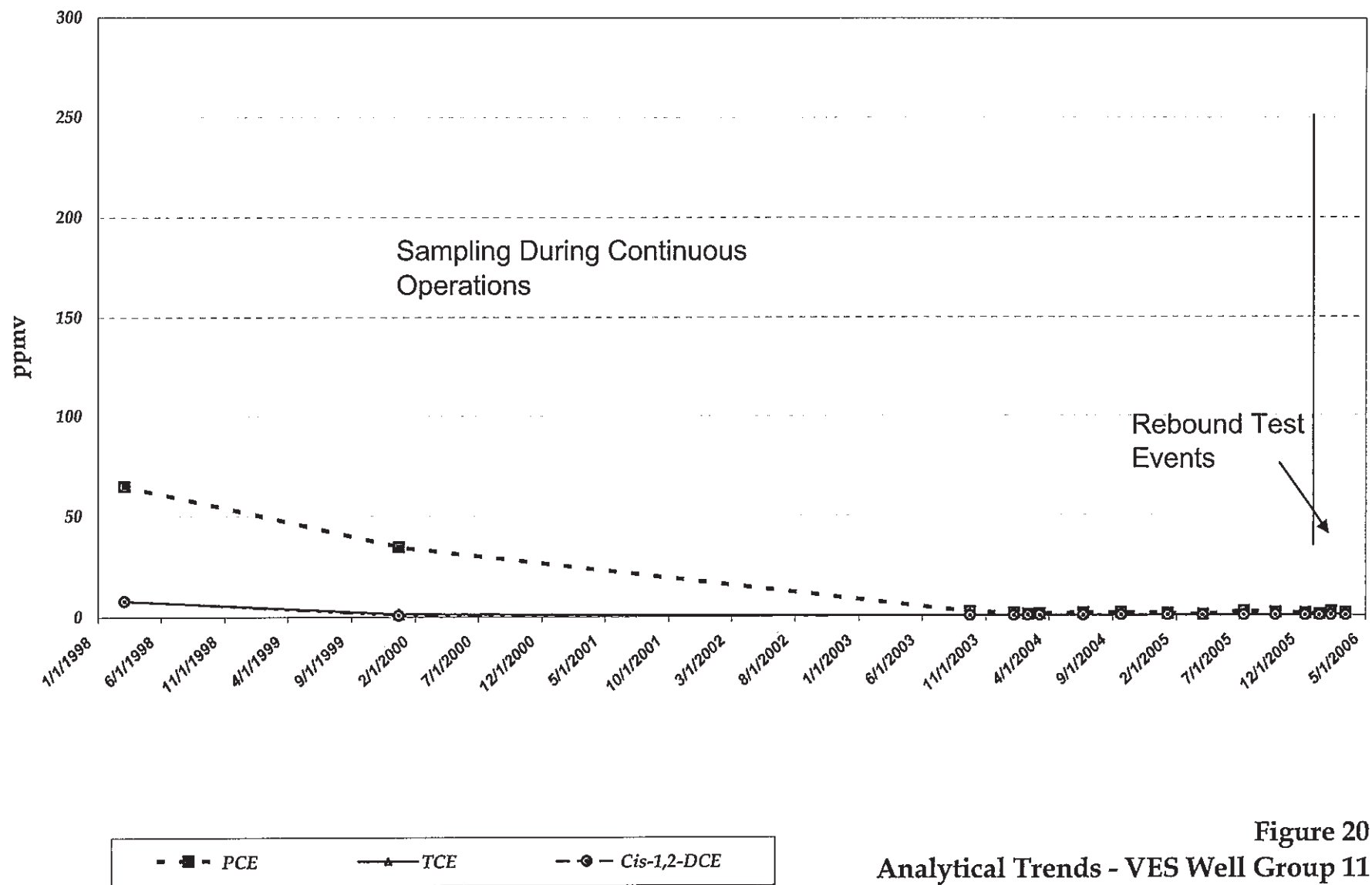


Figure 20
Analytical Trends - VES Well Group 11

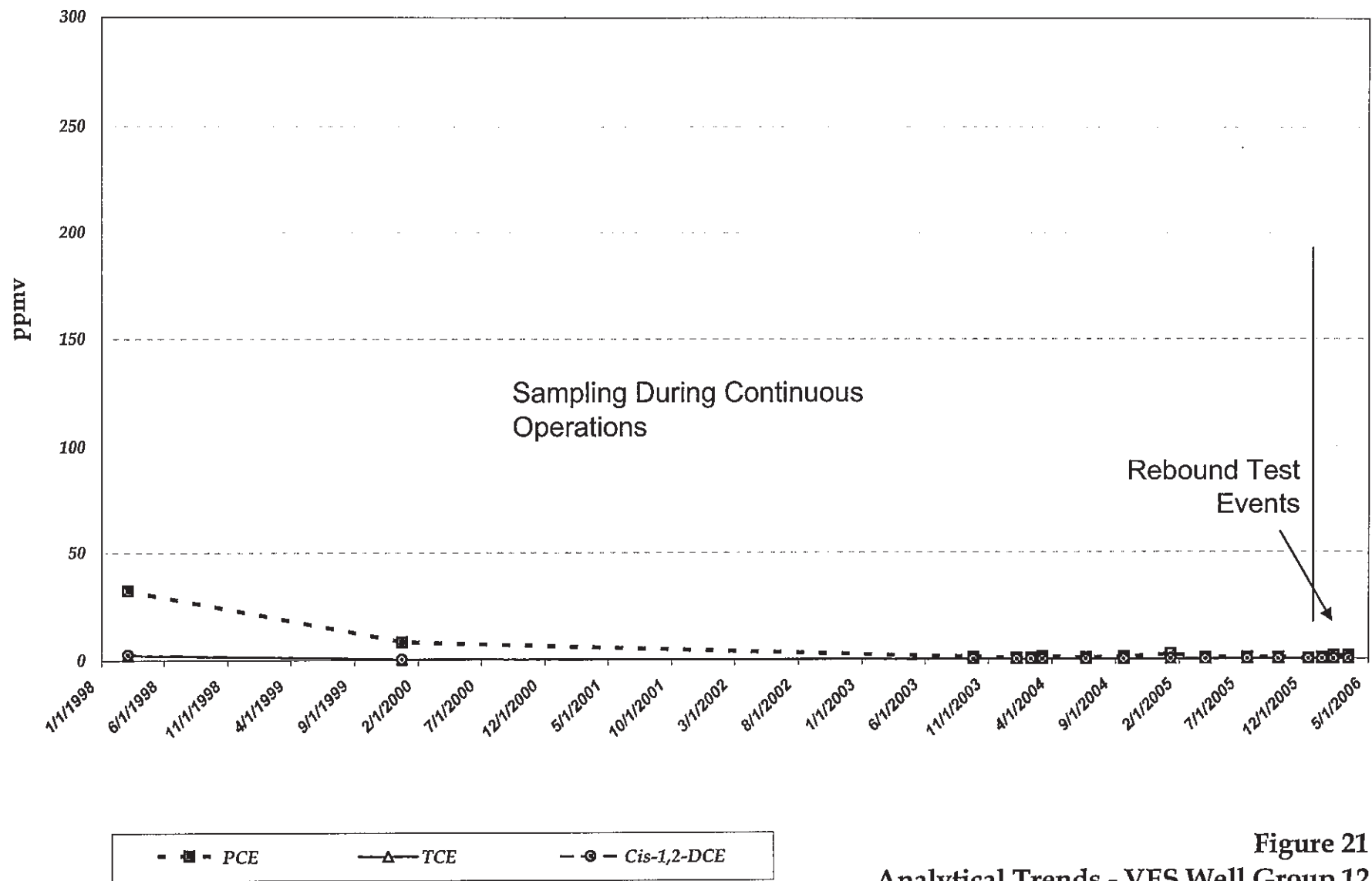


Figure 21
Analytical Trends - VES Well Group 12

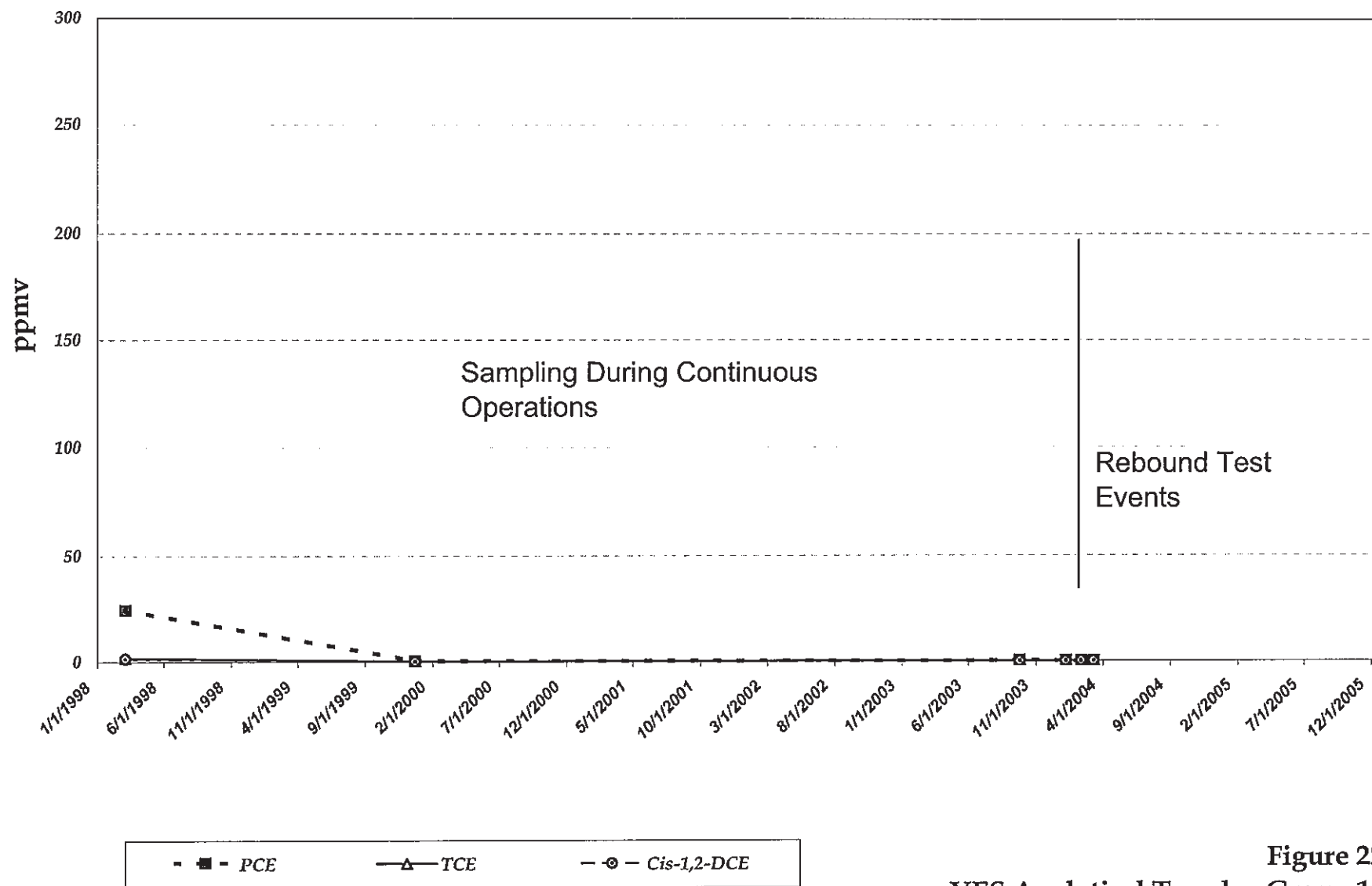


Figure 22
VES Analytical Trends - Group 13

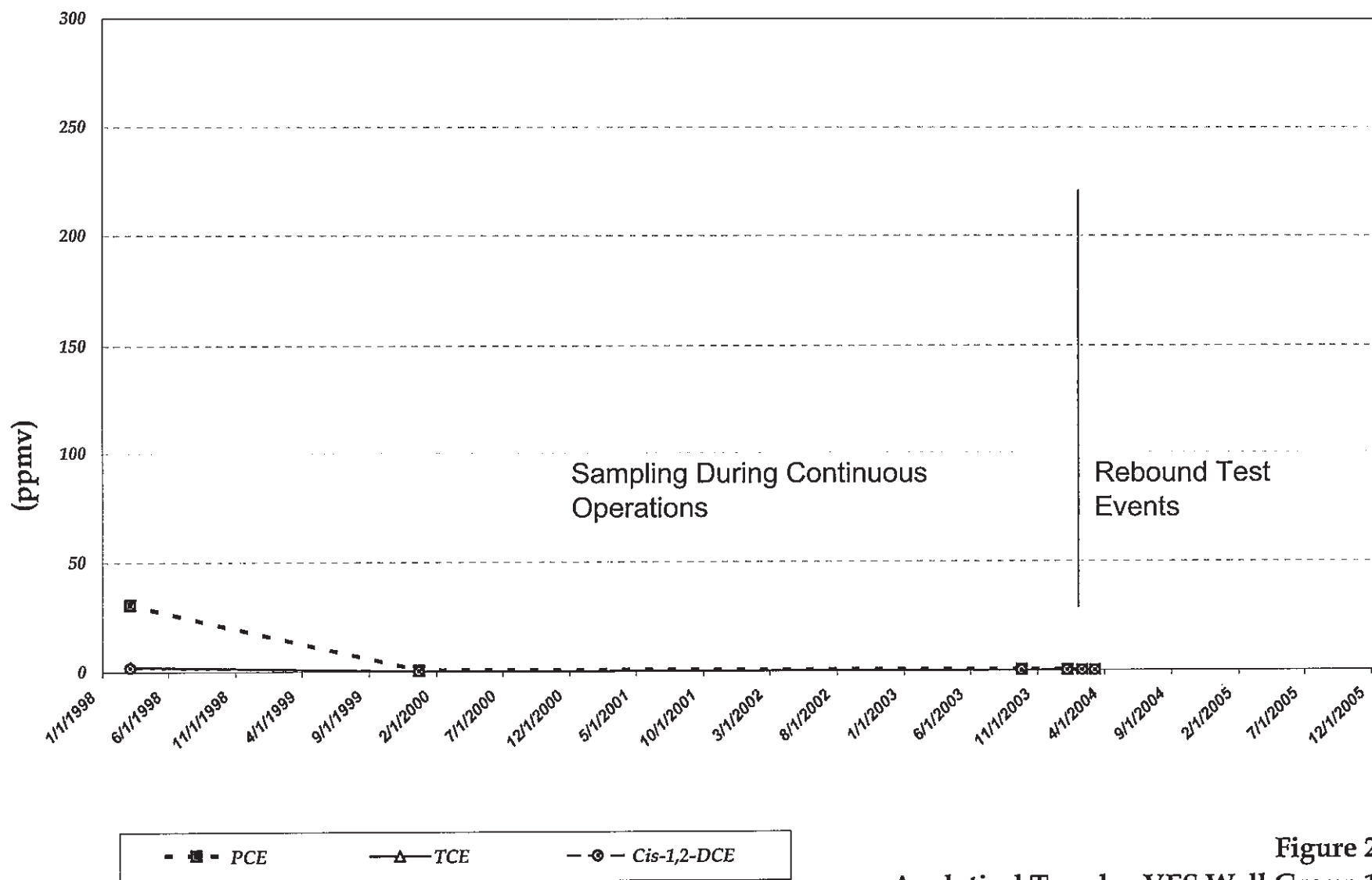


Figure 23
Analytical Trends - VES Well Group 14

Photographs



Aerial View - 1993

PHOTOGRAPH 1

ERM
0075027.004

***BNSF Former Diesel Shops
San Bernardino, CA***

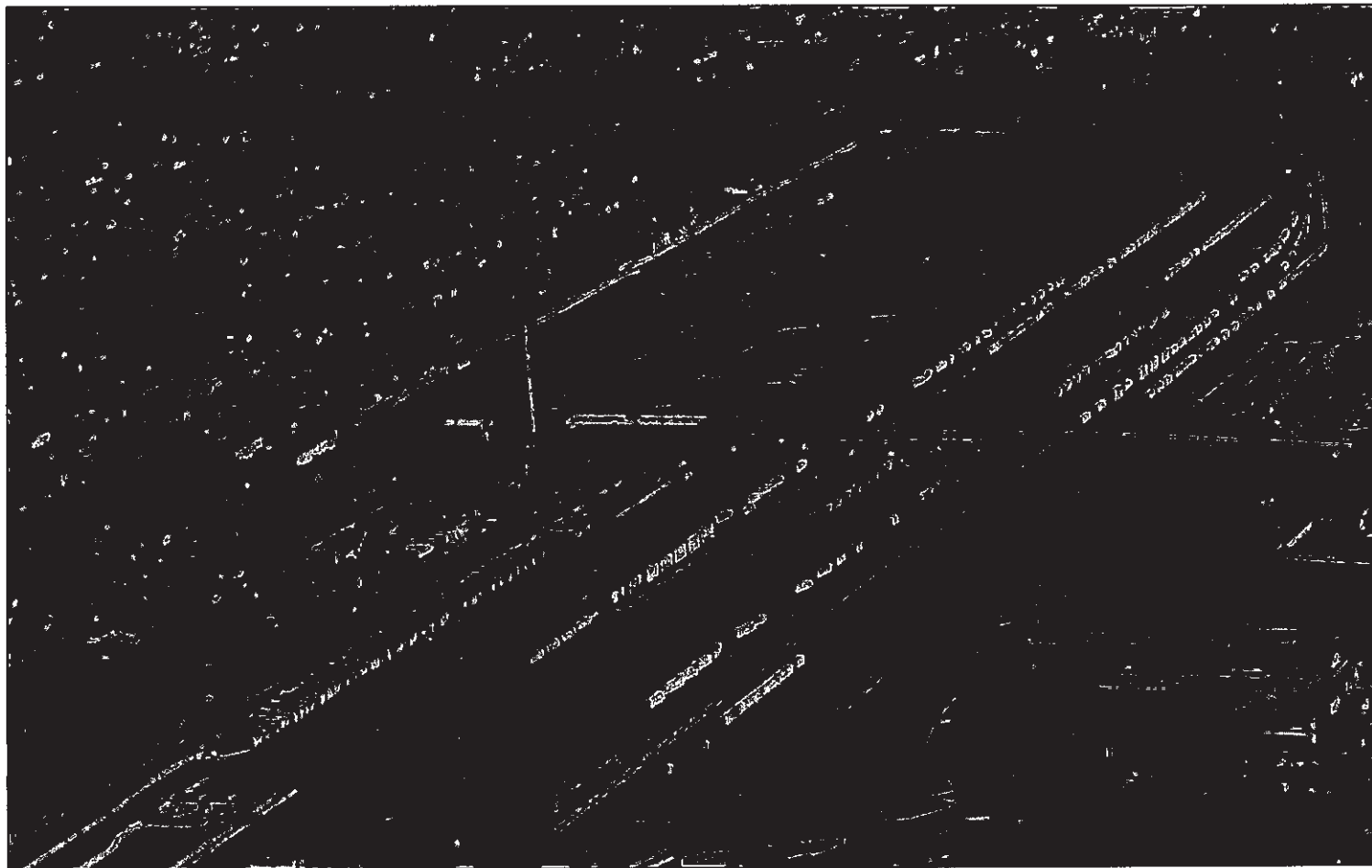


Aerial View - 1997

PHOTOGRAPH 2

ERM
0075027.004

***BNSF Intermodal Facility
San Bernardino, CA***



Oblique Aerial View (east-northeast) 1997

PHOTOGRAPH 3

ERM
0075027.004

***BNSF Intermodal Facility
San Bernardino, CA***

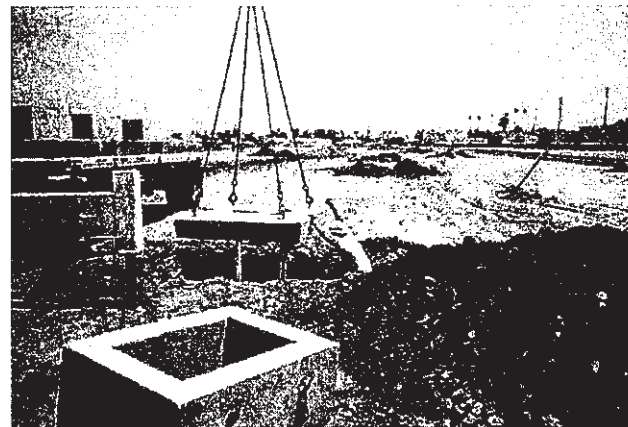


*Installation of VES Header Piping (view west) -
January 1996*

PHOTOGRAPH 4

ERM
0075027.004

**BNSF Intermodal Facility
San Bernardino, CA**



Installation of VES Well Vault (view east) - 1997

PHOTOGRAPH 5

ERM
0075027.004

**BNSF Intermodal Facility
San Bernardino, CA**

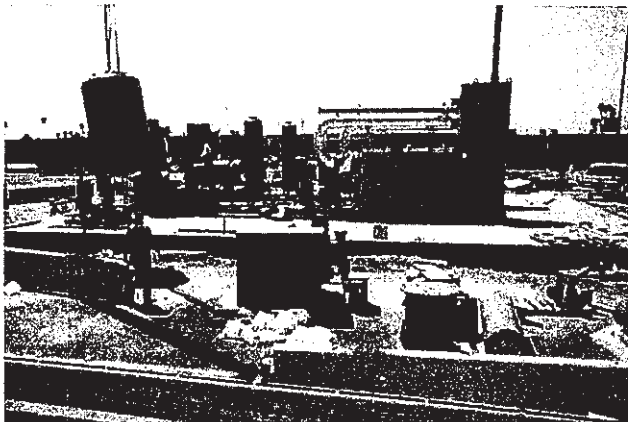


*Interior view of VES injection/extraction well vault
(showing manual and solenoid valves) - 1997*

PHOTOGRAPH 6

ERM
0075027.004

**BNSF Intermodal
Facility
San Bernardino, CA**



Installation of VTS Equipment (view west) - 1997

PHOTOGRAPH 7

ERM
0075027.004

BNSF Intermodal Facility
San Bernardino, CA

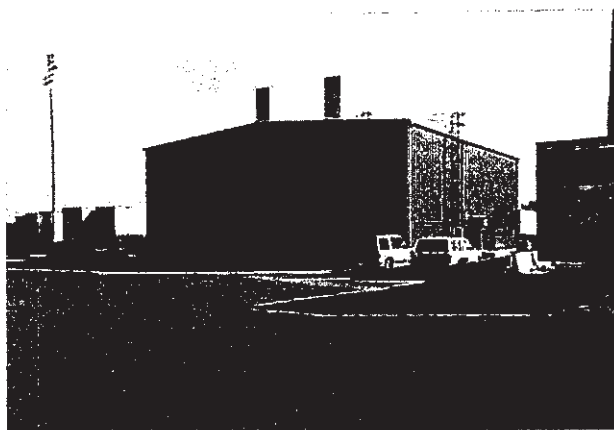


Installation of VTS Equipment Building (view south) - 1997

PHOTOGRAPH 8

ERM
0075027.004

BNSF Intermodal Facility
San Bernardino, CA

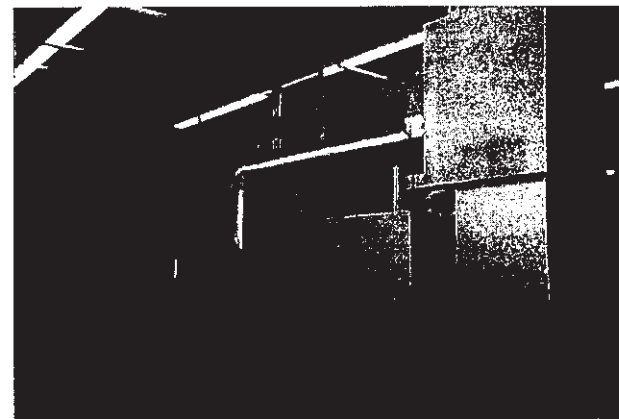


Completed VTS Building (view south-southeast) - January 1998

PHOTOGRAPH 9

ERM
0075027.004

BNSF Intermodal Facility
San Bernardino, CA

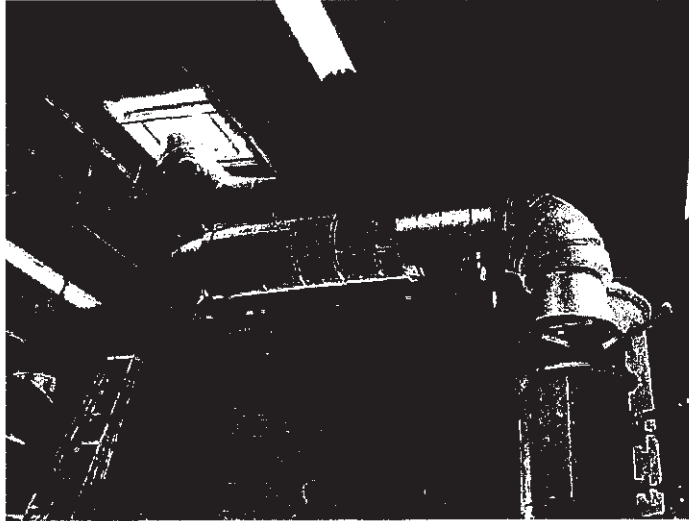


Eastern thermal oxidizer in completed VTS Building - January 1998

PHOTOGRAPH 10

ERM
0075027.004

BNSF Intermodal Facility
San Bernardino, CA

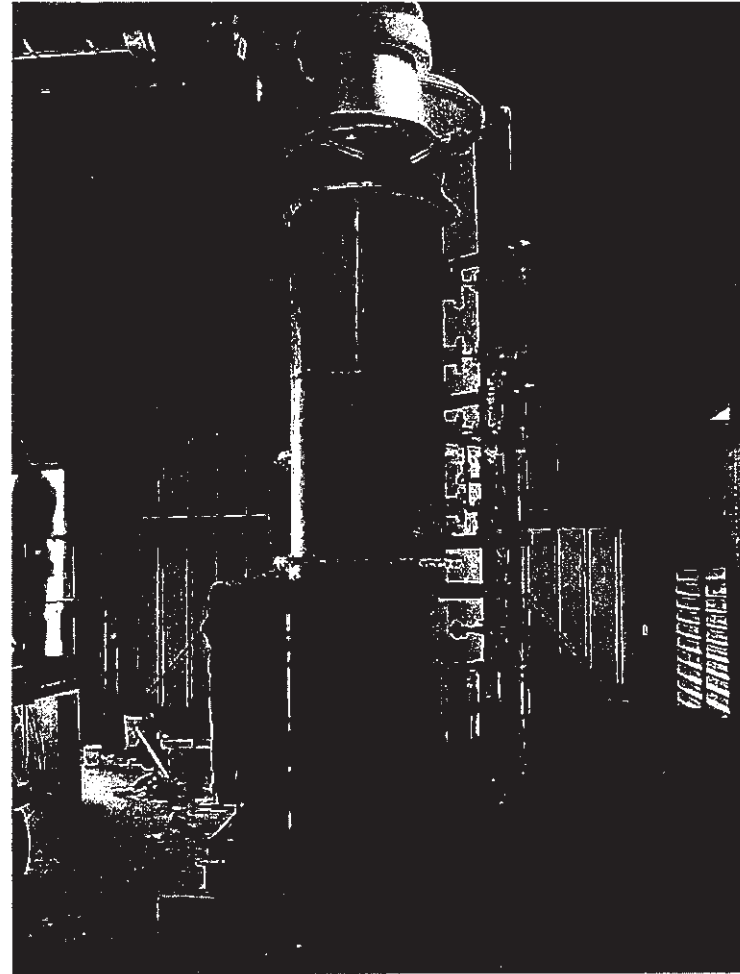


Installation of VTS Scrubber Equipment on eastern thermal oxidizer - 2002

PHOTOGRAPH 11

ERM
0075027.004

**BNSF Intermodal Facility
San Bernardino, CA**



Installation of VTS Scrubber Equipment on eastern thermal oxidizer - 2002

PHOTOGRAPH 12

ERM
0075027.004

**BNSF Intermodal Facility
San Bernardino, CA**

Tables

Table 1
Summary of Operations
Vapor Extraction/Vapor Treatment System
BNSF San Bernardino Facility

Month	Days Operated		Number of VE Wells Activated (average)		Estimated Pounds VOCs Removed ⁵						Estimated Pounds of Petroleum Hydrocarbons Biodegraded ⁶			Comments
	West ¹	East ²	West Field ³	East Field ⁴	West VTS (lbs/month)	West VTS (lbs/day)	East VTS (lbs/month)	East VTS (lbs/day)	Combined West/East Fields (lbs/month)	Combined West/East Fields (lbs/day)	West VES	East VES	Combined West/East	
Feb-98	22	21	55	55	4296	195	22867	1089	27163	1284	165,082	110,055	275,138	System startup on 01/26/98
Mar-98	27	27	35	32	1499	56	5040	187	6539	242	41,270	27,513	68,784	
Apr-98	28	29	12	6	219	8	559	19	778	27	15,677	14,857	30,534	
May-98	28	30	12	6	522	19	1033	34	1555	53	29,567	8,839	38,406	
Jun-98	29	29	12	6	301	10	424	15	725	25	20,469	9,061	29,530	
Jul-98	26	26	12	6	231	9	400	15	631	24	20,151	7,919	28,070	
Aug-98	28	27	12	6	245	9	410	15	655	24	21,387	8,103	29,490	
Sep-98	26	28	13	6	231	9	431	15	662	24	20,151	8,528	28,679	
Oct-98	31	31	13	6	365	12	202	7	567	18	32,319	9,717	42,036	
Nov-98	30	30	14	6	403	13	367	12	770	26	31,055	9,370	40,425	
Dec-98	31	26	15	6	416	13	371	14	787	28	32,108	8,199	40,307	
Total 1998	306	304			6728		32104		40832		429,236	222,161	651,397	
Jan-99	30	26	16	6	611	20	281	11	892	31	45,790	9,256	55,046	
Feb-99	26	15	17	6	352	14	211	14	563	28	39,231	4,496	43,727	
Mar-99	30	16	17	6	426	14	217	14	643	28	47,438	4,608	52,046	
Apr-99	25	26	17	6	526	21	325	13	851	34	35,902	4,580	40,482	
May-99	28	29	17	7	596	21	386	13	982	35	40,591	4,945	45,536	
Jun-99	30	30	16	7	472	16	423	14	895	30	43,343	5,132	48,475	
Jul-99	29	19	16	7	456	16	269	14	725	30	41,898	3,250	45,148	
Aug-99	31	31	16	7	426	14	500	16	926	30	38,970	15,443	54,413	
Sep-99	27	29	16	7	364	13	406	14	770	27	33,314	7,108	40,422	
Oct-99	31	30	16	7	420	14	428	14	848	28	38,468	7,477	45,945	
Nov-99	30	24	17	7	402	13	519	22	921	35	32,260	10,193	42,453	
Dec-99	29	29	18	6	379	13	409	14	788	27	30,438	10,964	41,402	
Total 1999	346	304			5130		4374		9504		467,643	87,452	555,095	
Jan-00	29	30	21	7	396	14	415	14	811	27	31,783	11,135	42,918	
Feb-00	23	17	21	8	312	14	232	14	544	27	25,010	6,217	31,227	
Mar-00	28	22	20	8	176	6	518	24	694	30	10,892	8,299	19,191	
Apr-00	28	29	18	8	383	14	400	14	783	27	26,145	10,845	36,990	
May-00	31	30	18	7	423	14	409	14	832	27	29,200	11,314	40,514	
Jun-00	29	29	18	8	360	12	513	18	873	30	30,630	9,048	39,678	
Jul-00	30	31	19	8	382	13	433	14	815	27	32,435	9,744	42,179	
Aug-00	31	31	19	8	392	13	491	16	883	28	33,353	9,708	43,061	
Sep-00	28	29	19	8	356	13	404	14	760	27	30,278	9,096	39,374	
Oct-00	30	30	20	7	450	15	416	14	866	29	43,926	9,525	53,451	
Jan-00	27	30	20	7	385	14	412	14	797	28	25,646	9,426	35,072	
Dec-00	28	30	20	7	283	10	348	12	631	22	41,314	9,311	50,625	
Total 2000	312	338			4296		4991		9289		360,612	115,668	476,280	

Table 1
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Vapor Extraction/Vapor Treatment System
BNSF San Bernardino Facility

Month	Days Operated		Number of VE Wells Activated (average)		Estimated Pounds VOCs Removed ⁵						Estimated Pounds of Petroleum Hydrocarbons Biodegraded ⁶			Comments
	West ¹	East ²	West Field ³	East Field ⁴	West VTS (lbs/month)	West VTS (lbs/day)	East VTS (lbs/month)	East VTS (lbs/day)	Combined West/East Fields (lbs/month)	Combined West/East Fields (lbs/day)	West VES	East VES	Combined West/East	
Jan-01	25	27	22	6	250	10	367	14	617	24	36,457	8,404	44,861	
Feb-01	20	25	26	4	225	11	315	13	540	24	29,891	7,772	37,663	
Mar-01	26	28	27	5	154	6	352	13	506	18	37,462	8,691	46,153	
Apr-01	29	29	48	8	399	14	362	12	761	26	57,463	8,586	66,049	
May-01	29	27	44	8	434	15	315	12	749	27	58,306	8,077	66,383	
Jun-01	28	26	39	8	386	14	382	15	768	28	56,392	8,317	64,709	
Jul-01	25	31	38	8	321	13	410	13	731	26	50,545	9,765	60,310	
Aug-01	31	26	38	7	361	12	346	13	707	25	61,463	8,163	69,626	
Sep-01	30	30	39	9	378	13	366	12	744	25	59,434	9,329	68,763	
Oct-01	28	29	40	10	311	11	364	13	675	24	51,112	19,993	71,105	
Nov-01	22	27	41	9	241	11	372	14	613	25	39,589	18,949	58,538	
Dec-01	31	30	41	9	342	11	379	13	721	24	56,355	20,802	77,157	
Total 2001	324	335	376	81	3802	130	4330	132	8132	262	515,449	136,846	652,295	
Jan-02	30	30	40	9	327	11	402	13	729	24	43,873	20,505	64,378	
Feb-02	28	27	41	9	327	12	372	14	699	25	40,178	18,935	59,113	
Mar-02	31	11	43	10	329	11	150	12	459	22	44,033	7,739	51,772	03/07 - East shutdown for installation of scrubber
Apr-02	20	0	43	0	261	13	0	0	261	13	37,279	0	37,279	
May-02	28	0	43	0	355	13	0	0	355	13	50,839	0	50,839	05/08 - Secured modified air discharge permit
Jun-02	29	0	44	0	370	13	0	0	370	13	58,404	0	58,404	
Jul-02	29	0	45	0	346	12	0	0	346	12	59,128	0	59,128	
Aug-02	29	0	46	0	334	12	0	0	334	12	57,167	0	57,167	
Sep-02	30	0	48	0	516	17	0	0	516	17	54,531	0	54,531	
Oct-02	31	0	48	0	423	14	0	0	423	14	56,225	0	56,225	12/10 - Secured wastewater discharge permit
Nov-02	29	0	47	0	398	14	0	0	398	14	52,857	0	52,857	12/18 - East startup (dilution air only)
Dec-02	30	3	47	22	356	12	0	0	356	12	55,259	0	55,259	12/21 - East shutdown due to scaling in scrubber
Total 2002	344	31	471	22	4312	130	904	30	5246	160	609,773	17,179	626,952	
Jan-03	29	6	47	35	346	12	269	45	615	57	53,676	4,140	57,816	01/28 - East startup
Feb-03	27	12	47	45	296	11	804	67	1100	78	48,436	31,405	79,841	02/27 - East shutdown due to heat exchanger failure
Mar-03	29	0	47	0	352	12	0	0	352	12	46,742	0	46,742	
Apr-03	29	0	48	0	379	13	0	0	379	13	46,677	0	46,677	
May-03	31	0	49	0	475	15	0	0	475	15	50,694	0	50,694	
Jun-03	30	0	48	0	427	14	0	0	427	14	48,603	0	48,603	
Jul-03	22	0	48	0	241	11	0	0	241	11	36,340	0	36,340	
Aug-03	26	16	50	56	279	11	839	52	1118	63	42,352	37,050	79,402	08/14 - East startup with new heat exchanger
Sep-03	28	28	53	63	286	10	1718	61	2004	72	44,876	49,070	93,946	
Oct-03	31	28	55	65	257	8	1434	51	1691	60	49,968	48,173	98,141	
Nov-03	26	27	56	65	268	10	647	24	915	34	41,972	46,308	88,280	
Dec-03	30	29	56	65	128	4	946	33	4	37	26,216	30,846	57,062	
Total 2003	336	146	549	309	3734	127	6677	243	9021	360	536,551	146,599	683,150	

Table 1
Summary of Operations
Vapor Extraction/Vapor Treatment System
BNSF San Bernardino Facility

Month	Days Operated		Number of VE Wells Activated (average)		Estimated Pounds VOCs Removed ⁵						Estimated Pounds of Petroleum Hydrocarbons Biodegraded ⁶			Comments
	West ¹	East ²	West Field ³	East Field ⁴	West VTS (lbs/month)	West VTS (lbs/day)	East VTS (lbs/month)	East VTS (lbs/day)	Combined West/East Fields (lbs/month)	Combined West/East Fields (lbs/day)	West VES	East VES	Combined West/East	
Jan-04	30	30	47	35	346	12	269	9	615	21	53,676	4,140	57,816	1/8 Well Groups 8, 9, 10, 13, 14 shut off, start rebound testing
Feb-04	26	27	17	65	18	1	316	12	334	12	3,361	13,888	17,249	
Mar-04	31	30	15	65	93	3	535	18	628	21	27,198	38,133	65,331	
Apr-04	30	20	20	65	112	4	352	18	464	21	26,099	25,078	51,177	
May-04	31	21	20	65	116	4	367	17	483	21	26,996	26,210	53,206	
Jun-05	29	27	20	65	87	3	479	18	566	21	25,419	29,010	54,429	
Jul-08	29	23	20	65	85	3	486	21	571	24	25,349	25,029	50,378	
Aug-04	30	31	20	65	88	3	544	18	632	20	26,396	32,917	59,313	
Sep-04	28	28	20	65	77	3	437	16	514	18	30,157	29,790	59,947	10/13 East VTS shut down, all wells connected to Western VTS
Oct-04 ⁷	31	12	20	60	298	10	137	11	435	21	32,922	13,171	46,093	
Nov-04	29	0	20	54	278	10	0	0	278	10	30,734	0	30,734	
Dec-04	30	0	20	54	489	16	0	0	489	16	54,643	0	54,643	
Totals 2004	334	219			2,067		922		609		362,950	237,366	600,316	
Jan-05	30	0	20	54	414	14	0	0	414	14	55,044	0	55,044	
Feb-05	27	0	20	54	375	14	0	0	375	14	49,911	0	49,911	
Mar-05	31	0	20	54	304	10	0	0	304	10	52,428	0	52,428	
Apr-05	30	0	20	54	292	10	0	0	292	10	50,480	0	50,480	
May-05	29	0	20	54	285	10	0	0	285	10	47,553	0	47,553	
Jun-05	30	0	20	54	293	10	0	0	293	10	48,760	0	48,760	
Jul-05	31	0	20	54	324	10	0	0	324	10	50,267	0	50,267	
Aug-05	31	0	20	54	244	8	0	0	244	8	50,365	0	50,365	
Sep-05	29	0	20	54	220	8	0	0	220	8	36,264	0	36,264	
Oct-05	29	0	20	54	208	7	0	0	208	7	35,787	0	35,787	
Nov-05	27	0	20	54	173	6	0	0	173	6	34,117	0	34,117	
Dec-05	7	0	20	54	64	9	0	0	64	9	6,465	0	6,465	
Totals 2005	331	0			3,196		0		3,196		2,517,441	0	2,517,441	
Cumulative totals - volume of VOCs (in pounds) removed during January 1998 through September 2005					35,617		57,282		92,899		3,878,676	1,091,666	4,970,342	

Notes:

1. Western vapor extraction system with thermal oxidizer - 3,500 scfm
2. Eastern vapor extraction system with thermal oxidizer - 3,500 scfm
3. West Field contains total of 66 wells
4. East Field contains total of 73 wells
5. Based on VOC inlet analyses by EPA Method TO-15 and/or extrapolated/estimated values based on average monthly PID readings of inlet vapor stream
6. Based on carbon dioxide and methane analyses by ASTM D11964 and/or extrapolated/estimated values, and petroleum hydrocarbons with average C12 carbon number
7. October 13, 2004 - Eastern thermal oxidizer was shut down and the East Field was connected to Western thermal oxidizer

Abbreviations:

ASTM = American Society for Testing and Materials
EPA = United States Environmental Protection Agency
lbs = Pounds
PID = Photoionization detector
scfm = Standard cubic feet per minute
VE = Vapor extraction
VES = Vapor extraction system
VOCs = Volatile organic compounds
VTS = Vapor treatment system

Table 2
Summary of Analytical Results
Inlet Vapor Samples - Eastern VTS

DATE	PCE	TCE	Cis-1,2- DCE	BTEX	Comments
2/19/1998	274	18	30	278.1	Most all of 73 total wells activated as extraction wells
12/23/1999	331	32.1	43.9	37.31	Sum of 7 individual group samples (BTEX from groups 6 and 7, only)
2/4/2003	19	1.7	2.3	3.62	52 VES wells
2/25/2003	32	1.8	2.4	4.38	52 VES wells
8/19/2003	26	1.9	2.2	2.79	57 VES wells
8/26/2003	15	0.88	1.2	1.77	61 VES wells
9/2/2003	20	1.2	1.5	7.9	61 VES wells
9/9/2003	23	1.1	1.2	8.4	63 VES wells
9/23/2003	19	1.1	1.2	6.26	64 VES wells
12/30/2003	12	0.54	0.54	4.18	65 VES wells
3/10/2004	8.9	0.36	0.31	3.64	65 VES wells
6/22/2004	7.1	0.33	0.32	2.87	65 VES wells
9/25/2004	4.7	0.4	0.47	2.71	65 VES wells

Notes:

Values are in parts per million by volume (ppmv)

Eastern VTS shut down on 10/13/04 after Eastern VES wells connected to Western VTS

Table 3
Summary of Analytical Results
Inlet Vapor Samples - Western VTS

DATE	PCE	TCE	Cis-1,2-DCE	comments
2/19/1998	70.40	9.80	17.30	Most of the 66 VES wells activated as extraction wells
12/23/1999	63.06	7.70	11.40	Sum of 7 groups of wells
9/24/2002	8.40	0.71	0.65	49 VES wells
12/31/2002	4.60	0.50	0.50	47 VES wells
3/25/2003	3.50	0.30	0.30	47 VES wells
7/1/2003	3.50	0.44	0.29	48 VES wells
9/19/2003	1.70	0.20	0.21	54 VES wells
12/31/2003	1.70	0.24	0.26	57 VES wells
3/10/2004	1.40	0.21	0.22	20 VES wells (VES Well Groups 11 and 12)
6/22/2004	1.20	0.12	0.14	20 VES wells (VES Well Groups 11 and 12)
9/21/2004	1.10	0.12	0.13	20 VES wells (VES Well Groups 11 and 12)
12/28/2004	6.10	0.52	0.52	74 VES wells (East and West Fields combined)
3/22/2005	2.30	0.59	0.62	74 VES wells (East and West Fields combined)
7/12/2005	3.20	0.40	0.39	74 VES wells (East and West Fields combined)
9/26/2005	3.10	0.28	0.34	74 VES wells (East and West Fields combined)
12/6/2005	3.40	0.30	0.31	74 VES wells (East and West Fields combined)
2/9/2006	1.40	0.54	0.35	66 VES wells (West Field, only)

Notes:

Values are in parts per million by volume (ppmv)

Eastern VES wells (73 wells) connected to Western VTS on 10/13/04

Table 4
Summary of Analytical Results
VES Well Group 1

	PCE	TCE	Cis-1,2-DCE	B	T	E	X	
3/5/98	191.0000	16.2000	12.0000	1.1000	1.1000	1.1000	3.2000	BTEX<RL
12/23/99	46.0000	4.2000	1.6000	1.6000	6.4000	1.6000	4.8000	BEX < RL
9/24/03	7.3000	0.5000	0.1000	0.0028	0.0041	0.0028	0.0056	BTEX<RL
1/6/04	1.4000	0.1900	0.0540	0.0019	2.4000	0.3700	2.2100	
6/22/04	0.8300	0.1000	0.0190	0.0150	0.0150	0.0150	0.0030	BTEX<RL
9/26/04	1.5000	0.1300	0.0270	0.0150	0.0150	0.0150	0.0029	BTEX<RL
1/11/05	1.6000	0.0900	0.0580	0.0075	0.0075	0.0075	0.0150	BTEX<RL
4/5/05	0.8400	0.1300	0.0210	0.0008	0.0008	0.0008	0.0016	BTEX<RL
7/12/05	1.0000	0.1200	0.0200	0.0078	0.0013	0.0008	0.0016	BEX < RL
9/26/05	1.1000	0.2300	0.1400	0.0078	0.0078	0.0078	0.0016	BTEX<RL
12/6/05	1.4000	0.2100	0.0900	0.0390	0.4300	0.1100	0.6800	
1/10/06	2.1000	0.2200	0.0460	0.0008	0.0011	0.0008	0.0016	BEX < RL
2/7/06	3.5000	0.6700	0.1300	0.0300	0.0300	0.0300	0.0610	BTEX<RL
3/14/06	4.6000	0.5300	0.1200	0.0310	0.0310	0.0310	0.0620	BTEX<RL
% reduction	98.2	97.1	99.2	98.1	98.1	98.1	98.7	
(based on average of rebound test results)								

Notes:

Results are in parts per million by volume (ppmv)

RL = Laboratory reporting limit

RL value entered when constituent is below RL (higher RL for p/m-xylene used for X)

Data following 12/06/2005 (shaded) are results of rebound test samples

Group 1 (11 VES wells) approved for deactivation in March 2006 based on results of rebound testing

Table 5
Summary of Analytical Results
VES Well Group 2

	PCE	TCE	Cis-1,2-DCE	B	T	E	X	
3/5/98	128.0000	15.2000	11.7000	1.1000	1.2000	1.1000	3.3000	BE <RL
12/23/99	88.0000	3.2000	2.0000	2.0000	2.0000	2.0000	5.9000	BTEX<RL
9/24/03	6.9000	0.3500	0.1100	0.0029	0.0030	0.0029	0.0058	BE <RL
1/8/04	2.8000	0.1800	0.0350	0.1200	1.6000	0.3000	1.6800	
6/22/04	2.0000	0.1100	0.0360	0.0140	0.0140	0.0140	0.0280	BTEX<RL
9/21/04	1.2000	0.0460	0.0290	0.0290	0.1300	0.0290	0.0580	BTEX<RL
1/12/05	2.6000	0.1700	0.0590	0.0073	0.0073	0.0073	0.0150	BTEX<RL
4/5/05	2.3000	0.1400	0.0490	0.0008	0.0015	0.0008	0.0016	BEX<RL
7/12/05	2.2000	0.0990	0.0320	0.0008	0.0009	0.0008	0.0016	BTEX<RL
9/26/05	1.5000	0.1200	0.1000	0.0078	0.0078	0.0078	0.0160	BTEX<RL
12/6/05	1.8000	0.1500	0.0810	0.0260	0.2800	0.0680	0.4120	
1/10/06	1.9000	0.2000	0.0680	0.0008	0.0011	0.0008	0.0016	BEX<RL
2/8/06	2.2000	0.5200	0.0860	0.0290	0.0290	0.0290	0.0580	BTEX<RL
3/14/06	4.3000	0.5200	0.1200	0.0340	0.0340	0.0340	0.0670	BTEX<RL
% reduction	97.8	97.3	99.2	98.1	98.2	98.1	98.7	
(based on average of rebound test results)								

Notes:

Results are in parts per million by volume (ppmv)

RL = Laboratory reporting limit

RL value entered when constituent is below RL (higher RL for p/m-xylene used for X)

Data following 12/06/2005 (shaded) are results of rebound test samples

Group 2 (10 VES wells) approved for deactivation in March 2006 based on results of rebound testing

Table 6
Summary of Analytical Results
VES Well Group 3

	PCE	TCE	Cis-1,2-DCE
3/5/98	115.0000	13.4000	9.2000
12/23/99	20.0000	0.9000	1.2000
9/25/03	1.5000	0.7900	0.6800
1/8/04	0.5000	0.0230	0.0260
6/22/04	1.5000	0.0170	0.0170
9/21/04	0.2900	0.0210	0.0170
1/12/05	0.6300	0.0210	0.0290
4/6/05	0.4700	0.0180	0.0110
7/12/05	0.3600	0.0130	0.0038
% reduction	99.6	99.9	99.9
(based on average of rebound test results)			

Notes:

Results are in parts per million by volume (ppmv)

Data following 01/12/2005 (shaded) are results of rebound test samples

Group 3 (12 VES wells) approved for deactivation in July 2005 based on results of rebound testing

Table 7
Summary of Analytical Results
VES Well Group 4

	PCE	TCE	Cis-1,2-DCE	B	T	E	X	
3/5/98	125.0000	29.7000	32.0000	1.1000	3.7000	1.1000	3.3000	BEX < RL
12/23/99	120.0000	20.0000	32.0000	0.6300	2.7000	0.6300	1.9000	BEX < RL
9/25/03	13.0000	0.8000	1.2000	0.0031	0.0034	0.0031	0.0062	BEX < RL
1/8/04	7.5000	0.4200	0.6100	0.1500	2.1000	0.4100	2.2300	
6/22/04	1.5000	0.1600	0.0190	0.0650	0.0650	0.0650	0.0130	BTEX < RL
9/22/04	4.5000	0.0790	0.1200	0.0080	0.0500	0.0086	0.0170	BTEX < RL
1/12/05	2.8000	0.1700	0.3700	0.0075	0.0093	0.0075	0.0180	B < RL
4/6/05	2.5000	0.1500	0.2600	0.0150	0.0150	0.0150	0.0290	BTEX < RL
7/12/05	2.6000	0.1600	0.2900	0.0011	0.0040	0.0014	0.0066	
9/26/05	2.1000	0.3100	0.6000	0.0078	0.0078	0.0078	0.0160	BTEX < RL
12/6/05	2.9000	0.2000	0.4100	0.0320	0.3300	0.0830	0.5000	
1/11/06	4.1000	0.2000	0.4700	0.0024	0.0081	0.0015	0.0067	
2/8/06	11.0000	0.7700	2.0000	0.0330	0.0330	0.0330	0.0660	BTEX < RL
3/21/06	8.5000	0.5400	1.5000	0.0300	0.0300	0.0300	0.0600	BTEX < RL
% reduction	93.7	98.3	95.9	98.0	99.4	98.0	98.7	
(based on average results of rebound sampling)								

Notes:

Results are in parts per million by volume (ppmv)

RL = Laboratory reporting limit

RL value entered when constituent is below RL (higher RL for p/m-xylene used for X)

Data following 12/06/2005 (shaded) are results of rebound test samples

Group 4 (eleven VES wells) approved for deactivation in April 2006 based on results of rebound testing

Table 8
Summary of Analytical Results
VES Well Group 5

	PCE	TCE	Cis-1,2-DCE	B	T	E	X	
3/5/1998	27.2000	9.2000	8.7000	0.1800	0.9600	0.1800	1.5000	B<RL
12/23/1999	4.3000	2.0000	6.9000	0.4700	0.1200	0.4700	0.1400	BEX<RL
9/25/2003	0.9000	0.0920	0.1200	0.0033	0.0035	0.0033	0.0066	BE<RL
1/8/2004	0.2000	0.0370	0.0540	0.1400	0.7900	0.1500	0.8700	
6/25/2004	0.0180	0.0270	0.0430	0.0015	0.0015	0.0015	0.0030	BTEX <RL
9/22/2004	0.7300	0.0400	0.0430	0.0016	0.0016	0.0016	0.0033	BTEX <RL
1/12/2005	0.3100	0.0430	0.0890	0.0079	0.0079	0.0079	0.0200	BTE<RL
4/6/2005	0.1500	0.0230	0.0350	0.0010	0.0010	0.0010	0.0020	BTEX <RL
7/13/2005	1.1000	0.0280	0.0380	0.0008	0.0013	0.0008	0.0016	BEX<RL
9/27/2005	0.1600	0.0990	0.1900	0.0076	0.0076	0.0076	0.0150	
12/7/2005	0.2600	0.0510	0.0960	0.0320	0.3500	0.0850	0.5100	
1/11/2006	0.1300	0.0460	0.0400	0.0009	0.0010	0.0009	0.0017	BEX<RL
2/8/2006	0.2700	0.0550	0.0450	0.0008	0.0013	0.0008	0.0017	BTEX <RL
3/21/2006	1.7000	0.0650	0.0510	0.0008	0.0013	0.0008	0.0016	BEX<RL
% reduction	97.4	99.4	99.5	99.5	99.9	99.5	99.9	
(based on average of rebound test results)								

Notes:

Results are in parts per million by volume (ppmv)

RL = Laboratory reporting limit

RL value entered when constituent is below RL (higher RL for p/m-xylene used for X)

Data following 12/06/2005 (shaded) are results of rebound test samples

Group 5 (nine VES wells) approved for deactivation in April 2006 based on results of rebound testing

Table 9
Summary of Analytical Data
VES Well Group 6

Sample Date	PCE	TCE	Cis-1,2-DCE	B	T	E	X	Sample Type
3/5/98	84.300	13.800	10.200	1.100	7.100	1.100	10.000	BE<RL
12/23/99	57.000	0.900	1.600	1.900	7.800	1.100	5.700	
9/26/03	11.000	0.240	0.400	0.290	3.500	0.310	1.630	
1/8/04	5.400	0.110	0.180	0.140	1.500	0.290	1.650	
6/23/04	1.300	0.052	0.080	0.063	0.850	0.180	1.070	
9/22/04	2.000	0.025	0.032	0.019	0.250	0.043	0.250	
1/13/05	3.700	0.910	0.160	0.420	0.670	0.160	0.890	
4/6/05	2.200	0.065	0.068	0.025	0.440	0.110	0.730	
7/13/05	2.300	0.061	0.062	0.025	0.320	0.100	0.660	
9/27/05	2.400	0.150	0.260	0.033	0.550	0.140	0.850	
12/7/05	1.600	0.120	0.200	0.028	0.250	0.060	0.370	
1/11/06	5.800	0.070	0.230	0.032	0.270	0.074	0.500	Rebound 1
2/8/06	15.000	0.370	0.770	0.061	1.000	0.210	1.310	Rebound 2
3/21/06	19.000	0.270	0.540	0.038	0.710	0.140	1.030	Rebound 3
5/2/06	21.000	0.730	1.500	0.072	1.300	0.280	1.910	Rebound 4
6/7/06	18.000	0.260	0.450	0.041	0.270	0.068	0.390	Rebound 5
12/20/06	46.000	2.000	1.900	0.230	2.100	0.730	4.000	Pulse 1 - initial
12/21/06	4.900	0.410	0.780	0.053	0.680	0.200	1.210	24-hr
1/23/07	37.000	1.500	2.800	0.100	1.100	0.280	1.760	Pulse 2 - initial
1/24/07	7.900	0.450	0.840	0.060	0.680	0.150	0.840	24-hr
2/20/07	41.000	0.960	1.500	0.060	0.840	0.160	1.100	Pulse 3 - initial
2/21/07	4.900	0.360	0.620	0.046	0.580	0.140	0.850	24-hr
3/27/07	20.000	1.100	1.900	0.110	1.200	0.290	1.760	Pulse 4 - initial
3/28/07	4.900	0.370	0.680	0.059	0.620	0.180	1.010	24-hr
4/24/07	23.000	0.950	1.700	0.052	1.300	0.150	0.930	Pulse 5 - initial
4/25/07	10.000	0.580	0.920	0.059	0.770	0.160	0.940	24-hr
5/22/07	18.000	1.000	1.900	0.087	1.100	0.220	1.350	Pulse 6 - initial
5/23/07	4.400	0.370	0.630	0.047	0.510	0.120	0.680	24-hr
6/26/07	16.000	0.840	1.700	0.053	0.560	0.100	0.740	Pulse 7 - initial
6/27/07	6.000	0.400	0.840	0.032	0.480	0.110	0.720	24-hr
6/28/07	3.400	0.310	0.550	0.028	0.430	0.100	0.660	48-hr
7/24/07	18.000	0.990	2.000	0.064	1.000	0.190	1.330	Pulse 8 - initial
7/25/07	4.300	0.380	0.720	0.038	0.480	0.100	0.620	24-hr
7/27/07	3.600	0.320	0.560	0.032	0.440	0.100	0.620	48-hr
8/28/07	17.000	0.750	1.600	0.051	0.680	0.120	0.720	Pulse 9 - initial
8/29/07	4.500	0.400	0.690	0.040	0.510	0.120	0.720	24-hr
8/30/07	3.600	0.340	0.590	0.035	0.410	0.090	0.530	48-hr
9/25/07	12.000	0.770	1.500	0.048	0.660	0.110	0.690	Pulse 10 - initial
9/26/07	3.900	0.370	0.630	0.036	0.480	0.088	0.490	24-hr
10/9/07	12.000	0.420	0.850	0.034	0.460	0.083	0.550	Pulse 11 - initial
10/10/07	3.400	0.240	0.400	0.018	0.350	0.067	0.450	24-hr
10/23/07	14.000	0.730	1.200	0.046	0.610	0.120	0.770	Pulse 12 - initial
10/24/07	4.800	0.390	0.730	0.043	0.510	0.100	0.590	24-hr
11/6/07	9.000	0.690	1.400	0.044	0.600	0.140	0.840	Pulse 13 - initial
11/7/07	3.400	0.340	0.540	0.038	0.400	0.110	0.640	24-hr
11/20/07	7.400	0.600	0.990	0.030	0.580	0.110	0.770	Pulse 14 - initial
11/27/07	14.000	1.000	1.600	0.059	0.900	0.200	1.280	Pulse 15 - initial
11/27/07	11.000	0.820	1.300	0.050	0.570	0.130	0.830	12-hr
11/28/07	7.000	0.600	1.000	0.038	0.480	0.130	0.820	24-hr
12/4/07	7.300	0.910	1.400	0.052	0.620	0.098	0.620	Pulse 16 - initial
12/5/07	3.800	0.470	0.550	0.036	0.440	0.110	0.630	24-hr
12/18/07	10.000	0.300	0.540	0.020	0.290	0.056	0.380	Pulse 17 - initial
12/19/07	4.800	0.250	0.360	0.023	0.320	0.073	0.470	24-hr
% reduction	88.7	94.9	88.4	96.5	91.6	89.0	92.3	
(based on average of last five "initial" samples collected during pulsing events)								

Notes:

Results are in parts per million by volume (ppmv)

Data reported by laboratory as less than the reporting limit (RL) are entered above as the RL value

RL value entered when constituent is below RL (RL for p/m-xylene used for X)

Pulsing events - Initial samples were collected after startup plus 2 hrs

Group 6 (nine VES wells) approved for deactivation in March 2008 based on results of Pulsing Events

Table 10
Summary of Analytical Results
VES Well Group 7

	PCE	TCE	Cis-1,2-DCE	B	T	E	X
3/5/98	290.000	13.000	14.000	5.900	27.000	4.900	24.000
12/23/99	42.000	0.900	2.200	2.400	6.200	0.860	3.800
9/26/03	8.500	0.310	0.780	1.200	3.700	0.520	2.400
1/8/04	3.400	0.120	0.320	0.180	0.880	0.160	0.860
6/22/03	2.400	0.078	0.130	0.120	0.940	0.180	1.460
9/22/04	1.600	0.035	0.056	0.036	0.280	0.048	0.315
1/13/05	2.800	0.640	0.110	0.070	0.560	0.140	0.960
4/7/05	2.400	0.086	0.120	0.064	0.430	0.110	1.100
7/13/05	3.300	0.072	0.088	0.047	0.260	0.073	0.810
9/27/05	3.000	0.150	0.310	0.055	0.350	0.087	0.940
12/7/05	1.700	0.079	0.130	0.043	0.220	0.053	0.560
1/11/06	4.000	0.180	0.300	0.033	0.120	0.061	0.331
2/7/06	9.100	0.270	0.380	0.034	0.170	0.046	0.350
3/21/06	6.400	0.210	0.250	0.030	0.160	0.049	0.400
% reduction	97.8	98.3	97.8	99.5	99.4	98.9	98.5
(based on average of rebound test results)							

Notes:

Results are in parts per million by volume (ppmv)

Data following 12/07/2005 (shaded) are results of rebound test samples

Group 7 (ten VES wells) was approved for deactivation in April 2006 based on results of rebound testing

Table 11
Summary of Analytical Results
VES Well Group 8

	PCE	TCE	Cis-1,2- DCE
3/5/98	30.600	2.500	2.200
12/23/99	1.600	1.000	0.400
9/26/03	0.160	0.120	0.110
1/7/04	0.032	0.062	0.035
2/11/04	0.051	0.090	0.077
3/10/04	0.031	0.058	0.042
% reduction	99.9	97.0	97.3
(based on average of rebound test results)			

Notes:

Results are in parts per million by volume (ppmv)

Data following 01/07/2004 (shaded) are results of rebound test samples

Group 8 (ten VES wells) approved for deactivation in March 2004 based on results of rebound testing

Table 12
Summary of Analytical Results - VES Well Group 9
BNSF San Bernardino Facility

	PCE	TCE	Cis-1,2- DCE
3/5/98	38.0000	2.2000	2.2000
12/23/99	1.0000	0.2000	0.1000
9/26/03	0.2900	0.0770	0.0240
1/7/04	0.0240	0.0100	0.0036
2/10/04	0.0089	0.0094	0.0130
3/9/04	0.0083	0.0039	0.0023
% reduction	100.0	99.7	99.7
(based on average of rebound test results)			

Notes:

Results are in parts per million by volume (ppmv)

Data following 01/07/04 (shaded) are results of rebound test samples

Group 9 (nine VES wells) was approved for deactivation in March 2004 based on results of rebound testing

Table 13
Summary of Analytical Results - VES Well Group 10
BNSF San Bernardino Facility

	PCE	TCE	Cis-1,2- DCE
3/5/98	46.100	5.400	7.000
12/23/99	16.000	4.500	9.400
9/24/03	0.280	0.160	0.190
1/6/04	0.210	0.130	0.210
2/10/04	0.088	0.092	0.140
3/9/04	0.071	0.058	0.110
% reduction	99.8	99.4	99.4
(based on average of rebound test results)			

Notes:

Results are in parts per million by volume (ppmv)

Data following 01/06/04 (shaded) are results of rebound test samples

Group 10 (eight VES wells) approved for deactivation in March 2004 based on results of rebound testing

Table 14
Summary of Analytical Results
VES Well Group 11

	PCE	TCE	Cis-1,2-DCE
3/5/98	64.90	8.00	8.00
12/23/99	35.00	1.40	0.70
9/24/03	2.00	0.22	0.17
1/7/04	1.40	0.19	0.17
2/10/04	0.73	0.17	0.19
3/9/04	0.97	0.19	0.24
6/22/04	1.40	0.18	0.23
9/21/04	1.60	0.17	0.21
1/11/05	1.10	0.22	0.29
4/5/05	0.43	0.10	0.10
7/13/05	2.30	0.15	0.15
9/27/05	1.60	0.17	0.21
12/7/05	1.20	0.18	0.15
1/10/06	0.62	0.12	0.05
2/7/06	1.90	0.44	0.13
3/14/06	1.20	0.26	0.06

% reduction 98.1 96.6 99.0
(based on average of rebound test results)

Notes:

Results are in parts per million by volume (ppmv)

Data following 12/07/2005 (shaded) are results of rebound test samples

Group 11 (ten VES wells) was approved for deactivation in April 2006 based on results of rebound testing

Table 15
Summary of Analytical Results
VES Well Group 12

	PCE	TCE	Cis-1,2-DCE
3/5/98	32.400	2.300	2.700
12/23/99	8.500	0.400	0.500
9/25/03	0.990	0.065	0.073
1/7/04	0.560	0.038	0.042
2/10/04	0.590	0.023	0.018
3/9/04	1.100	0.058	0.055
6/22/04	0.640	0.021	0.015
9/21/04	0.970	0.054	0.045
1/11/05	2.400	0.012	0.110
4/5/05	0.640	0.062	0.047
7/14/05	0.790	0.060	0.067
9/27/05	0.710	0.100	0.140
12/8/05	0.160	0.066	0.038
1/10/06	0.700	0.080	0.037
2/7/06	1.400	0.200	0.037
3/14/06	1.500	0.180	0.056
% reduction	96.3	93.3	98.4
(based on average of rebound test results)			

Notes:

Results are in parts per million by volume (ppmv)

Data following 12/08/2005 (shaded) are results of rebound test samples

Group 12 (ten VES wells) approved for deactivation in April 2006 based on results of rebound testing

Table 16
Summary of Analytical Results
VES Well Group 13

	PCE	TCE	Cis-1,2-DCE	
3/5/98	24.4000	1.8000	1.5000	
12/23/99	0.3000	0.1000	0.0900	
9/25/03	0.2600	0.0800	0.0310	
1/7/04	0.1100	0.0050	0.0008	Cis-1,2-DCE<RL
2/11/04	0.0180	0.0110	0.0160	
3/10/04	0.0290	0.0014	0.0007	Cis-1,2-DCE<RL
% reduction	99.9	99.7	99.4	
(based on average of rebound test results)				

Notes:

Results are in parts per million by volume (ppmv)

RL = Laboratory reporting limit

RL value entered when constituent is below RL

Data following 01/07/04 (shaded) are results of rebound test samples

Group 13 (eight VES wells) approved for deactivation in March 2004 based on results of rebound testing

Table 17
Summary of Analytical Results
VES Well Group 14

	PCE	TCE	Cis-1,2-DCE	
3/5/98	31.0000	2.3000	1.9000	
12/23/99	0.7000	0.1000	0.1000	
9/25/03	0.5400	0.0180	0.0060	
1/7/04	0.3800	0.0150	0.0040	
2/10/04	0.0350	0.0098	0.0130	
3/10/04	0.0150	0.0014	0.0004	Cis-1,2-DCE<RL
% reduction	99.9	99.8	99.6	
(based on average of rebound test results)				

Notes:

Results are in parts per million by volume (ppmv)

RL = Laboratory reporting limit

RL value entered when constituent is below RL

Data following 01/07/04 (shaded) are results of rebound test samples

Group 14 (eleven VES wells) was approved for deactivation in March 2004 based on results of rebound testing

475 Goddard, Suite 200, Irvine, California 92618 Phone 949/753-7070 Fax 949/753-7071 www.ninyoandmoore.com

To: Hazardous Materials Division

Date: July 7, 2009

Firm: San Bernardino Fire Department

Fax No: 909-386-8460

Address: 620 S. E Street, San Bernardino, CA

Telephone No: 909-386-8468

From: Javier Perez (jperez@ninyoandmoore.com)

Total Pages
Including
Transmittal:

9

Subject: Certified Hazardous Materials Records Search Finding Report

Project No: 207573002

<input type="checkbox"/> Urgent	<input type="checkbox"/> For Approval	<input type="checkbox"/> For Your Use	<input checked="" type="checkbox"/> Please Reply	<input type="checkbox"/> As Requested
Original Document:	<input type="checkbox"/> Will Not Follow	<input checked="" type="checkbox"/> Will Follow	<input checked="" type="checkbox"/> By U.S. Mail	<input type="checkbox"/> By Other

Dear, Sir/Madam

Attached please find a San Bernardino County Fire Department (Hazardous Materials Division) request for a Certified Hazardous Materials Records Search Finding Report for the following addresses:

- 1170 W. 3rd Steet, San Bernardino, CA (Santa Fe Depot),
- 1535 W. 4th Street, San Bernardino, CA (BNSF Rail Yard),
- 470 N. L Street, San Bernardino, CA (BNSF Rail Way), and
- 1500 W. Rialto Avenue, San Bernardino, CA (BNSF Rail Way).

The original request forms along with payment (\$130/ea) will be forwarded via US mail within the next 48-hours. If you should have any questions regarding this request I can be reached at 949-753-7070 ext 2269 or via email at jperez@ninyoandmoore.com.

Thank you,

Javier Perez

Senior Staff Environmental Scientist

FAXED
7/7/09

- Geotechnical Engineering
- Engineering Geology
- Materials Testing and Inspection
- Construction Management
- Engineering Design
- Environmental Engineering
- Environmental Site Assessments
- Regulatory Compliance and Permitting
- Water Quality and Resource Evaluations
- Hazardous Waste Management
- Soil and Groundwater Remediation
- Asbestos and Lead-Based Paint Surveys
- Geophysical Studies
- Mineral Resource Evaluations
- Value Engineering
- Forensic Studies
- Expert Witness Testimony

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

RECEIVED

August 6, 2009

AUG 10 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: **CERTIFIED RECORDS FINDING REPORT**

RE: **1170 W. 3rd St.
San Bernardino, California**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The records identified are shown below. Please note no files exist by the address 1170 W. 3rd St. All records for this address are in the inactive permit facility file for 470 N. L St. (see separate record findings letter).

Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents in the file for 470 N. L St.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

No record of active permit facilities

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

No record of inactive permit and or non-permit facilities

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

Santa Fe
1170 W. 3rd St.
San Bernardino

Issued 8/7/92
Remove 1

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District
PAUL BIANE Second District
JOSIE GONZALES Fifth District
NEIL DERRY Third District
GARY C. OVITT Fourth District

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

No record of haz mat incident response

SITE REMEDIATION:

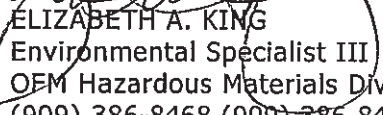
(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

Santa Fe
1170 W. 3rd St.
San Bernardino

LOP 90095
5/18/89, C. Richards, staff
Referred to Calif. Regional Water Board
On-going (per Geo-Tracker)

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OEM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

***We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.**

All records are in inactive permit facility file for 470 N. L St. See separate record findings letter for that address for further information.

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

RECEIVED

August 6, 2009

AUG 10 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: **CERTIFIED RECORDS FINDING REPORT**

RE: **470 N. L St.
San Bernardino, California**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The record(s) identified are shown below and have file(s) available for your review. Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

No record of active permit facilities

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

AT & SF Railway Company
470 N. L St.
San Bernardino

FA0001158 (EST 86008939)
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Underground Storage Tank Permit
(Permits inactivated when address
Changed to 1500 W. Rialto)

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District
PAUL BIANE Second District
JOSIE GONZALES Fifth District
NEIL DERRY Third District
GARY C. OVITT Fourth District

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

AT & SF Railway Company 470 N. L St. San Bernardino	Issued 5/1/95 Remove 12
AT & SF Railway Company SWC Mt. Vernon & 4th San Bernardino	Issued 7/14/94 Remove 2
AT & SF Railway Company 1260 W. 3 rd St. (470 N. L St.) (under Mt. Vernon Bridge, N end) San Bernardino	Issued 6/21/94 Remove 1
Santa Fe Railway 1170 W. 3 rd St. San Bernardino	Issued 8/7/92 Remove 1
AT & SF Railway Company 470 N. L St. San Bernardino	Issued 10/28/91 Removal (expired)
AT & SF Railway Company 470 N. L St. San Bernardino	Issued 7/17/90 Remove 2
Santa Fe Railway 470 N. L St. San Bernardino	Issued 1/9/90 Remove 1 (basement)
AT & SF Railway Company 470 N. L St. San Bernardino	Issued 6/22/89 Remove 2
AT & SF Railway Company 1260 W. 3 rd St. San Bernardino	Issued 8/17/88 Remove 8

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(additional records of spill notifications and/or complaints not listed below may exist in facility permit files).

No record of haz mat incident response

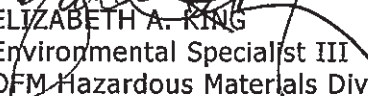
SITE REMEDIATION:

(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

BN & SF Railway 470 N. L St. San Bernardino	Geo-Tracker listing 6/31/91 Calif. Regional Board Case SL208043859 Closure letter for diesel shop area on Geo-Tracker dated 9/9/08
---	---

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OFM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

***We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.**

Records consist of one (1) main file with two (2) thick expandos, about 9" – 10" combined

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

August 6, 2009

RECEIVED

AUG 10 2009

NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: CERTIFIED RECORDS FINDING REPORT

RE: 1500 W. Rialto Ave.
San Bernardino, California

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The record(s) identified are shown below and have file(s) available for your review. Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

YRC Terminal 640 San Bernardino
Former Yellow Transportation
1500 W. Rialto Ave.
San Bernardino

FA0007358 (EST 01049403)
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
-- special permits (consolidated manifests)
Underground Storage Tank Permit

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

BNSF Maintenance
1500 W. Rialto Ave.
San Bernardino

FA0001616 (EST 95038105)
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Tiered Permit (State issued docs only)
Aboveground Petroleum Storage (APSA)
Underground Storage Tank Permit

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District
PAUL BIANE Second District
JOSIE GONZALES Fifth District
NEIL DERRY Third District
GARY C. OVITT Fourth District

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

Yellow Freight System
1500 W. Rialto Ave.
San Bernardino

Issued 12/18/00
Install 2

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(additional records of spill notifications and/or complaints not listed below may exist in facility permit files).

Yellow Freight
1500 W. Rialto Ave.
San Bernardino

CO0002462 (HMRR 2001073001)
7/30/01
Release of truck fluids to soil
Waste Oil

Santa Fe Railroad
1500 W. Rialto Ave.
San Bernardino

CO0005531 (HMRR 96083001BO)
8/30/96
Tank car venting, very strong odor
Styrene Monomer

Yellow Transportation
1500 W. Rialto Ave.
San Bernardino

CO0000877 (OES 036624)
12/29/03
Release of toluene (45 gallons)
from punctured drum (notification)

(NOTE: this record can be found in active
Permit facility file for YRC Terminal)

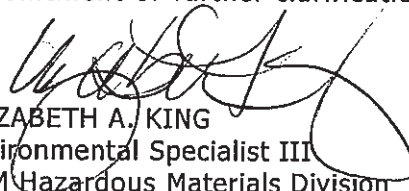
SITE REMEDIATION:

(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

No record of site remediation by address 1500 W. Rialto Ave. (see 470 N. L St.)

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OFM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

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Records consist of four (4) files, about 4" to 5" combined

SAN BERNARDINO COUNTY FIRE DEPARTMENT



COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

RECEIVED

August 6, 2009

AUG 10 2009
NINYO & MOORE
ORANGE COUNTY OFFICE

Ninyo and Moore
475 Goddard Ste 200
Irvine, CA 92618

ATTENTION: Javier Perez

SUBJECT: CERTIFIED RECORDS FINDING REPORT

RE: 1535 W. 4th St.
San Bernardino, California

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The record(s) identified are shown below and have file(s) available for your review. Please e-mail this office at eking@sbcfire.org or call the number at the end of this letter if you wish to arrange an appointment to view the original documents.

ACTIVE PERMIT FACILITIES:

(Regulatory files for facilities with annual operating permits to maintain underground storage tanks, storage hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

BNSF Railway Company
1535 W. 4th St.
San Bernardino

FA0007677
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Universal Waste Handler Permit
Aboveground Petroleum Storage (APSA)

Eagle Intermodal Services, Inc.
1535 W. 4th St.
San Bernardino

FA0002834
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Aboveground Petroleum Storage (APSA)

Kentuckiana Railcar Repair LLC
1535 W. 4th St.
San Bernardino

FA0010579
Hazardous Material Handler Permit
Hazardous Waste Generator Permit
Universal Waste Handler Permit

MARK H. UFFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District
PAUL BIANE Second District
JOSIE GONZALES Fifth District
NEIL DERRY Third District
GARY C. OVITT Fourth District

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:

(Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

AT & SF Railway
1535 W. 4th St.
San Bernardino

FA0001157 (EST 96039106)
Underground Storage Tank Permit

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND TANKS:

AT & SF Railroad
1535 W. 4th St.
San Bernardino

Issued 5/14/96
Remove 1

AT & SF Railroad
1535 W. 4th St.
San Bernardino

Issued 11/6/95
Remove 1

HAZ MAT INCIDENT RESPONSE ACTIVITY:

(other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

Yellow Freight
1535 W. 4th St.
San Bernardino

CO0024591
7/28/07
Release from trailer (OES notification)

Yellow Freight
1535 W. 4th St.
San Bernardino

CO0024590
7/8/07
Release from trailer

(NOTE: the above reports are combined in one response file by date 7/28/07).

BNSF Railroad
1535 W. 4th St.
San Bernardino

CO0001128
5/30/04
Derailment (OES notification)

(NOTE: the above report can be found in active permit facility file for BNSF Railway FA0007677)

BNSF Railroad
1535 W. 4th St.
San Bernardino

CO0004630 (HMRR 98061901GB)
6/19/98
1 gallon or less release ammonium chloride

BNSF Railroad – U.S. Filter
1535 W. 4th St.
San Bernardino

CO0004271 (HMRR 99062201WW)
6/22/99
2 gallon spill ethanol

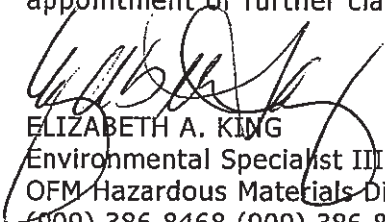
SITE REMEDIATION:

(Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

No record of site remediation under local oversight by address 1535 W. 4th St.

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

Please e-mail me at eking@sbcfire.org or call our office at the number below for a review appointment or further clarification.*



ELIZABETH A. KING
Environmental Specialist III
OFM Hazardous Materials Division
(909) 386-8468 (909) 386-8460 FAX
eking@sbcfire.org

*We will copy up to forty (40) pre-selected pages from a file at a charge \$0.27 per page copied. (Be prepared to make this payment at the time of service). If the copies selected exceed forty (40) pages or if you want a copy of the entire file and it exceeds forty (40) pages, we will refer you to a private copy service. If you prefer to bring a portable copier on site, you may do so. Please let us know your plans in advance so that accommodations can be made.

Records consist of seven (7) files, about 3-1/2" to 4" combined

APPENDIX E

HISTORICAL RESEARCH DOCUMENTATION



FIRE INSURANCE MAP ABSTRACT RESEARCH RESULTS

7/8/2009

207573002

**200 MOUNT VERNON AVE
SAN BERNARDINO, CA 92411**

Listed below, please find the results of our search for historic fire insurance maps, performed in conjunction with your Environmental FirstSearch® report.

State	City	Date	Volume	Sheet Number(s)
California	San Bernardino	1969	none	33, 34
California	San Bernardino	1963	none	33, 34
California	San Bernardino	1961	none	33, 34
California	San Bernardino	1959	none	33, 34
California	San Bernardino	1958	none	33, 34
California	San Bernardino	1957	none	33, 34
California	San Bernardino	1956	none	33, 34
California	San Bernardino	1954	none	33, 34
California	San Bernardino	1953	none	33, 34
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California	San Bernardino	1950	none	33, 34
California	San Bernardino	1906	none	33, 34
California	San Bernardino	1894	none	12

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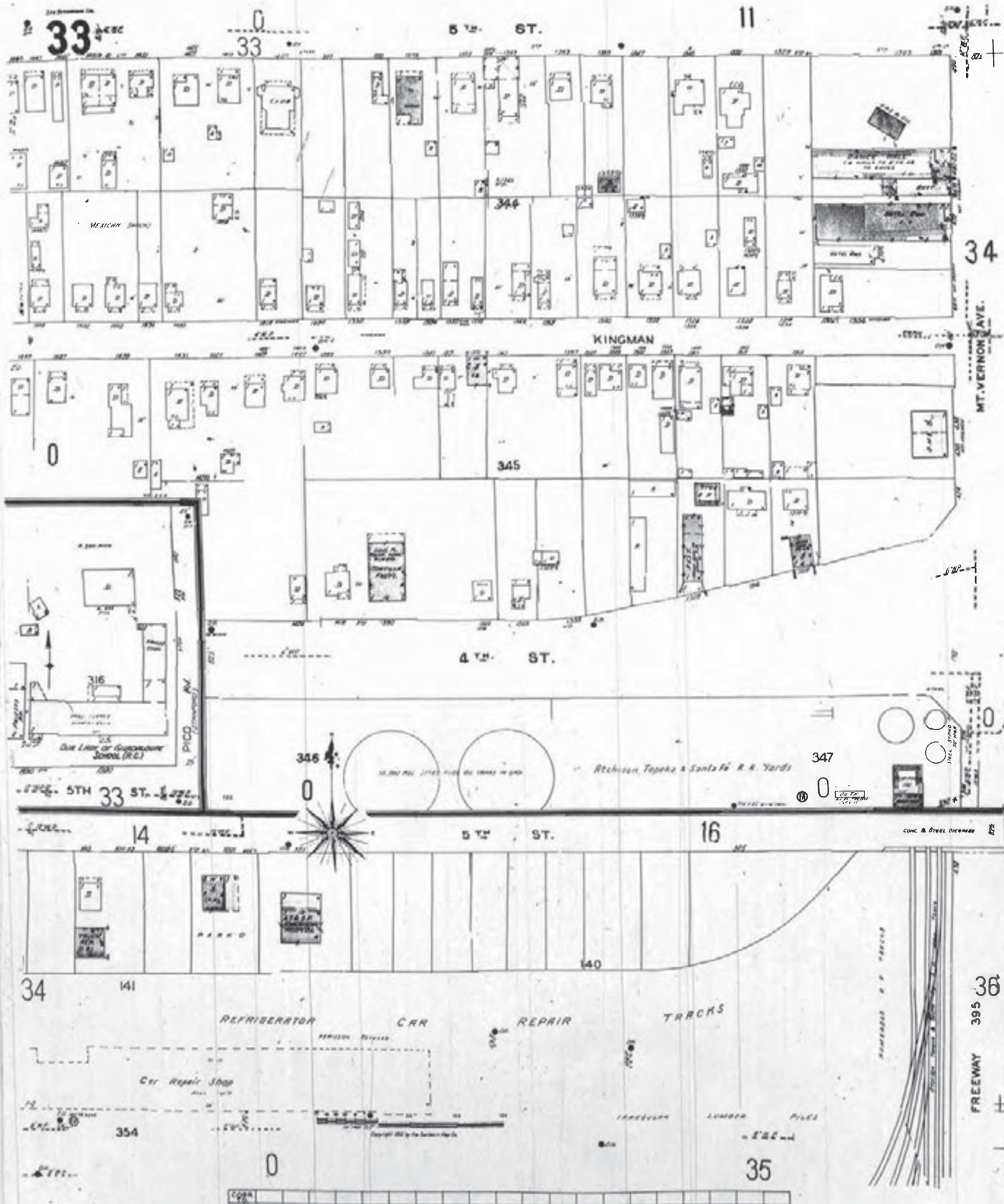
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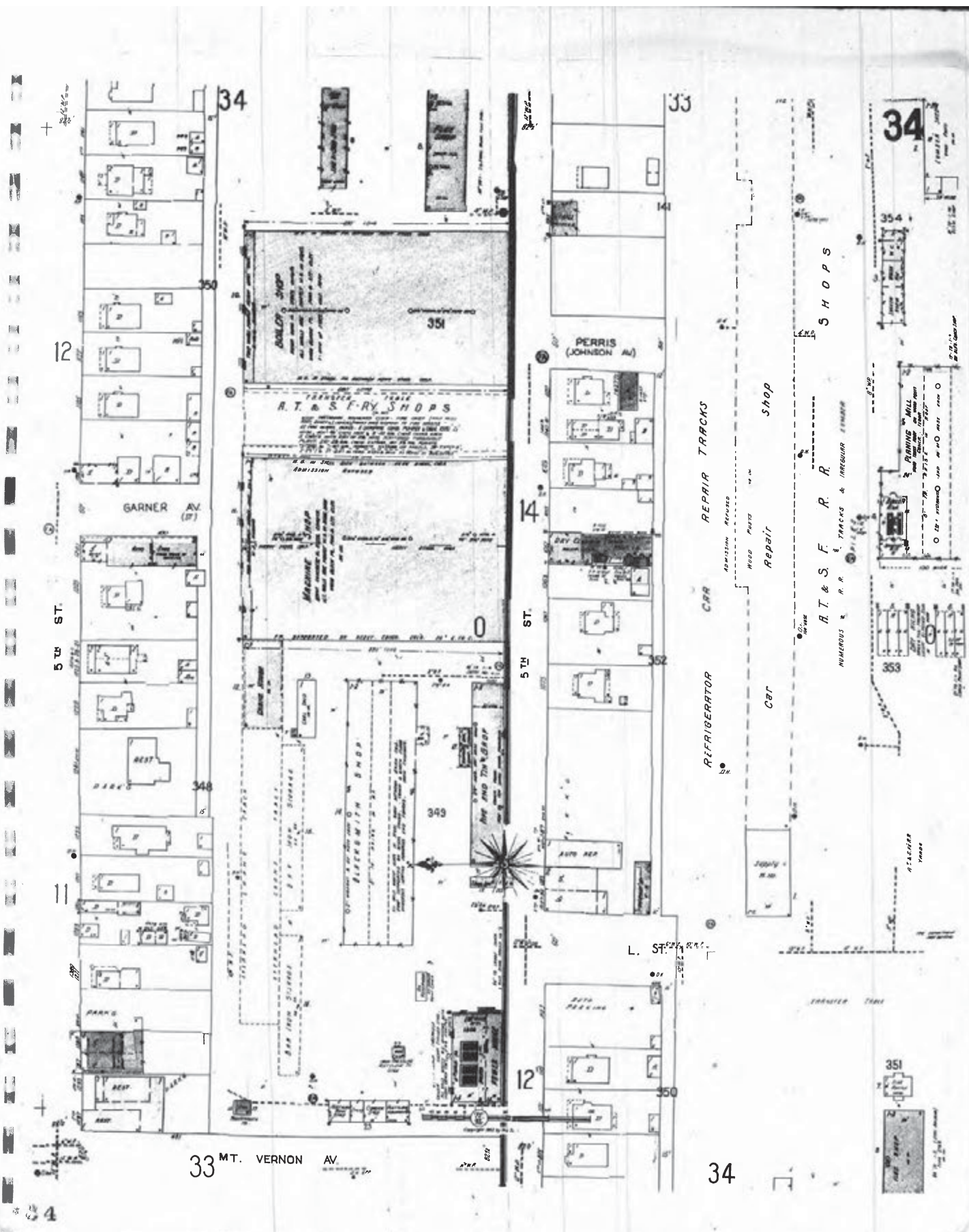
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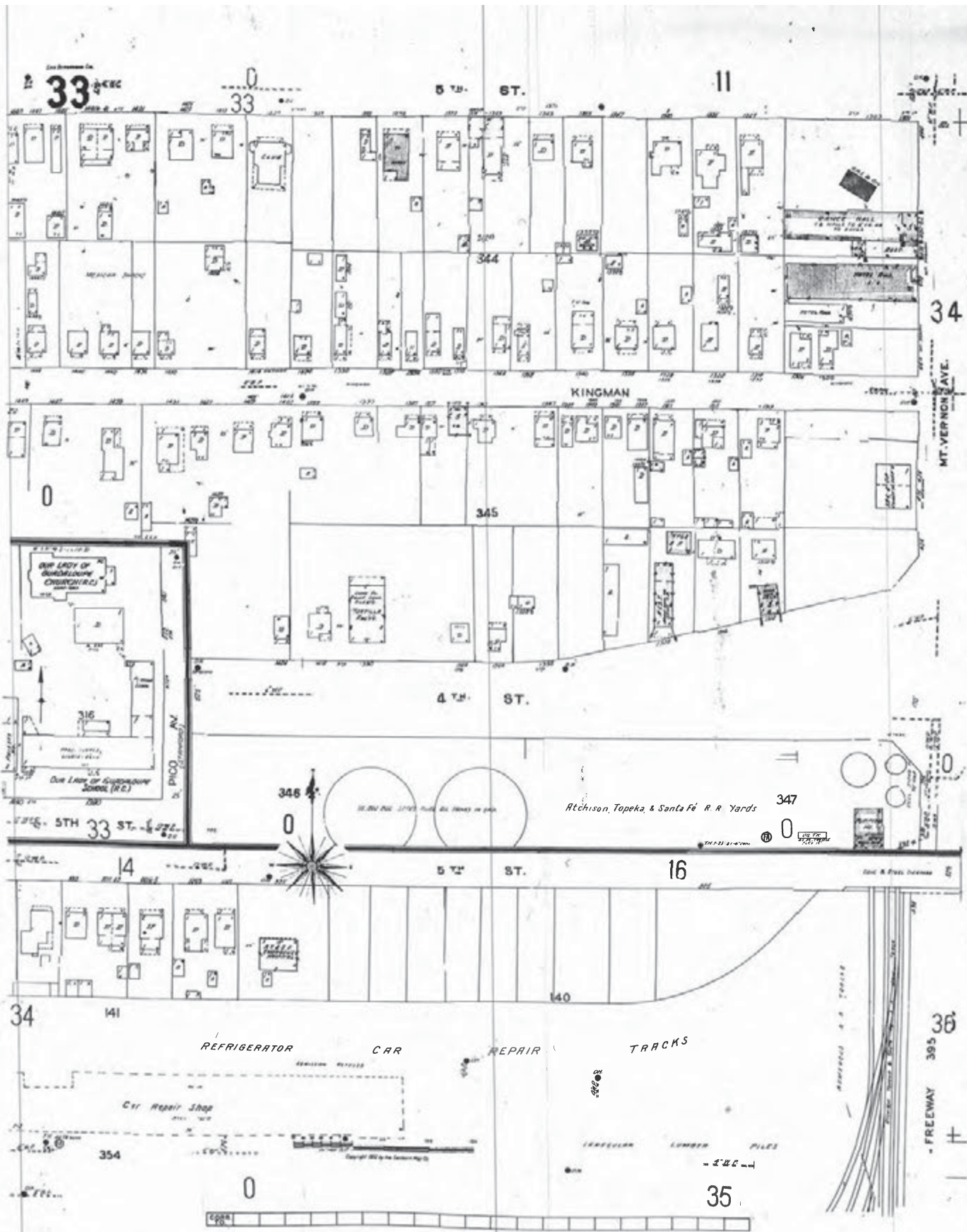
***10 Cottage Street, Norwood, MA 02062
Tel: 781-551-0470 Fax: 781-551-0471***

Appendix

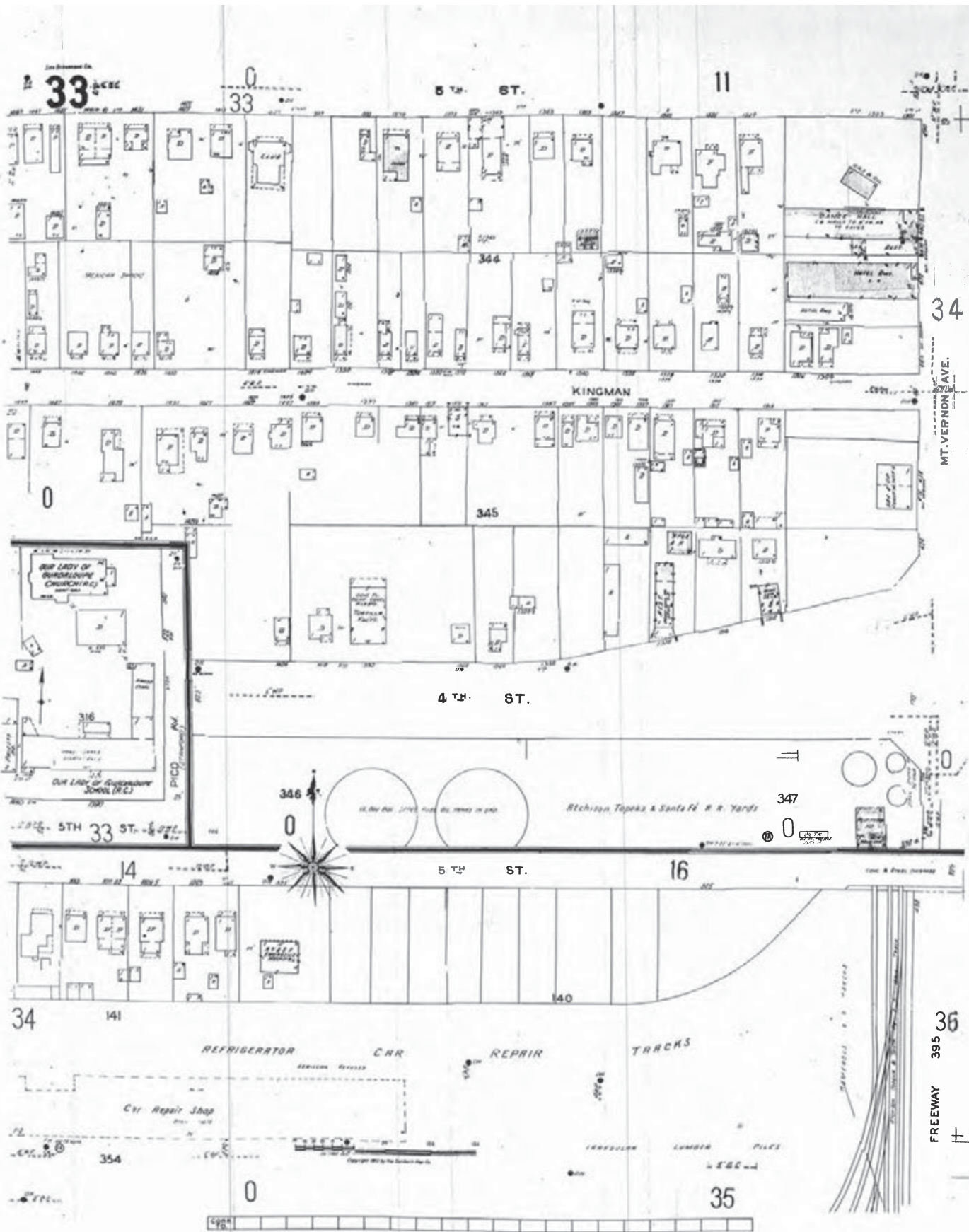
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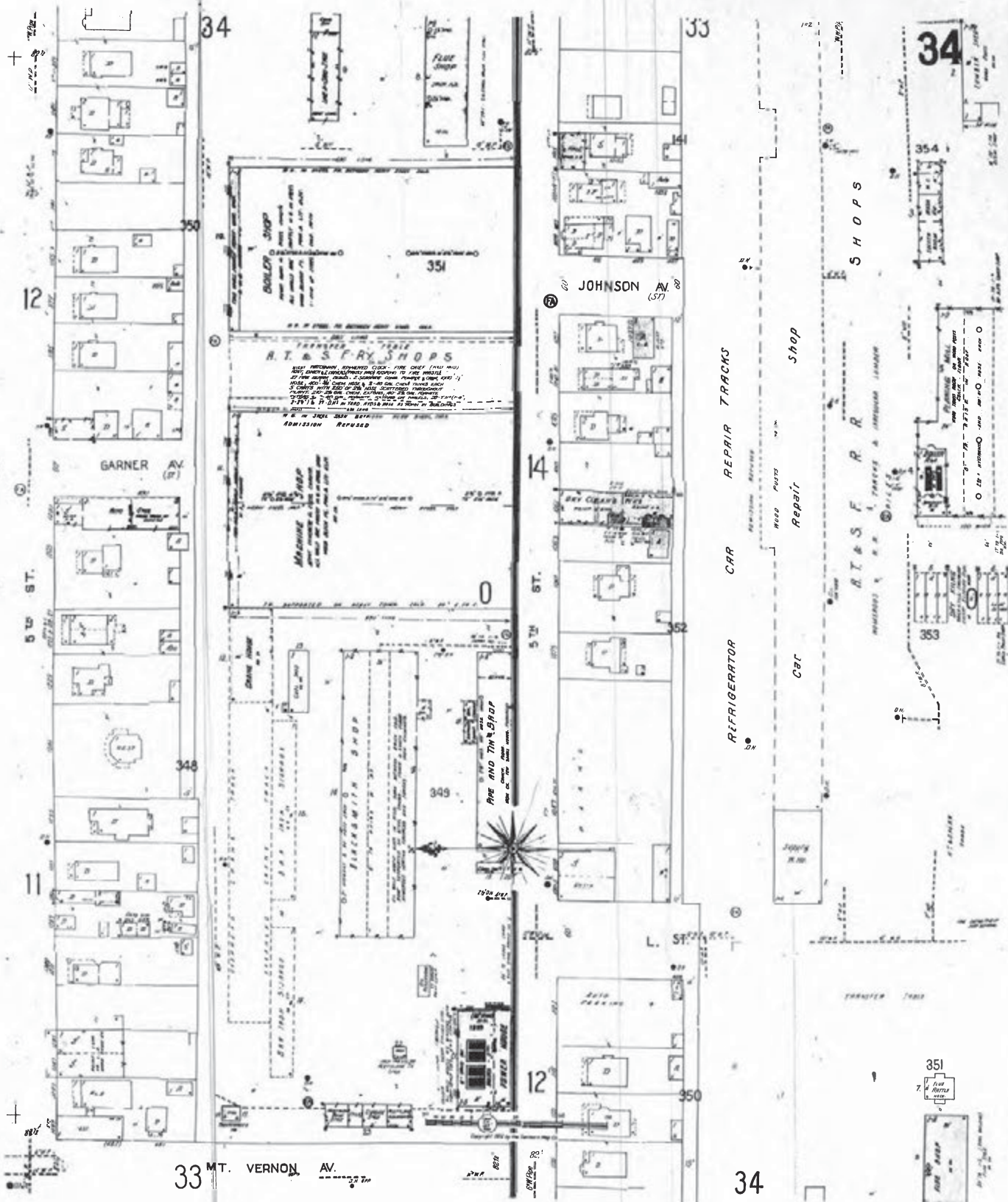




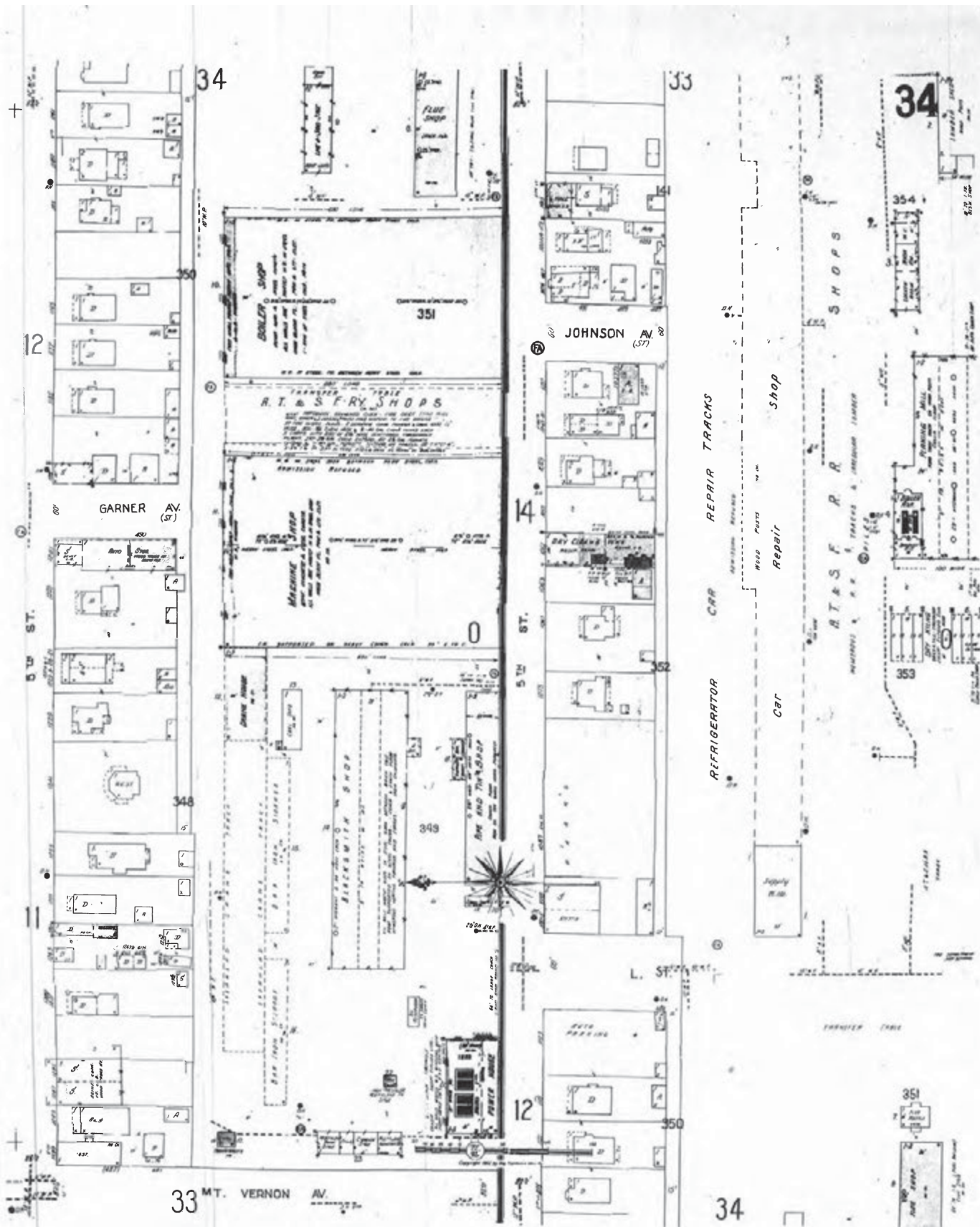


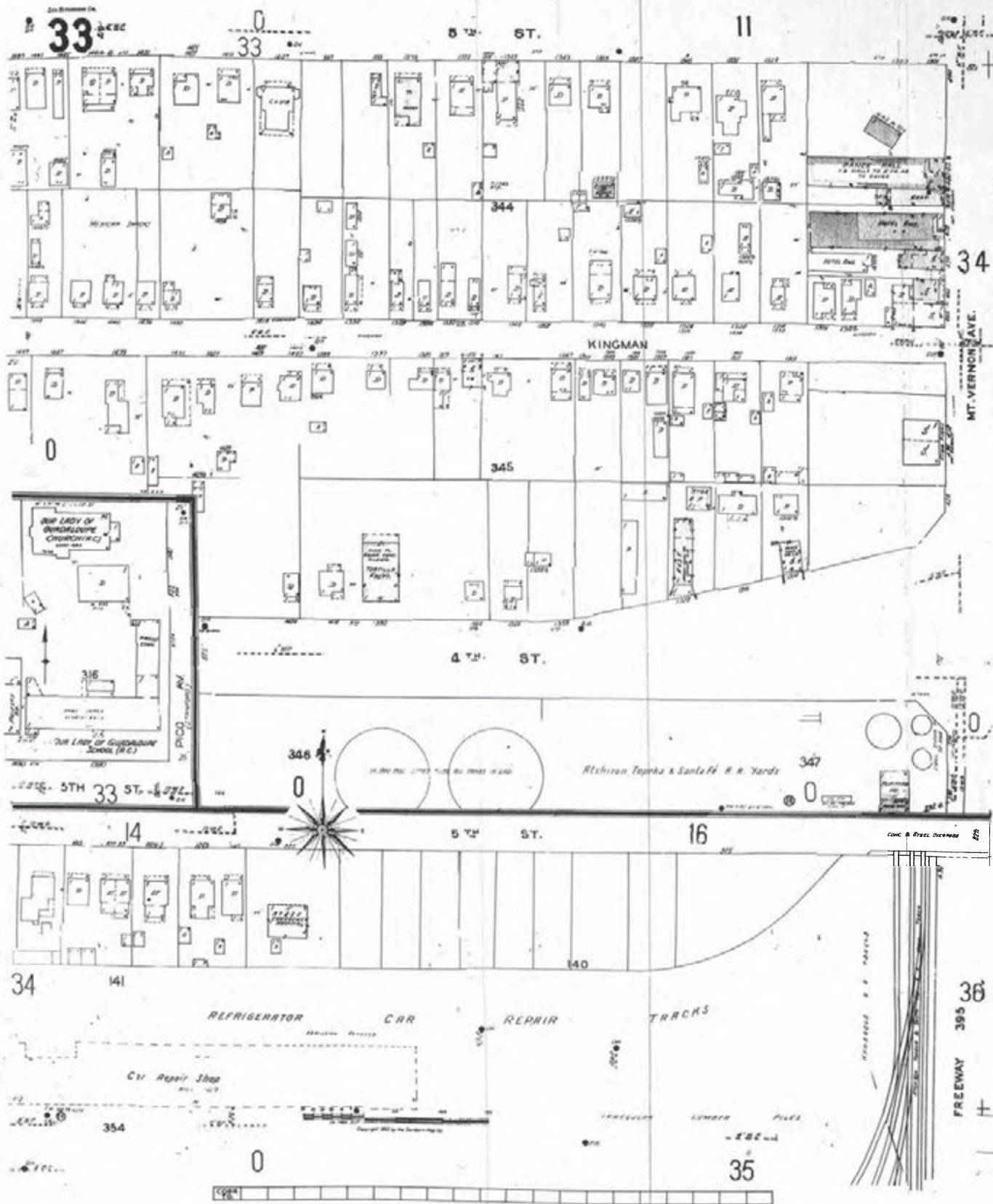


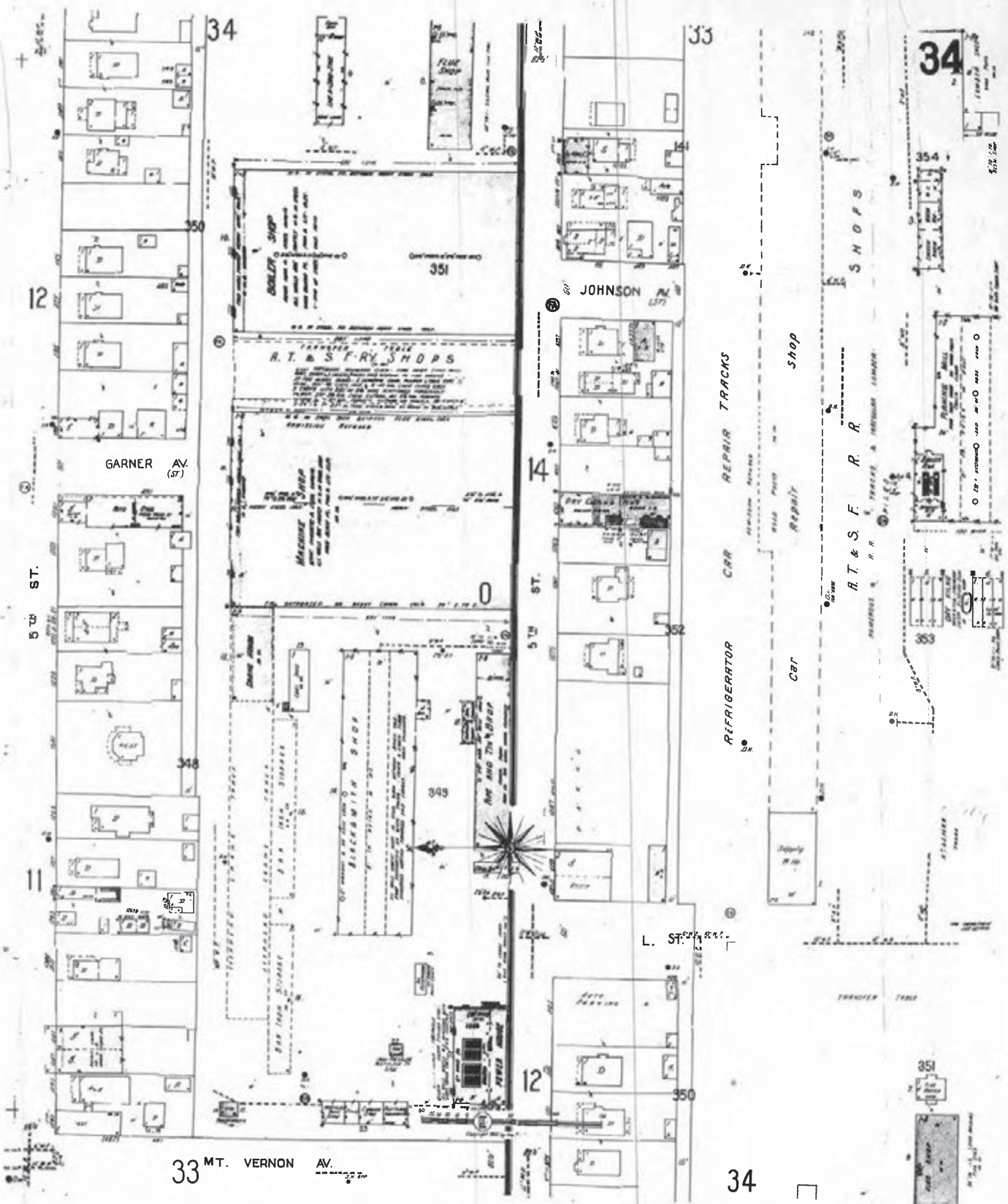


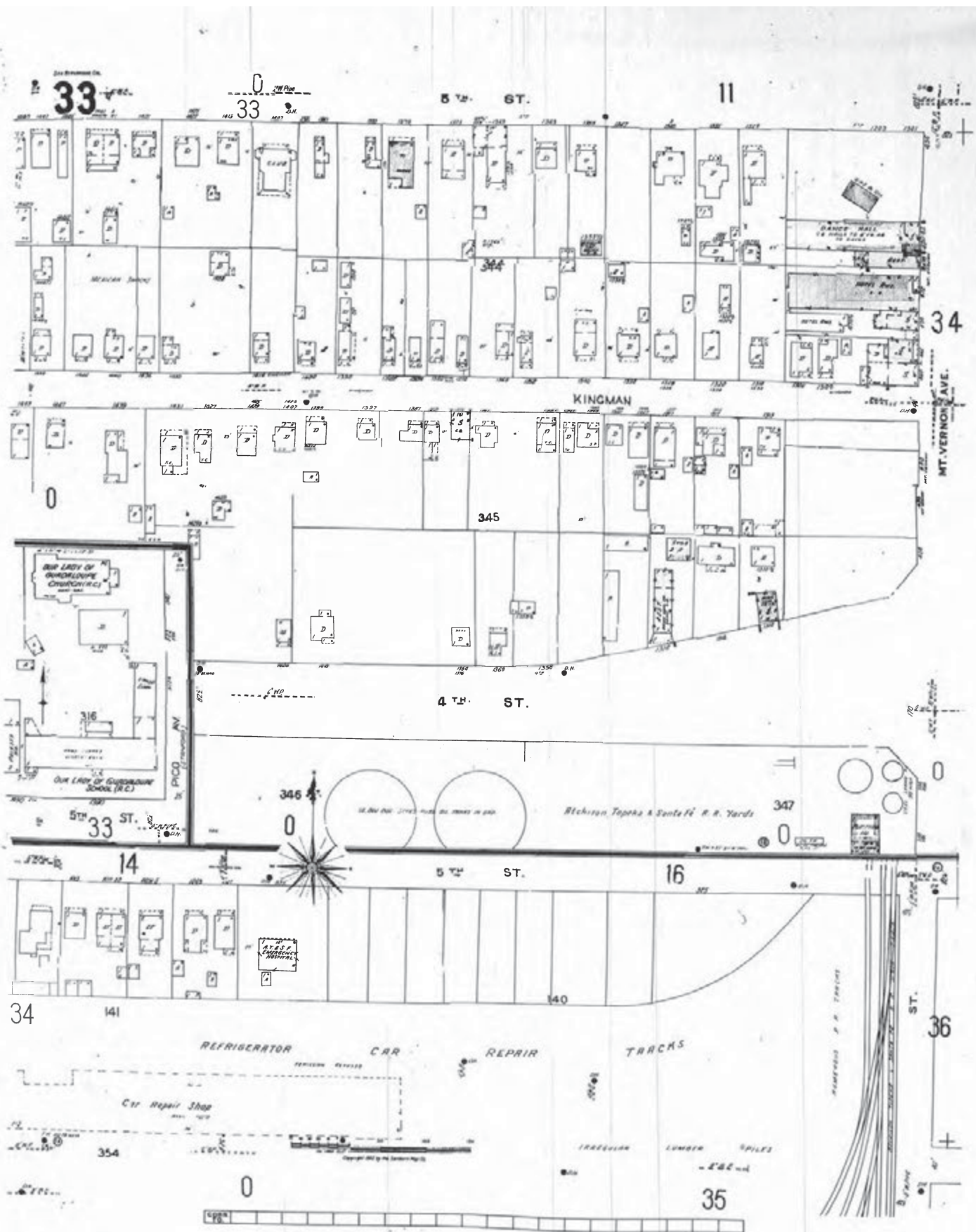


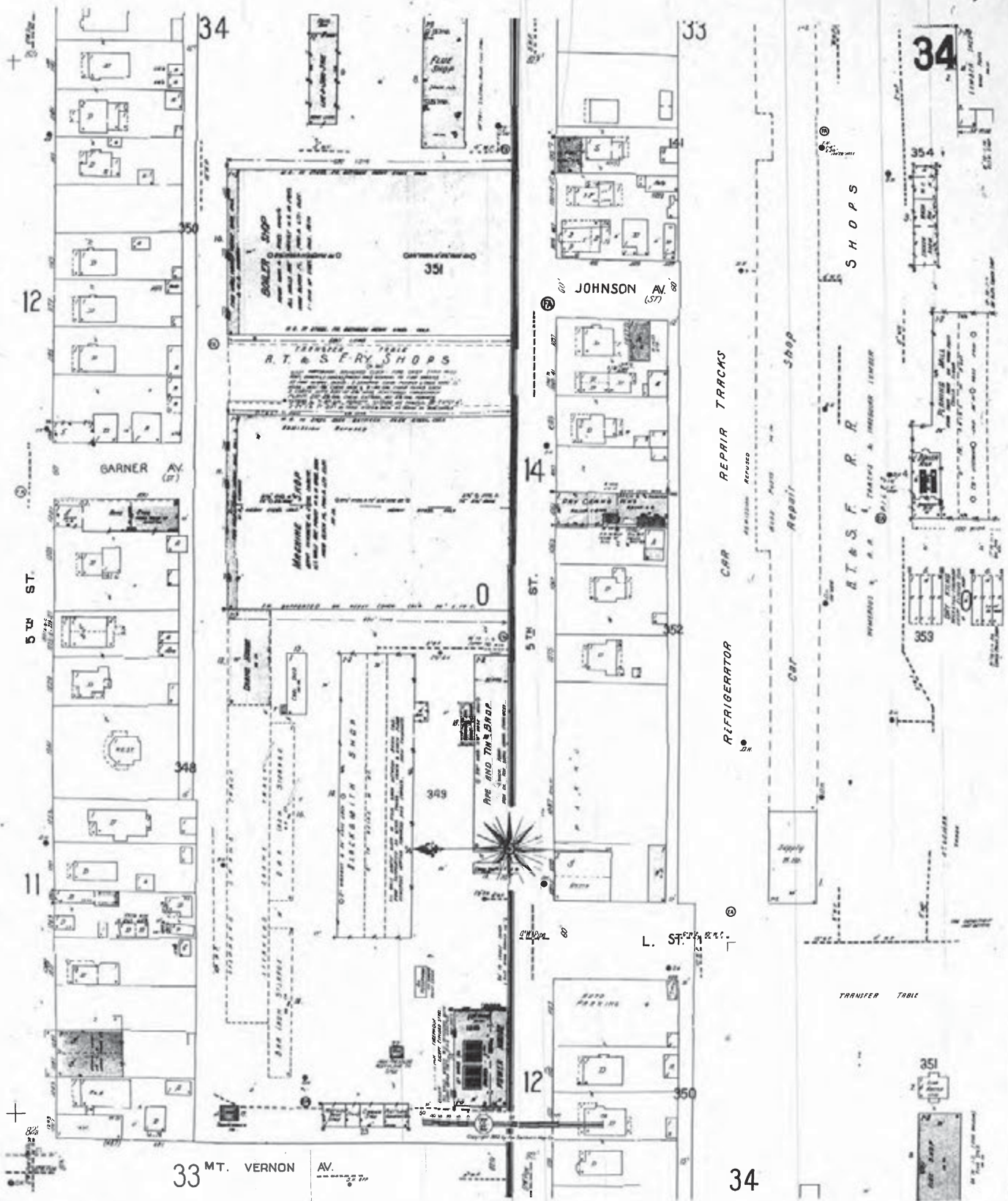


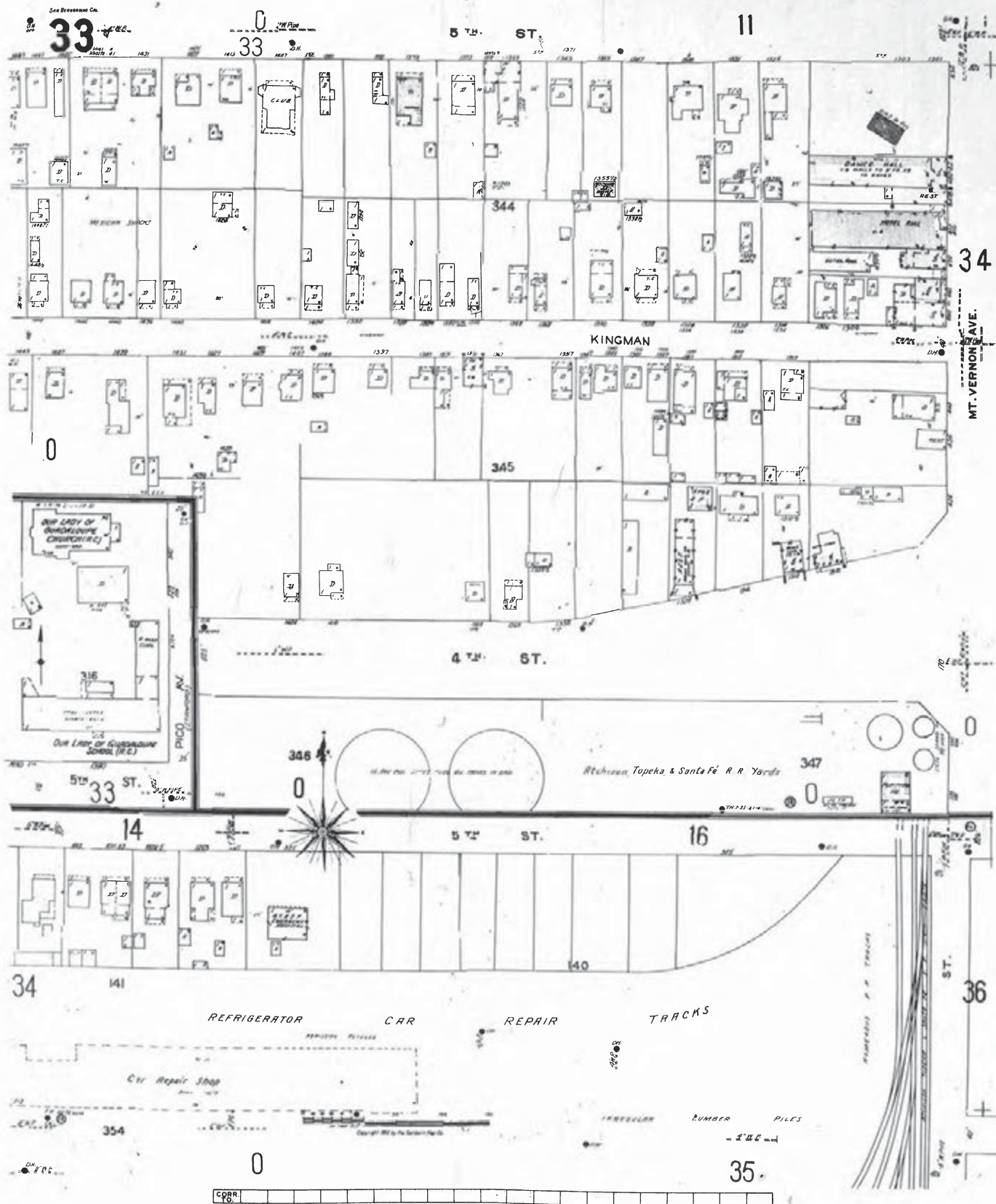


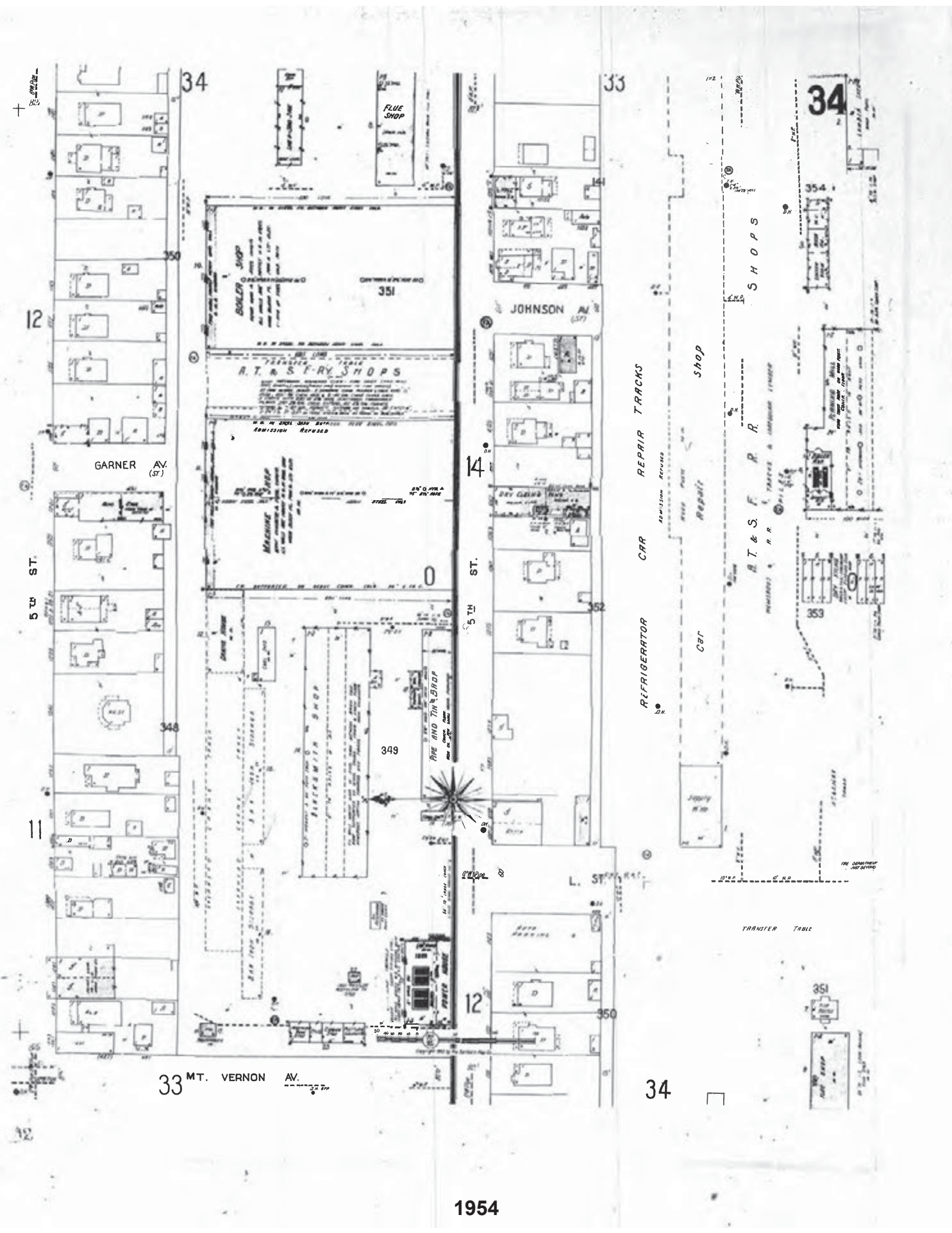


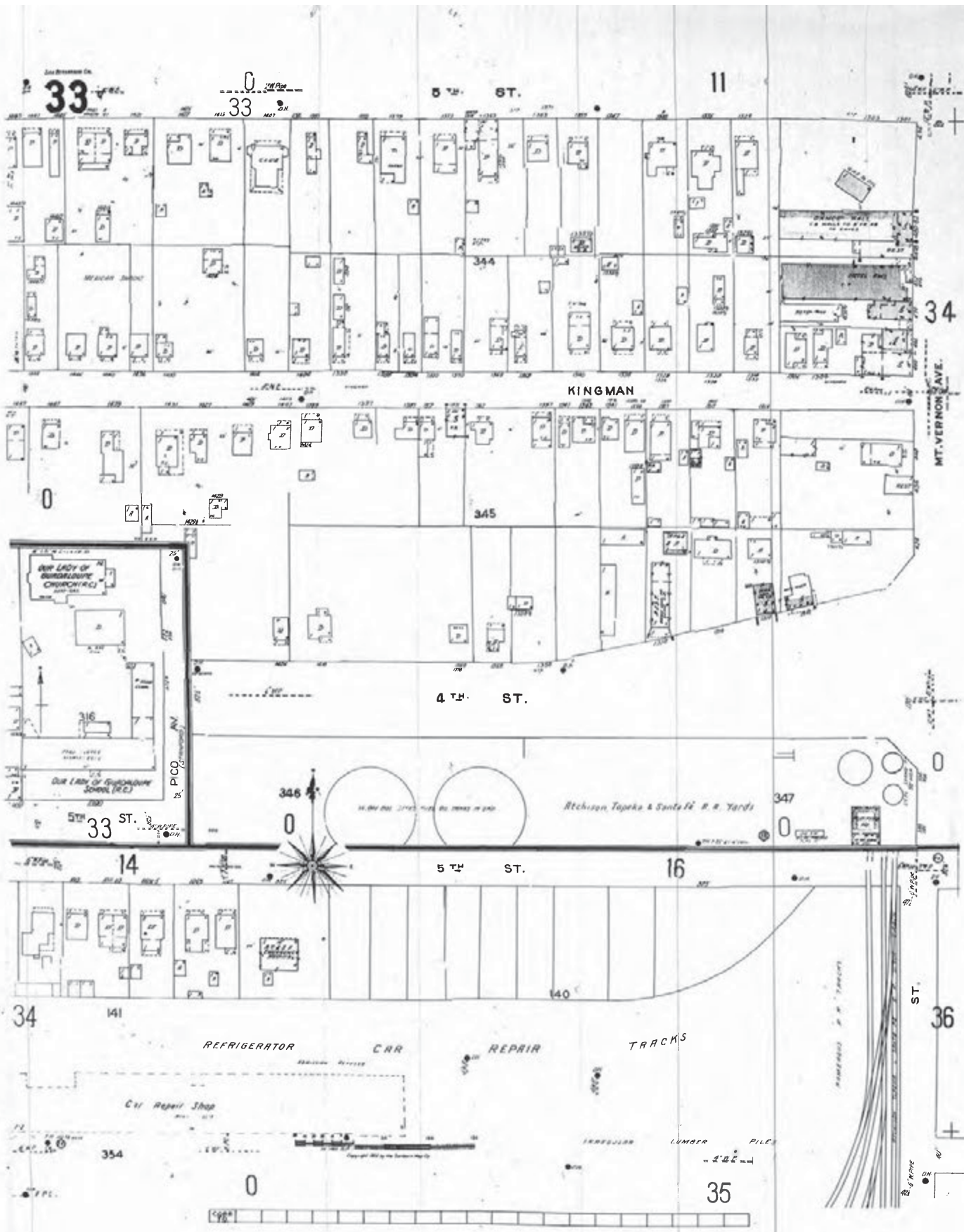


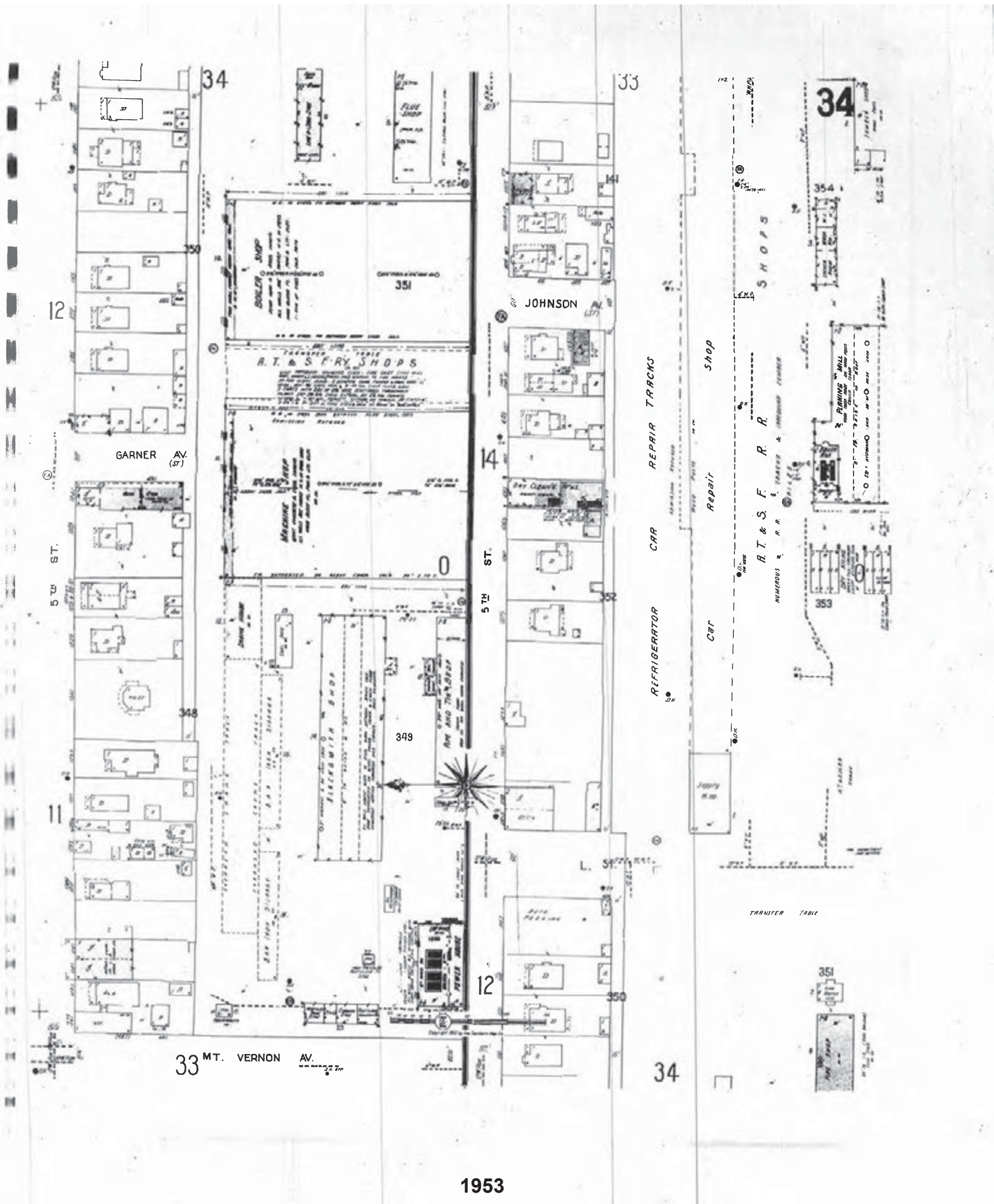


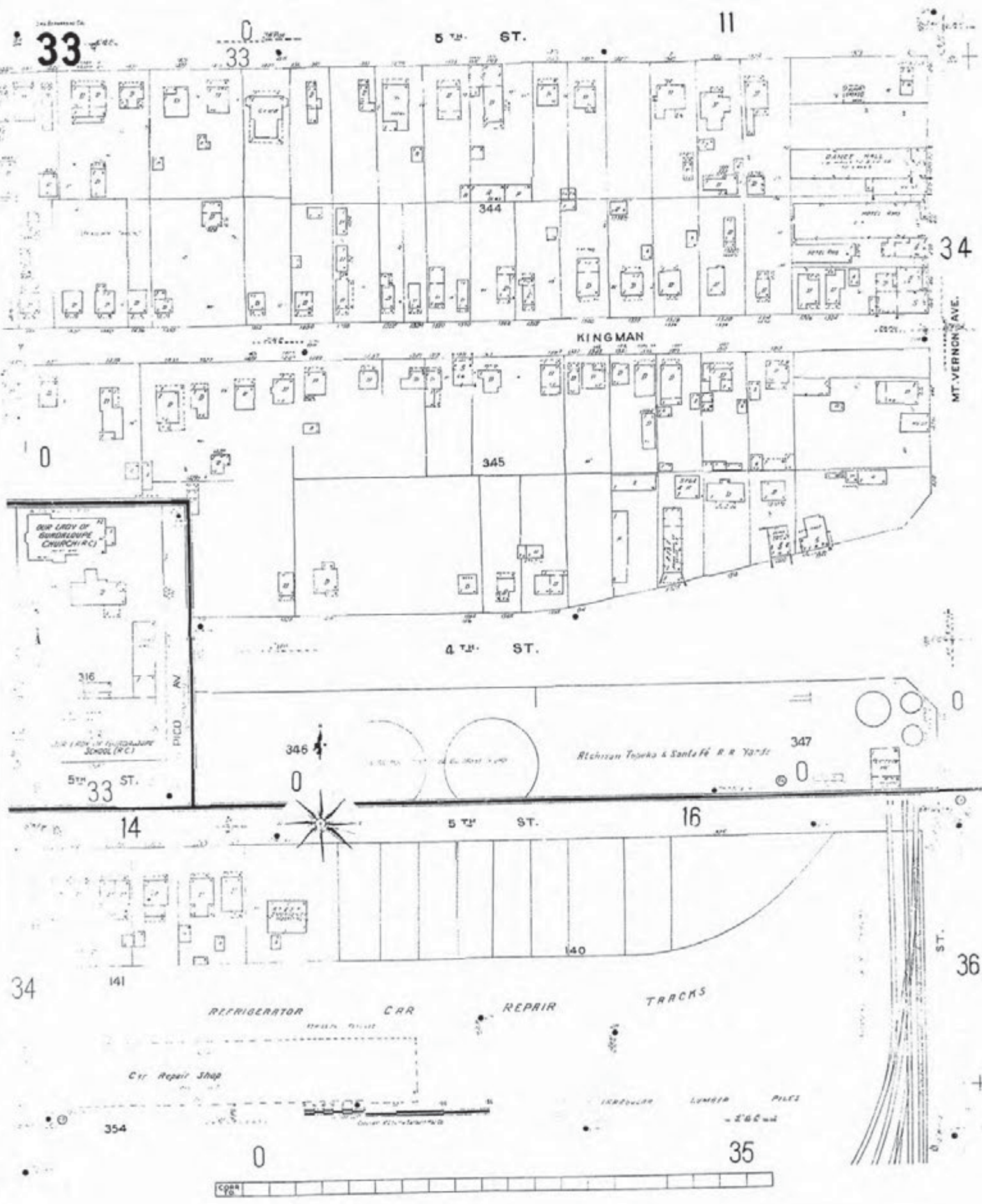


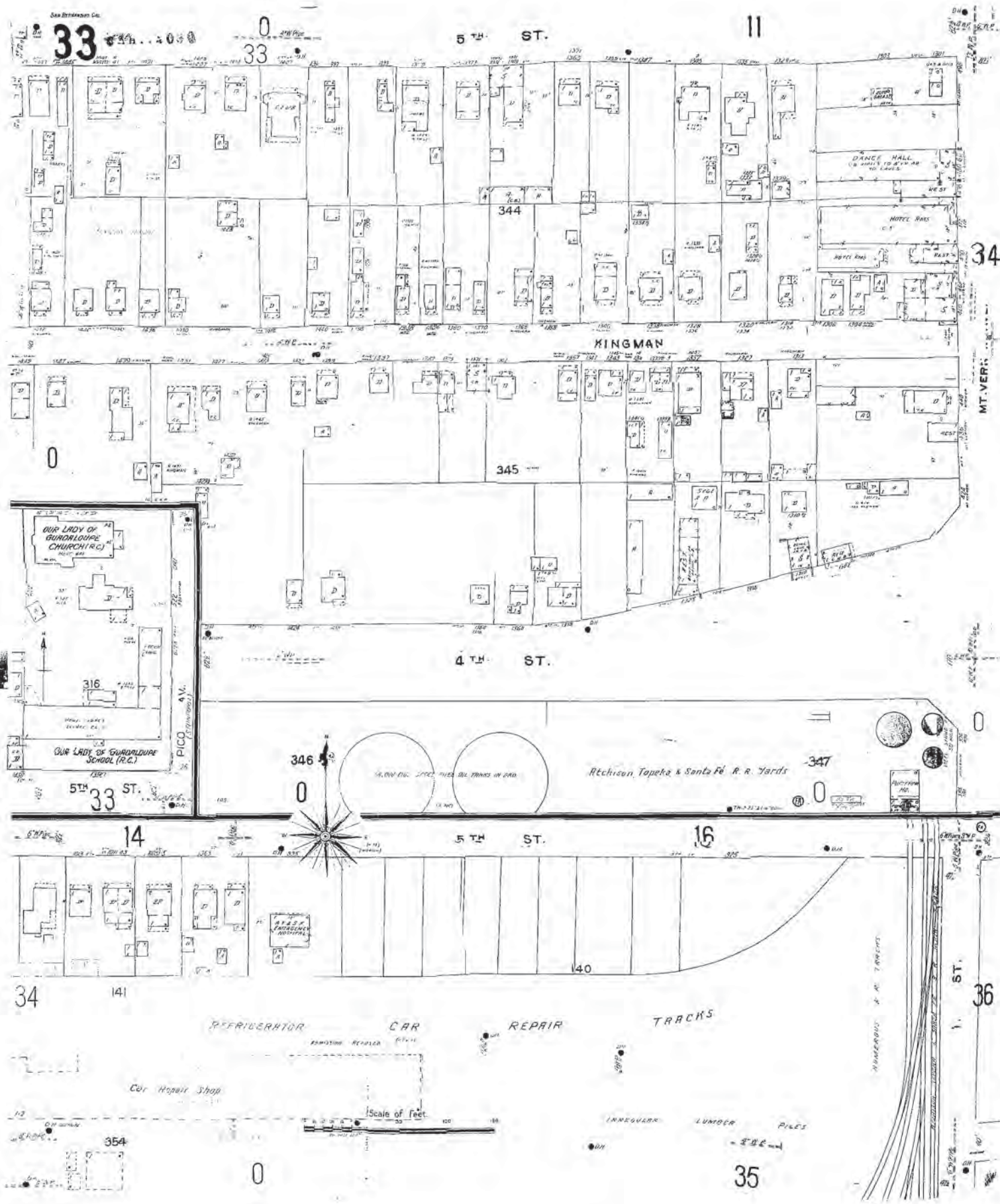


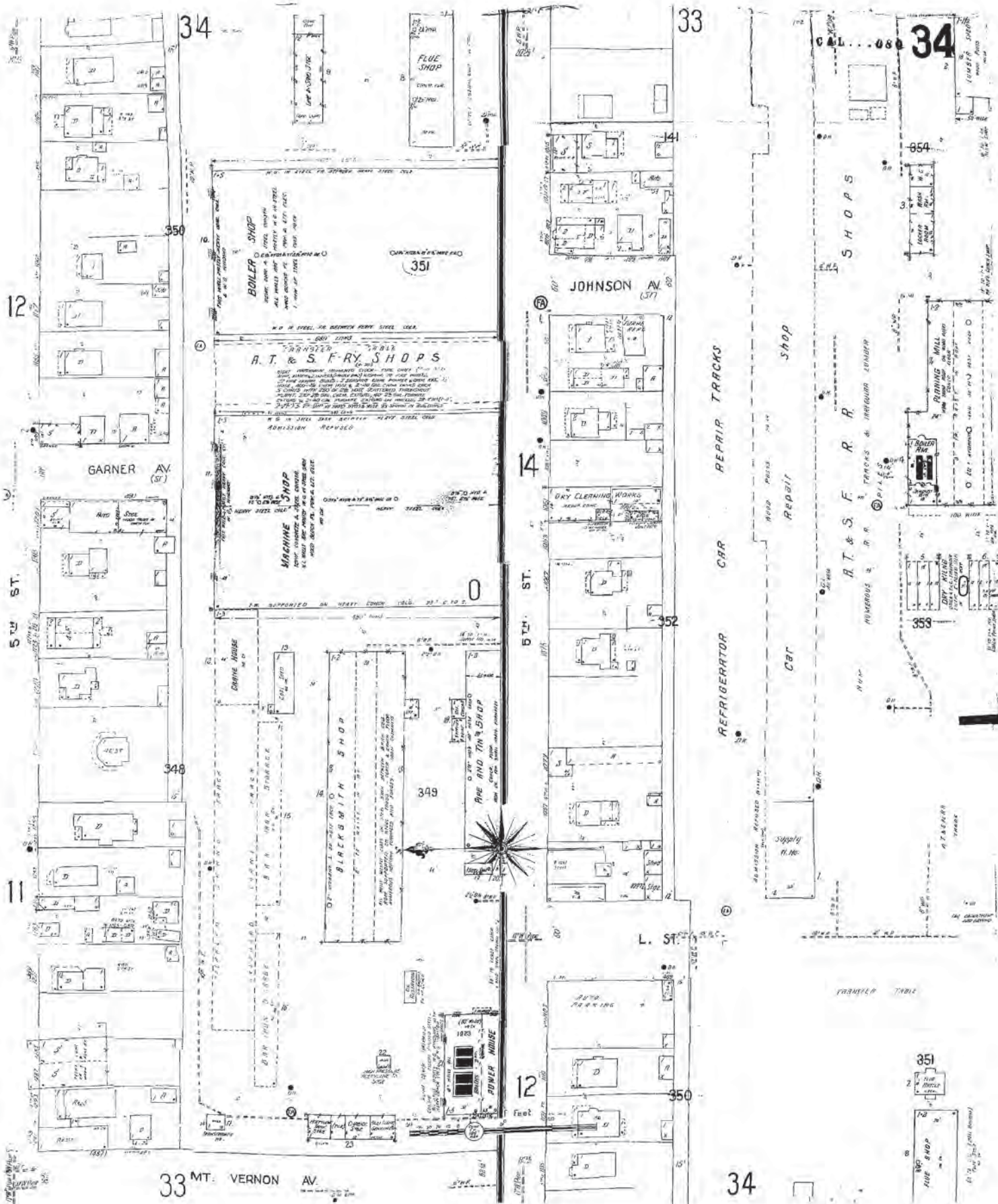


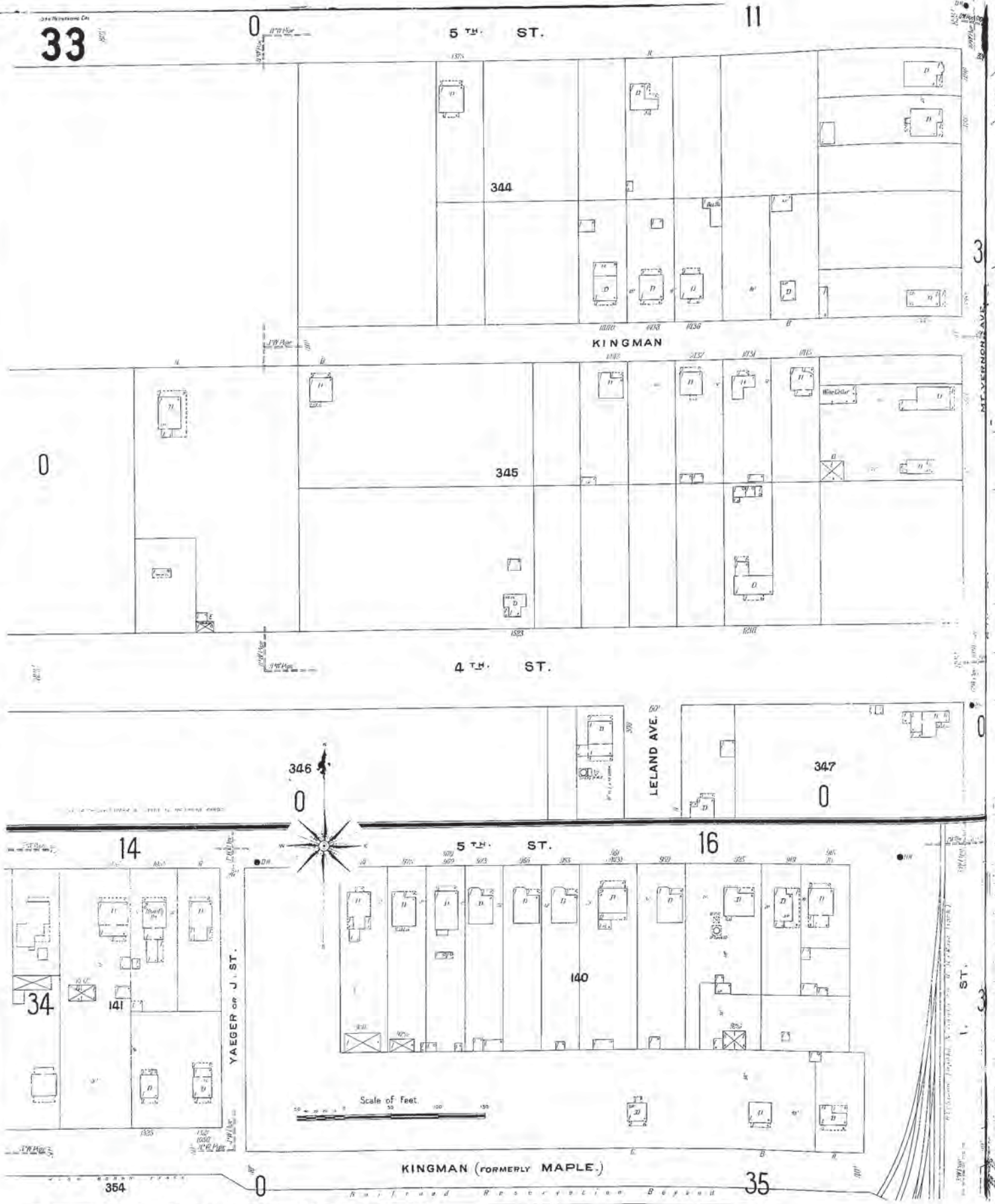


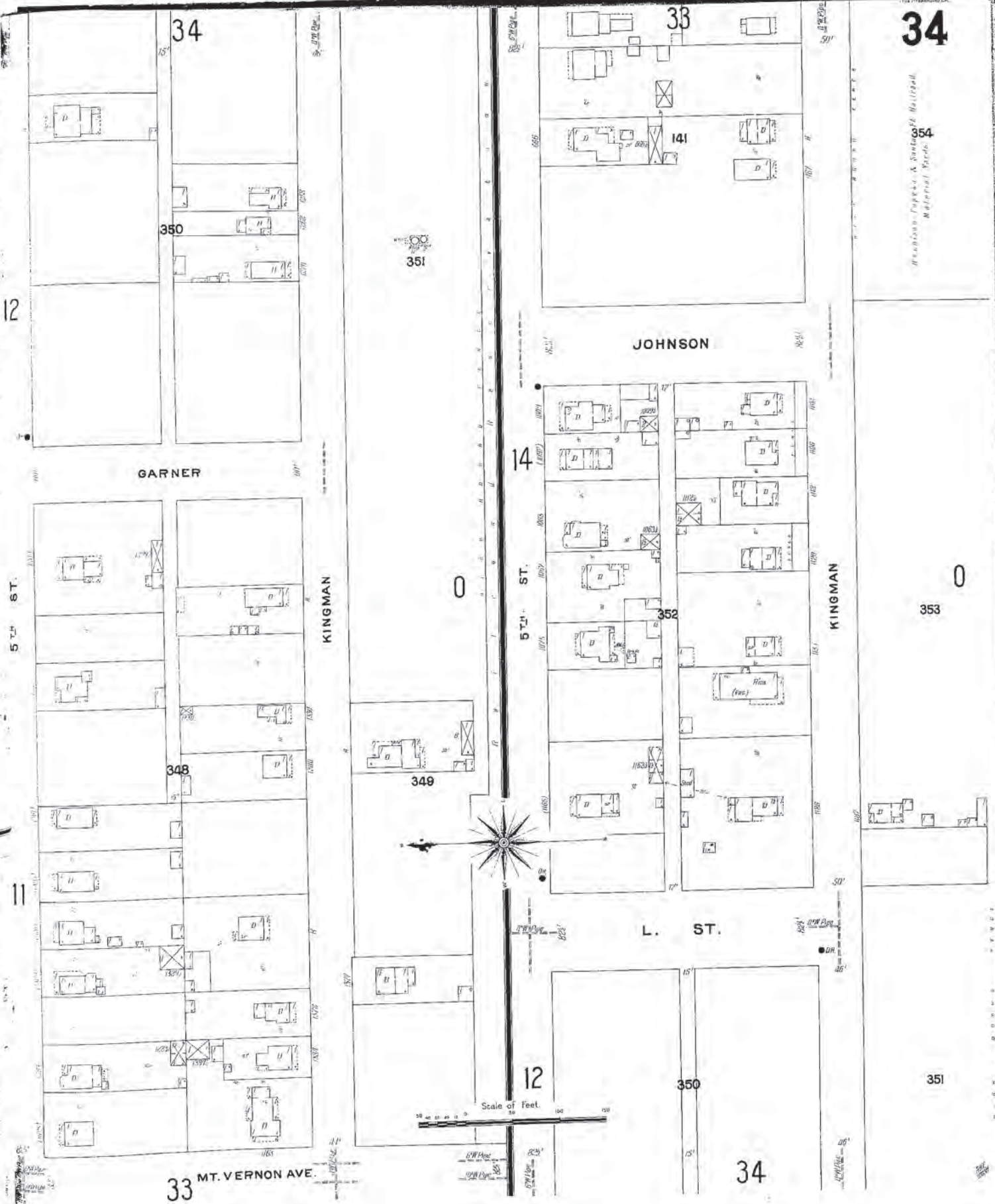












APPENDIX F
ISA CHECKLIST



Initial Site Assessment (ISA) Checklist

Project Information

District 8 County San Bernardino Route LOC Kilometer Post (Post Mile) Not Applicable

EA: Not Applicable.

Description: Replacement of the existing Mount Vernon Avenue Bridge and proposed shoofly track area.

Is the project on the HW Study Minimal-Risk Projects List (HW1)? No

Project Manager: Jean La Fontaine

phone #: (858) 578-8964

Project Screening

Attach the project location map to this checklist to show location of all know and/or potential HW sites identified.

1. Project Features: New R/W? Yes

Excavation? Yes

Railroad Involvement? Yes

Structure demolition/modification? Yes

Subsurface utility relocation? To be determined

2. Project Setting Rural or Urban: Urban

Current land uses: Bridge, driveway and shipping container storage

Adjacent land uses (industrial, light industry, commercial, agricultural, residential, etc.):

Commercial, residential, and rail operations

3. Check federal, State, and local environmental and health regulatory agency records as neces-

sary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project. Please refer to the ISA report for discussions of hazardous waste sites.

4. Conduct Field Inspection.

Date: 7/30/09

Use the attached map to locate potential or known HW sites.

Storage Structures / Pipelines:

Underground tanks: No

Surface tanks: No

Sumps: No

Ponds: No

Drums: No

Basins: No

Transformers: No

Landfill: No

Other: Refer to ISA report regarding BNSF rail yard.

Contamination: (spills, leaks, illegal dumping, etc.)

Surface staining: Yes – at the fueling area adjacent and north of the proposed shoofly track area and west of the bridge.

Oil sheen: No

Odors: No

Vegetation damage: No

Other: Please refer to ISA report regarding BNSF rail yard.

Hazardous Materials: (asbestos, lead, etc.)

Buildings: No

Spray-on fireproofing: No

Pipe wrap: Yes

Friable tile: No

Acoustical plaster: No

Serpentine: No

Paint: Yes

Other: Ninyo & Moore has completed asbestos and lead-based paint testing of the bridge. Please refer to the asbestos and lead-based paint survey report dated January 13, 2010

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.

Mount Vernon Avenue Bridge

The bridge is situated above an active BNSF Railway - former Atchison, Topeka and Santa Fe Railway (ATSF) yard since its construction in approximately 1934.

Soil underlying the bridge within the BNSF yard has been impacted with petroleum hydrocarbons and metals from historical railway operations. Impacted soil underlying the bridge was excavated. Regulatory closure for impacted soil was granted on May 2003.

Residual herbicides suspected to be used along the railroad tracks may be present in soil beneath the bridge.

The bridge is approximately 1,000 feet west of a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF rail yard. The groundwater and extent of contamination is currently under investigation under the oversight of the Regional Water Quality Control Board (RWQCB).

Two former gasoline stations appear to have been located within the immediate vicinity of the bridge: one on the northwest corner of 5th Street and Mount Vernon Avenue and the other on the southwest corner of 2nd Street and Mount Vernon Avenue.

Proposed Shoofly Track Area

The proposed shoofly track area is in the northern portion of the BNSF railroad yard. This portion of the site extends through most of the length of the railroad yard from the approximate western end of the railroad yard to the intersection of 5th Street and I Street (northeastern corner of the railroad yard).

The proposed shoofly track area west of the bridge contained railroad tracks leading into the train roundhouse since the railroad yard was developed in the early 1900s.

The proposed shoofly area east of the bridge was occupied by a roundhouse and diesel and car shops (maintenance) extended onto the proposed shoofly track area east of Mount Vernon Avenue. The roundhouse and the diesel and car shops were removed in the early 1990s.

A vapor extraction system/vapor treatment system (VES/VTs) was installed to remediate solvent contaminated soil in the immediate vicinity of the proposed shoofly track area. A no further action (NFA) was issued and for solvent contaminated soil by the RWQCB and a closure letter was issued for the BNSF property on September 9, 2008. The groundwater and extent of contamination is currently under investigation under the oversight of the RWQCB.

A fueling area, wash pad and an oil/water separator system are adjacent and north of the proposed shoofly track area and west of the bridge. The fueling area contains a 6,000-gallon diesel above ground storage tank (AST), a 2,000-gallon gasoline AST, two 240-gallon diesel ASTs, two 240-gallon unleaded fuel ASTs, Seventeen 55-gallon drums of used filters and motor oil, two 240-gallon ASTs with motor oil and one 240 gallon AST with used motor oil, and a small shed with four 55 gallon drums containing new and used motor oil. Surface staining was observed around the stored petroleum products.

The wastewater/oil-and-water separator system located on BNSF property north of the proposed shoofly area and west of the Mount Vernon Avenue Bridge consists of a below grade oil/water separator and an oil recovery AST. Wash water from the wash pads drains into the below grade oil/water separator. The recovered oil is pumped back to an oil recovery AST.

Soil on BNSF property in the vicinity of the proposed shoofly track area has been impacted with petroleum hydrocarbons and metals from historical railway operations. Impacted soil was excavated between October 1988 and May 2003. Regulatory closure of the impacted soil was granted on May 12, 2003.

Based on the historic use as a rail yard and the common use of herbicides on railroad tracks, residual herbicides may be present in soil beneath the asphalt along the proposed shoofly track area.

The eastern portion of the proposed shoofly track area is in the immediate vicinity of a chlorinated solvent plume in groundwater which has resulted from historic releases at the BNSF/ATSF property. The extent of the groundwater contamination is currently under investigation under the oversight of the RWQCB

6. Other comments and/or observations: None

ISA Determination

Does the project have potential hazardous waste involvement? Yes

If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? Yes

If "YES," explain; then give an estimate of additional time required: Soil (and groundwater if encountered) beneath the bridge within the proposed demolition and construction zones should be sampled and analyzed for chemicals of concern (COCs). Testing should be done prior to completion of the Project Approval/Environmental Document (PAED) so that any special handling,

treatment, or disposal provisions associated with hazardous wastes may be included in construction documents.

Mount Vernon Avenue

Soil (and groundwater if encountered) beneath the bridge within the proposed demolition and construction zones should be sampled and analyzed for chemicals of concern (COCs) including petroleum hydrocarbons, metals, volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and chlorinated herbicides prior to completion of the PAED.

If the proposed demolition construction activities will impact soil beneath the two former gasoline stations, soil samples should be collected and analyzed for petroleum hydrocarbons and VOCs prior to completion of the PAED.

Proposed Shoofly Track Area

Soil (and groundwater if encountered) beneath the proposed shoofly track area should be sampled and analyzed for petroleum hydrocarbons, metals, VOCs, PCBs, SVOCs, and chlorinated herbicides prior to completion of the PAED.

A hazardous materials contingency plan should be prepared to address the potential for discovery of unidentified USTs, septic systems, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan should address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

A soil monitoring plan should be prepared prior to construction and should be implemented during all phases of construction. Disturbed soils should be monitored for visual evidence of contamination (e.g., staining or discoloration). If visual evidence of contamination is observed, the soil should be monitored for the presence of Volatile Organic Compounds (VOCs) using appropriate field instruments such as organic vapor measurement with photoionization detectors

(PIDs) or flame ionization detectors (FIDs). If the monitoring procedures indicate the possible presence of contaminated soil, a contaminated soil contingency plan should be implemented and should include procedures for segregation, sampling, and chemical analysis of soil. Contaminated soil will be profiled for disposal and will be transported with appropriate hazardous or non-hazardous waste manifests by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the type of waste indicated by the profiling process. The contaminated soil contingency plan should be developed and in place during all construction activities. In the event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/ National Pollutant Discharge Elimination System (NPDES) process, the groundwater should be profiled, manifested, hauled, and disposed of in the same manner.

A brief memo should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

ISA Conducted by: Javier Perez

Date: 9/11/09

APPENDIX G

USER PROVIDED INFORMATION

PHASE I ESA/AAI REQUIREMENTS

According to the All Appropriate Inquiry (AAI, 40 CFR 312) requirements and ASTM (E 1527-05) guidance on conducting Phase I Environmental Site Assessments, the "user" of the assessment must provide the following information, if available, to the environmental professional in order to qualify for Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Please check yes or no and provide any additional information you may have regarding the site. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 132.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

☐ Yes

☒ No

If yes, please explain:

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ Yes

☒ No

If yes, please explain:

(3) Specialized knowledge or experience of the person/department requesting the Phase I ESA and seeking to qualify for the landowner liability protections (40 CFR 312.28).

As the user of this ESA, do you have any specialized knowledge or experience related to the property or adjoining properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes

☒ No

If yes, please explain:

(4) Relationship of the purchase price to the fair market value of the property, if it were not contaminated (40 CFR 312.29).

Does the purchase price offered for this property reasonably reflect the fair market value of the property? If there is a difference between the purchase price and the fair market value, have you considered whether the lower purchase price is because contamination is known or believed to be at the property? *No.*

Please discuss: *THE PROPERTY IS CURRENTLY THE LOCATION OF A BRIDGE AND RAILYARD UNDERNEATH. THOSE USES WILL CONTINUE.*

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a) Do you know the past uses of the property?

(b) Do you know of specific chemicals that are present or once were present at the property?

(c) Do you know of spills or other chemical releases that have taken place at the property?

(d) Do you know of any environmental cleanups that have taken place or are ongoing at the property?

☒ Yes

☐ No

If yes, please explain:

THE PROPERTY USE UNDER THE BRIDGE IS RAILYARD

(6) The degree of obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☒ Yes

☐ No

If yes, please explain:

SOME CONTAMINATION IS LIKELY DUE TO THE R/R USE.

MICHAEL W. GRUBBS

Print Name

(Michael) Grubbs

Signature

8-13-09

Date

*CITY OF SAN BERNARDINO
PROJECT MANAGER*

*RE: MT. VERNON BRIDGE
PROJECT (SS 04-12)*

APPENDIX H

BNSF LETTER



Melvin Thomas
Manager Public Projects

BNSF Railway Company

740 East Carnegie Drive
San Bernardino, CA 92408
(909) 386-4472 (office)
(909) 831-8199 (cell)
(909) 386-4479 (fax)
Melvin.Thomas@bnsf.com

January 25, 2010

City of San Bernardino
Public Works/Engineering Department
300 North "D" Street, 3rd Floor
San Bernardino, CA 92418

Attention: Mr. Robert Eisenbeisz, P.E.
City Engineer

Subject: Mount Vernon Bridge – Request for Hazardous Waste Testing

Dear Mr. Eisenbeisz:

This letter is in response to your request regarding the need for hazardous waste investigation within the BNSF Railway Co's (BNSF) Intermodal Facility, located in San Bernardino, California. Per our meeting on December 16, 2009, it's our understanding that you are in the environmental document phase of your project in accordance with Caltrans project development procedures and you are requesting authorization for an investigation which would require drilled borings under/adjacent/along the Mount Vernon Bridge in the BNSF intermodal yard. You've also indicated that you will need, upon approval of the environmental document and start of the design phase, authorization for a geotechnical investigation also requiring also field borings.

The Mount Vernon Bridge footprint impacts four different and significant active rail road operations – BNSF freight, BNSF storage, Metrolink, and Amtrak. On average, over 100 BNSF and Amtrak train movements per day operate on the four main tracks under the Mount Vernon Bridge. In addition, Metrolink operates approximately 44 commuter trains through the affected area each week day. Further, the six intermodal loading/unloading tracks and seven staging tracks are utilized to support approximately 1,500 units per day. Any negative impacts to the operational effectiveness of the intermodal facility and/or the transcontinental main lines are felt immediately – from Chicago to Los Angeles and the San Pedro Ports.

BNSF remains committed to balance the City of San Bernardino's needs for the bridge replacement with railway operational needs to support national goods movement and regional commuters. However, to reduce the impact the intermodal operations, we request that you conduct the Hazardous Waste and Geotechnical investigation concurrently in the



design phase so that you are only in our yard once to do the borings. If you have any questions, or if we can provide any additional information, please feel free to contact me at (909) 386-4472 or via email at Melvin.Thomas@bnsf.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Melvin Thomas". The signature is stylized with a long horizontal stroke at the end.

Melvin Thomas
Manager Public Projects
BNSF Railway