APPENDIX K-I.1

Hazardous Materials Assessment

HAZARDOUS MATERIALS ASSESSMENT
PROPOSED DESERT XPRESS RAIL CORRIDOR
VICTORVILLE, CALIFORNIA, TO
LAS VEGAS, NEVADA

PREPARED FOR:
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March 23, 2007
Project No. 206725002

March 23, 2007
Project No. 206725002

Mr. John Cook
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

Subject: Hazardous Materials Assessment
Proposed Desert Xpress Rail Corridor

Victorville, California to Las Vegas, Nevada

Dear Mr. Cook:

In accordance with your authorization, Ninyo & Moore has completed a Hazardous Materials Assessment (HMA) along the proposed Desert Xpress rail corridor between Victorville, California, and Las Vegas, Nevada. The report describes our findings, methodologies, and conclusions.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

for

Catherine A. Gough
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CAG/DIS/emp/sc

Distribution: (1) Addressee (via FTP)

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1. HAZARDOUS MATERIALS

CirclePoint authorized Ninyo & Moore to perform a Hazardous Materials Assessment (HMA) of a proposed rail corridor (The Desert Xpress) between Victorville, California, and Las Vegas, Nevada. The HMA was performed to evaluate, to the extent practical, areas of the corridor or properties adjoining the corridor where unauthorized releases of hazardous materials have occurred. This HMA addresses properties located along Interstate 15 (I-15), Burlington Northern Santa Fe (BNSF) railways, as well as other properties between Victorville, California, and Las Vegas, Nevada (site). The HMA has been performed in accordance with proposal No. P-12868, dated February 3, 2006. The field assessment portion of this HMA was performed during July 2006 according to the scope of work (SOW) agreed to by Ninyo & Moore and CirclePoint.

1.1. Scope of Work

The scope of this HMA included but was not limited to the following tasks:

- Project coordination and meeting attendance, including meetings with team members and/or subconsultants as necessary to comply with project requirements.

- Review of existing maps and reports of past assessments and corrective actions, if available, for the alignment and properties located in near proximity to the alignment. Review of readily available historical aerial photographs of the alignment and vicinity.

- A review of federal, state, and county regulatory agency databases to identify known hazardous waste sites; landfills; leaking and permitted underground storage tanks; and facilities that use, store, or dispose of hazardous materials within an approximately $^{1}/_{8}$-mile radius of the project site.

- A reconnaissance of the project alignment to visually evaluate areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, and possible risks of contamination from activities within and adjacent to the proposed alignment, including the abandoned Molycorp waste pipeline in the median of I-15.

- Contact with regulatory agency representatives, as necessary, to discuss the current status of selected hazardous waste sites along the alignment, which appear on the government agency database search.

- Sites with potential hazardous materials impacts to the project were screened. Hazardous material issues associated with the operation of the rail line were also assessed and

summarized. Findings are summarized in map and table form. Our findings regarding hazardous materials issues, as well as conclusions and recommendations for additional testing, are summarized in this report so that they may be incorporated into the Environmental Impact Statement (EIS) document.

The purpose of this HMA was to evaluate the likelihood that hazardous materials may be present in soil or groundwater beneath the site as a result of on-site or off-site activities. For the most part, the site consists of freeway shoulders, freeway medians, and both active and inactive BNSF R/W; the emphasis of our evaluation was primarily on off-site properties which adjoin the site. The likelihood of specific areas of the site being contaminated by hazardous materials was ranked as high, moderate, or low based on the following descriptions:

- **High** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a leaking underground storage tank (LUST) property where remediation had not been started or was not yet finished.

- **Moderate** – Property with potential or suspected contamination within the area of the project. Examples of properties in this category would be LUST properties in the vicinity of the site that are in final stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status, as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where underground storage tanks (USTs) are likely present, but that appeared to be abandoned by their former operators.

- **Low** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be active UST or dry cleaning facilities with no documented releases or properties that are not adjacent to the site and remediation of previous releases had been completed.

1.2. Limitations

This HMA has been prepared for use by CirclePoint. The information presented in this report is based on the project SOW (Section 1.1). Ninyo & Moore has relied on information provided by others in our description of historical conditions and our review of regulatory databases and files. However, Ninyo & Moore makes no warranties or guarantees regarding

the accuracy or completeness of the information provided or compiled by others. Ninyo & Moore observed properties adjoining the proposed rail line from public R/W only in accordance with our SOW. In areas inaccessible by public R/W; an effort was made to observe features at a distance. Ninyo & Moore did not conduct interviews with individual property representatives.

No HMA can completely eliminate uncertainty regarding the potential for hazardous materials conditions in connection with a property. Performance of this HMA is intended to reduce, but not eliminate, uncertainty regarding the presence of hazardous materials conditions. The available data do not provide definitive information relative to past uses, operations, or incidents at the site or adjacent properties. The existence of site contamination that was not identified during this HMA is possible and cannot be adequately assessed without additional research beyond the stated SOW. Further evaluation of these types of risks could include subsurface exploration, sampling, and/or other forms of testing.

In addition, some substances may be present within the proposed corridor area or in the vicinity in quantities below those categorized as actionable by current environmental regulations. Ninyo & Moore cannot be responsible if regulatory standards are changed in the future in a manner that renders the current site conditions actionable.

2. REGULATORY REQUIREMENTS AND METHODS OF EVALUATION

2.1. Regulatory Requirements

Hazardous materials and hazardous wastes are regulated by numerous state and federal laws. These include not only specific statutes governing hazardous waste but also a variety of laws regulating air and water quality, human health, and land use.

2.1.1. Federal Requirements

The primary federal laws regulating hazardous wastes/materials are the Resource Conservation and Recovery Act of 1976 (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The purpose of

CERCLA, often referred to as Superfund, is to clean up contaminated sites so that public health and welfare are not compromised. RCRA provides for "cradle to grave" regulation of hazardous wastes. Other federal laws include:

- Community Environmental Response Facilitation Act (CERFA) of 1992
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety & Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act (TSCA)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

In addition to the acts listed above, Executive Order 12088, Federal Compliance with Pollution Control, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

2.1.2. State Requirements

Worker health and safety and public safety are key issues when dealing with hazardous materials that may affect human health and the environment. Proper disposal of hazardous material is vital if it is disturbed during project construction.

Hazardous waste management in California is regulated primarily under the authority of the California Health and Safety Code. Other California laws that affect hazardous waste are specific to handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning.

Hazardous waste management in Nevada is regulated primarily under the authority of the Nevada Division of Environmental Protection.

2.1.3. Regional and Local Requirements

The following is a description of the local agencies that may have oversight in the project area.

2.1.3.1. California State Fire Marshal's (CSFM) Office

The CSFM supports the mission of the California Department of Forestry and Fire Protection by focusing on fire prevention. CSFM provides support through a wide variety of fire safety responsibilities, including regulating buildings in which people live, congregate, or are confined; by controlling substances and products which may, in and of themselves, or by their misuse, cause injuries, death and destruction by fire; by providing statewide direction for fire prevention with wildland areas; by regulating hazardous liquid pipelines; by reviewing regulations and building standards; and by providing training and education in fire protection methods and responsibilities.

2.1.3.2. Mojave Desert Air Quality Management District (MDAQMD)

The California MDAQMD is the agency responsible for establishing criteria by which air quality in the project area is measured. For any particular locale, air quality is based on the amount of pollutants emitted and dispersed and the climatic conditions that may reduce or enhance the formation of pollutants. One of the MDAQMD's key tasks is to assure compliance with air quality rules and regulations and with state and federal air quality statues to achieve and sustain air quality standards throughout the Mojave Desert Air Basin in California.

2.1.3.3. San Bernardino County Fire Department, Hazardous Materials Division (SBCFD)

The SBCFD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and

use hazardous materials and generate hazardous wastes in San Bernardino County, California.

2.1.3.4. San Bernardino County Solid Waste Management Division (SBCSWMD)

The SBCSWMD has local regulatory oversight responsibility for active and closed landfills in San Bernardino County, California.

2.1.3.5. Regional Water Quality Control Board (RWQCB)

The Southern Lahontan Region Regional Water Quality Control Board (LRWQCB) also has oversight jurisdiction with regard to releases (primarily to groundwater) from USTs and other point and regional sources within their jurisdiction in California. The RWQCB issues National Pollutant Discharge Elimination System (NPDES) permits.

2.1.3.6. Nevada State Fire Marshal's (NSFM) Office

This NSFM is responsible for the permitting and regulating the storage, use, and transportation of hazardous materials within the state of Nevada. Additional services provided by the NSFM are hazardous materials inspections per the Nevada Revised Statutes (NRS) and Nevada Administrative Codes (NAC), regulation of hazardous liquid pipelines, and providing training and education in fire protection methods and responsibilities.

2.1.3.7. Nevada Department of Air Quality and Environment Management (DAQEM)

The Clark County, Nevada, DAQEM is responsible for monitoring the quality of the air throughout Clark County and ensuring that local entities and business are in compliance with air quality rules and regulations. In addition, DAQEM is respon-

sible for the development of proper air quality control measures and educating the citizens of Clark County on good air quality habits.

The DAQEM is also tasked with monitoring the water quality in Clark County. As part of this responsibility, DAQEM has created a program that monitors municipal wastewater treatment, stormwater pollution prevention, groundwater management, and wellhead protection.

2.1.3.8. Clark County Fire Department (CCFD)

The CCFD is the local lead agency that maintains records and files regarding hazardous material use and storage by individuals and business within Clark County.

2.1.3.9. Southern Nevada Health District, Environmental Health (SNHD)

The SNHD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and use hazardous materials and generate hazardous waste. In addition, the SNHD also has local regulatory oversight responsibility for active and closed landfills.

2.2. Methods of Evaluation of Impacts

The following section describes the methods used to identify areas of the site or properties adjoining the site where unauthorized releases of hazardous materials have occurred.

2.2.1. Environmental Database Review

Ninyo & Moore obtained and reviewed automated database search reports for each proposed segment/alternative. Ninyo & Moore subcontracted FirstSearch™ to perform an environmental records search of federal, state, and local files for properties located within the study area. For this project, Ninyo & Moore ordered corridor search reports with a search radius of approximately $^{1}/_{8}$ mile on either side of each respective segment/alternative. The FirstSearch™ database reports are divided into six segments and

their associated alternatives. Single database reports were ordered for segments that have generally adjacent alternatives. For example, in Segment 3, Alternative A is proposed to follow the median of I-15 and Alternative B is proposed to follow the southbound shoulder of I-15. Table 1 provides the number of properties reported by FirstSearch™ for each database search report.

The FirstSearch™ report also includes a list of "non-geocoded" properties that could not be mapped due to unknown or missing addresses or locations. Ninyo & Moore noted the properties that could be verified by site reconnaissance and aerial photograph review that fall within the $^{1}/_{8}$-mile corridor of interest. These properties have been included in our assessment of each alternative and are described within the text of each segment under the applicable database discussion. Non-geocoded properties not considered significant environmental concerns to the site and properties located beyond the boundaries of the corridors of interest and are not discussed. The FirstSearch™ reports are included as Appendix A.

Regulatory agency databases that were reviewed include:

- National Priorities List (NPL) of the United States Environmental Protection Agency (EPA)
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)
- Resource Conservation and Recovery Act (RCRA)
- Emergency Response Notification System (ERNS)
- California Environmental Protection Agency, Department of Toxic Substances Control, State Priority List (CAL-SITES)
- Nevada Environmental Protection Agency (NEV-STATE)
- Spills-1990 (California Only)
- Solid Waste Landfills (SWLs)
- Leaking Underground Storage Tank (LUST)

- Underground Storage Tanks (UST)

2.2.2. Aerial Photography

Ninyo & Moore reviewed aerial photography for each of the respective segment/alternatives. Aerial photographs have been collected for the continental United States since the 1920s, with variable coverage and frequency (generally based on an area's importance to national defense). Aerial photographs offer an opportunity for direct observation of site conditions across a period of time. These observations may include the locations of tank pits, drums, pits, ponds, lagoons, stained/stressed vegetation, or other site development features that can indicate potential contaminant sources.

Aerial photographs of the project area were provided by Continental Aerial Photo, Inc., of Los Alamitos, California, the United States Geological Survey (USGS), and Google™ Maps. For this study, Ninyo & Moore reviewed aerial photographs taken in 1950, 1955, 1968, 1969, 1973, 1975, 1976, 1977, 1978, 1986, 1997, 1999, and 2006. The photographs reviewed varied in scale and clarity, and were taken from various altitudes.

The aerial photograph review served to verify information gained from other sources and, in some cases, served as the primary source of information. Information that was gathered from aerial photographs is summarized in the following tables. Since the project area includes approximately 200 miles of corridor, the tables include limited data in the interest of brevity. The data are limited primarily to areas of potential concern as revealed by regulatory data or our site reconnaissance. Historical features of potential environmental concern noted, which were not revealed by current sources, are also described in the tables. Aerial photography coverage for the undeveloped sections of the corridor was of limited use due to scale or coverage was not readily available.

2.2.3. Site Reconnaissance

A site reconnaissance was conducted to provide us with site-specific, current information about the site that is not obtainable through an environmental database review or

aerial photograph review. Ninyo & Moore performed a site reconnaissance of the project area on July 24 through 28, 2006. The inspection included a reconnaissance of the subject site and adjoining properties from public rights-of-way (R/W). Photographs of the site are presented in Appendix B.

During the site reconnaissance, we looked for several indicators of potential environmental impacts to the project including significant staining or degraded pavement, USTs, aboveground storage tanks (ASTs), storage of significant quantities of hazardous materials and wastes, groundwater monitoring wells and remediation systems, dry cleaning facilities, transformers, pesticide use, industrial facilities, current or historic gasoline stations, distressed vegetation, and the presence of pits, ponds, or lagoons. The presence of features such as ASTs, USTs, or chemical storage areas alone is not cause to classify a property as Moderate or High with regard to risk.

In general, the most common facilities of environmental concern noted in densely developed urban and suburban areas are industrial facilities and gasoline stations. Because of the large project area and the scope of services for this HMA, which did not include inspections of individual facilities, a property would not be listed as a facility of concern during the site reconnaissance unless it was in the immediate vicinity of one of the segments and there was overt and obvious evidence of a subsurface assessment and/or contamination remediation such as an operating remediation system, or drums of soil cuttings from a subsurface investigation that were readily observable from public R/W.

Because gasoline stations are situated in the immediate proximity to public R/W, visual evidence of subsurface assessment/remedial activity is generally more obvious than at industrial facilities. However, the information contained in an environmental database report is still the primary means of screening for gasoline stations which have experienced documented releases. Consequently, during our site reconnaissance, primary attention was paid to gasoline stations with documented releases (listed in the environmental database reports) in close proximity to the segments. Gasoline stations in close

proximity to the proposed alignments were observed from public R/W and evaluated for the presence of wells, drums, and/or remediation systems.

The Project will have a significant detrimental effect if there is exposure of the public and/or the environment to hazardous materials or petroleum compounds by project construction or operational activities. Construction activities could lead to exposure to contaminated soil or groundwater; the primary focus of the HMA is to identify properties affected by the proposed corridor where significant potential for such exposures is present. Operational activities, such as vehicle maintenance at the proposed maintenance facilities, present the potential for future releases of hazardous materials.

As described in the SOW, Section 1.1, individual properties are classified as High, Moderate, or Low with regard to their potential to cause exposure to significant soil or groundwater contamination. The classification of each property was based on the type of operation (current or historical), proximity to the project alignments, hydrogeologic conditions, field observations, and regulatory information. The possible construction impacts and mitigation measures for each property, classified as High or Moderate in the HMA, are discussed in this document. In general, the classification criteria were defined in Section 1.1.

In addition, we evaluate potential operational impacts related to use of hazardous materials at proposed maintenance facilities and elsewhere within the proposed corridor. Mitigation measures are identified for each significant impact identified.

3. AFFECTED ENVIRONMENT

The proposed project includes several proposed linear corridors for the construction of a high-speed rail line between Victorville, California, and Las Vegas, Nevada. The corridors have been divided into six segments, some of which contain multiple alternatives. The overall length covered by the project comprises approximately 200 miles. The specific location of the proposed routes was obtained from maps provided by Project Applicant. The general site location is presented on Figure 1.

3.1. Regional Environment

The proposed rail line is situated in the Mojave Desert portion of the Basin and Range province. The Basin and Range is characterized by a repeating pattern of north-south trending mountain ranges separated by fault-bound basins. The current morphology developed as basins dropped and ranges rose during regional extension. Many of the basins are quite deep and filled with thousands of feet of alluvium shed from the adjacent ranges. In general, the sediment size decreases to clays with distance from the range.

Groundwater levels vary beneath the project area. Due to extensive faulting within the project area, localized regions with shallow perched groundwater may be present. According to a representative of the California Regional Water Quality Control Board (SWRCB) Lahontan Region, groundwater is encountered at depths of approximately 50 feet to over 400 feet below ground surface (bgs) in the project area. In addition, during storm events, the alluvial groundwater system can be as shallow as 10 feet bgs. Data from the SWRCB GeoTracker system for LUST facilities located in Victorville, Bastow and Baker, indicated that groundwater is generally encountered at 30 to 80 feet bgs. Groundwater levels in the project area are shallower near rivers and streams. In downtown Las Vegas, the USGS Las Vegas Southwest Quadrangle Groundwater Map, dated 1985, indicates depth to groundwater ranging from 10 feet to 30 feet bgs. Along the railroad right-of-way, depth to groundwater is at approximately 20 feet bgs in the city of Las Vegas, Nevada to over 400 feet bgs near Sloan, Nevada. Depth to groundwater and groundwater flow directs can also be influenced by seasonal variations in precipitation and other factors, including local irrigation (golf courses, recreation areas, residences) and groundwater pumping and are, therefore, subject to variation. In general, groundwater flow direction often mimics topography.

3.2. Resources by Segment

The following sections provide a general overview of the resources associated with each segment/alternative based on information obtained from the database search reports, aerial photography, and site reconnaissance.

3.2.1. Segment 1 (Victorville, California, to Barstow, California)

3.2.1.1. Segment 1, Alternative A

Segment 1, Alternative A (Segment 1A), extends northeast from Victorville, California, toward Barstow, California (Figure 2). In general, segment 1A parallels the active BNSF railroad R/W with the exception of the southernmost section that begins west of Interstate 15 (I-15) and extends southward in an arc toward the BNSF R/W. Adjoining properties generally include undeveloped vacant land, commercial properties, agricultural land, highways and secondary roads, the BNSF R/W, and single-family residences. The southernmost portion of this segment includes the proposed locations of a passenger station, a storage facility, and an operations and maintenance facility. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and herbicides along BNSF R/W and other chemicals typical of gasoline station operations and train operations.

3.2.1.2. Segment 1, Alternative B

Segment 1, Alternative B (Segment 1B), extends northeast from Victorville, California, toward Barstow, California (Figure 2). Segment 1B generally parallels the west side of I-15 between an area just north of Victorville to an area just south of Barstow where the proposed rail line bears northward toward the BNSF R/W and intersects with Segment 1A. Adjoining properties along this segment primarily include undeveloped vacant land. A few commercial properties adjoin the segment near the proposed Victorville Station. In addition, the shoulder of I-15, secondary roads, BNSF R/W, and the active Mojave Northern Railroad R/W adjoin the proposed corridor. The southernmost portion of this segment includes the proposed locations of a passenger station, a storage facility, and an operations and maintenance facility. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and herbicides along I-15 and BNSF R/W and other chemicals typical of gasoline station operations and train operations.

3.2.2. Segment 2 (Barstow, California, to Yermo, California)

3.2.2.1. Segment 2, Alternative A

Segment 2, Alternative A (Segment 2A), extends generally west to east from Barstow, California, to Yermo, California (Figure 3). Segment 2A begins approximately 5 miles west of Barstow near the town of Lenwood and heads in a northeasterly direction across the Mojave River. North of Barstow and the Mojave River, the alignment turns to the east and merges with an abandoned/inactive BNSF R/W (tracks removed, ballast remains) for approximately 3 miles. The corridor continues east past the I-15 and 1st Street interchange and eventually merges with the northern shoulder of I-15 at the southern end of the Calico Mountains near Yermo, California. Adjoining properties along segment 2A generally include undeveloped vacant land, commercial properties, agricultural land, highways and secondary roads, BNSF R/W, and single-family residences. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.2.2. Segment 2, Alternative B

Segment 2, Alternative B (Segment 2B), extends west to east from Barstow, California, to Yermo, California (Figure 3). Segment 2B generally parallels the north side of I-15 between an area just west of Barstow near the town of Lenwood to a point at the southern end of the Calico Mountains near Yermo, California. Adjoining properties along segment 2B generally include undeveloped vacant land, the shoulder of I-15, secondary roads, and a few commercial properties. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.3. Segment 3 (Yermo, California, to Mountain Pass, California)

3.2.3.1. Segment 3, Alternative A

Segment 3, Alternative A (Segment 3A), extends southwest to northeast from Yermo, California, to Mountain Pass, California (Figure 4). Segment 3A is aligned entirely within the median of I-15. Adjoining properties along segment 3A include the median of I-15, associated interchanges and gas stations. This segment is aligned southeast of developed areas in the vicinity of Baker and northwest of developed areas in the vicinity of Halloran Springs. The Molycorp mine and landfill are located adjacent to the site at 67750 Bailey Road in Mountain Pass, California. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, mine-tailing waste, and other chemicals typical of gasoline station operations and mining operations.

3.2.3.2. Segment 3, Alternative B

Segment 3, Alternative B (Segment 3B), extends southwest to northeast from Yermo, California, to Mountain Pass, California (Figure 4). Segment 3B is aligned entirely along the north side of I-15, with the exception of a small section near a rest area, where the alignment is diverted around the rest area and then returns to the northern boundary of I-15. Adjoining properties along segment 3B include the northern boundary of I-15, associated interchanges, and gasoline stations. This segment is aligned southeast of developed areas in the vicinity of Baker and northwest of developed areas in the vicinity of Halloran Springs. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.4. Segment 4 (Mountain Pass, California, to Primm, Nevada)

3.2.4.1. Segment 4, Alternative A

Segment 4, Alternative A (Segment 4A), extends southwest to northeast from Mountain Pass, California, toward Primm, Nevada, just east of the California/Nevada border (Figure 5). Segment 4A diverges from the I-15 by swinging east to cross Nipton Road, then rejoins the median of I-15 near Ivanpah Ditch Bridge to a point just west of Primm, Nevada. Adjoining properties along segment 4A include the median of I-15, associated interchanges, and undeveloped vacant land and gasoline stations. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.4.2. Segment 4, Alternative B

Segment 4, Alternative B (Segment 4B), extends southwest to northeast from Mountain Pass, California, to Primm, Nevada, just west of the California/Nevada border (Figure 5). Segment 4B is situated primarily east of I-15 across vacant land in an approximate "S" shape. Two tunnels approximately 5,500 and 1,500 feet in length are proposed for this alternative. The alignment rejoins the northern boundary of I-15 near Ivanpah Ditch Bridge to a point just west of Primm, Nevada. Adjoining properties along segment 4B consist of primarily undeveloped vacant land and gasoline stations. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.5. Segment 5 (Primm, Nevada, to Jean, Nevada)

3.2.5.1. Segment 5, Alternative A

Segment 5, Alternative A (Segment 5A), extends south to north from a point approximately 2,500 feet east of the California/Nevada border near Primm, Nevada,

to a point approximately 1 mile south of the I-15/Sloan intersection (Figure 6). Segment 5A is aligned entirely within the median of I-15, passing through the towns of Jean and Primm that consist of hotels, casinos, restaurants, and gas stations. Adjoining properties along segment 5A include the median of I-15 and associated interchanges. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.5.2. Segment 5, Alternative B

Segment 5, Alternative B (Segment 5B), extends south to north from a point approximately 2,500 feet east of the California/Nevada border near Primm, Nevada, to a point approximately 1 mile south of the I-15/Sloan intersection (Figure 6). Segment 5B is aligned entirely along the eastern boundary of I-15, passing through the towns of Jean and Primm that consist of hotels, casinos, restaurants, and gas stations. Adjoining properties along segment 5B include the boundary of I-15, associated interchanges, and undeveloped vacant land. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons and other chemicals typical of gasoline station operations.

3.2.6. Segment 6 (Jean, Nevada, to I-15/Twain Avenue, Las Vegas, Nevada)

3.2.6.1. Segment 6, Alternative A

Segment 6, Alternative A (Segment 6A), extends south to north from a point approximately 1 mile south of the I-15/Sloan intersection to the intersection of I-15 and Twain Ave in Las Vegas, Nevada (Figure 7). The Segment 6A then diverges to the west along Twain Avenue to the proposed passenger station at the Rio. Segment 6A is aligned entirely within the median of I-15. Adjoining properties along segment 6A include the median of I-15, associated interchanges, secondary roads, commercial and industrial properties, and Union Pacific railroad (UPRR) tracks. Current significant uses of hazardous material include, but may not be limited to,

petroleum hydrocarbons, solvents, and other chemicals typical to light industrial operations and train operations.

3.2.6.2. Segment 6, Alternative B

Segment 6, Alternative B (Segment 6B), extends south to north from a point approximately 1 mile south of the I-15/Sloan intersection to the intersection of I-15 and Twain Ave in Las Vegas, Nevada (Figure 7). The Segment 6B then diverges to the west along Twain Avenue to the proposed passenger station at the Rio. Segment 6B is aligned along the western boundary of I-15. Adjoining properties along segment 6B include the median of I-15, associated interchanges, secondary roads, commercial and industrial properties, and UPRR tracks. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, and other chemicals typical to light industrial operations and train operations.

3.2.6.3. Segment 6, Alternative C

Segment 6, Alternative C (Segment 6C), extends west to east from Jean, Nevada, to Las Vegas, Nevada (Figure 7). Segment 6C diverges north from I-15 near Sloan Road and adjoins the west side of the UPRR corridor to the intersection of I-15 and Twain Ave. The Segment 6C then diverges to the west along Twain Avenue to the proposed passenger station at the Rio. Adjoining properties along segment 6C include I-15, secondary roads, UPRR, and commercial and industrial properties. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, herbicides, and other chemicals typical to light industrial operations and train operations.

3.2.6.4. Segment 6, Alternative D

Segment 6, Alternative D (Segment 6D), extends west to east from Jean, Nevada, to Las Vegas, Nevada (Figure 7). Segment 6D diverges north from I-15 near Sloan

Road and adjoins the east side of the UPRR corridor to the intersection of I-15 and Twain Ave. The Segment 6D then diverges to the west along Twain Avenue to the proposed passenger station at the Rio. Adjoining properties along segment 6D include I-15, secondary roads, UPRR, and commercial and industrial properties. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, herbicides and other chemicals typical to light industrial operations and train operations.

3.2.7. Segment 7 (I-15/Twain Avenue, Las Vegas, Nevada, to North Las Vegas, Nevada)

3.2.7.1. Segment 7, Alternative A

Segment 7, Alternative A (Segment 7A), extends south to north from the intersection of I-15 and Twain Avenue to a point just north of the West Wyoming Avenue were it diverges east and adjoins the east side of the UPRR corridor and extends north to the proposed passenger station between East Charleston Boulevard and East Bonneville Avenue (Figure 8). Before diverging from the I-15, Segment 7A is aligned entirely within the median of I-15. Adjoining properties along segment 7A include the median of I-15, associated interchanges, secondary roads, commercial and industrial properties, and UPRR tracks. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, and other chemicals typical to light industrial operations and train operations.

3.2.7.2. Segment 7, Alternative B

Segment 7, Alternative B (Segment 7B), extends south to north from the intersection of I-15 and Twain Avenue to a point just north of the West Wyoming Avenue were it diverges east and adjoins the west side of the UPRR corridor and extends north to the proposed passenger station between East Charleston Boulevard and

East Bonneville Avenue (Figure 8). Before diverging from the I-15, Segment 7B is aligned along the western boundary of I-15. Adjoining properties along segment 7B include the median of I-15, associated interchanges, secondary roads, commercial and industrial properties, and UPRR tracks. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, and other chemicals typical to light industrial operations and train operations.

3.2.7.3. Segment 7, Alternative C

Segment 7, Alternative C (Segment 7C), extends south to north from the intersection of the I-15 and Twain Avenue to north Las Vegas, Nevada (Figure 7). Segment 7C adjoins the west side of the UPRR corridor to the proposed passenger station between East Charleston Boulevard and East Bonneville Avenue. Adjoining properties along segment 7C include I-15, secondary roads, UPRR, and commercial and industrial properties. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, herbicides, and other chemicals typical to light industrial operations and train operations.

3.2.7.4. Segment 7, Alternative D

Segment 7, Alternative D (Segment 7D), south to north from the intersection of the I-15 and Twain Avenue to north Las Vegas, Nevada (Figure 8). Segment 7D adjoins the east side of the UPRR corridor to the proposed passenger station between East Charleston Boulevard and East Bonneville Avenue. Adjoining properties along segment 7D include I-15, secondary roads, UPRR, and commercial and industrial properties. Current significant uses of hazardous material include, but may not be limited to, petroleum hydrocarbons, solvents, herbicides and other chemicals typical to light industrial operations and train operations.

4. ENVIRONMENTAL CONSEQUENCES

4.1. Regional Effects

4.1.1. Operational Period

Operational activities for the Desert Xpress will include such activities as train operations, track maintenance, and equipment maintenance. The operational impacts of these activities are confined to the rail R/W, stations, and maintenance yards. As such, no regional effect due to use and storage of hazardous materials is foreseen. Therefore, the potential for significant operational impacts related to hazardous materials is low.

4.1.2. Construction Period

Construction of the Desert Xpress may require the removal of buildings, structures, and paving materials to accommodate new construction. Due to the older age of some buildings along the proposed rail corridor, demolition activities may encounter lead-based paint (LBP) and asbestos-containing building materials (ACMs). These materials would have to be transported to a proper disposal facility. The need to transport these hazardous materials on regional public R/W creates a potentially significant risk of exposing the public and/or the environment to hazardous materials.

4.2. Effects by Segment

The following sections provide a general overview of our findings for the respective segment/alternative based on information obtained from the database search reports, aerial photography, and site reconnaissance. Throughout the remainder of the text, discussion of specific properties of concern will be accompanied by a property identification number in the following format: (1A-3). This notation would indicate, for example, that the property of concern is the third property of concern noted in Segment 1, Alternative A. These specific properties identification numbers appear throughout the text and tables, including Table 4 that summarizes information for each of the properties of concern. Figures 2 through 7 show the segment alignments and are associated with detail maps (Figures 2a through 7k) that show the individual properties of concern.

4.2.1. Segment 1 (Victorville, California, to Barstow, California)

Operational Period

4.2.1.1. Segment 1, Alternative A

Proposed facilities for Segment 1A include one station and one maintenance facility. We do not anticipate the use or storage of significant quantities of hazardous materials at the station. Therefore, the potential for significant operational impacts at the station related to hazardous materials is low.

Activities at the maintenance facility will likely require the use of numerous chemicals such as lubricants, solvents, fuels, and compressed flammable gasses. It is assumed that the majority of chemicals would be stored above ground, although some may be stored in underground storage tanks. Equipment such as paint booths, sumps, clarifiers, and wastewater treatment units may also be used at the maintenance facility. Operational activities, such as vehicle maintenance, present the potential for future releases of hazardous materials. The maintenance facility could expose the public and/or the environment to hazardous materials and would be considered a potentially significant impact.

4.2.1.2. Segment 1, Alternative B

Proposed facilities for Segment 1B include one station and one maintenance facility. We do not anticipate the use or storage of significant quantities of hazardous materials at the station. Therefore, the potential for significant operational impacts at the station related to hazardous materials is low.

Activities at the maintenance facility will likely require the use of numerous chemicals such as lubricants, solvents, fuels, and compressed flammable gasses. It is assumed that the majority of chemicals would be stored above ground, although some may be stored in underground storage tanks. Equipment such as paint booths, sumps, clarifiers, and wastewater treatment units may also be used at the mainte-

nance facility. Operational activities, such as vehicle maintenance, present the potential for future releases of hazardous materials. The maintenance facility could expose the public and/or the environment to hazardous materials and would be considered a potentially significant impact.

Construction Period

4.2.1.3. Segment 1, Alternative A

Environmental Database Review

A review of federal and state database listing for Segment 1, Alternative A, identified one facility on the Comprehensive Environmental Response, Compensation and Liability Act – No Further Remedial Action Planned (CERCLIS NFRAP) database, one facility on the Resource Conservation and the Recovery Act (RCRA) Generator database, one facilities listed on the LUST database, one facility listing on the Cal Sites database, two facility listings on the Solid Waste Landfills (SWL) database, and 12 facility listings on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

The CERCLIS NFRAP database contains properties which have been removed from the EPA's CERCLIS databases. NFRAP sites may be facilities where following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the National Priorities Lists (NPL), or the contamination was not serious enough to require federal superfund action or NPL consideration. The Riverside Cement Company (1A-3) at 19409 National Trails Highway in Oro Grande, California, a mine and cement manufacturing facility since 1895, was listed on the CERCLIS database. Groundwater beneath the facility has reportedly been contaminated with chromium and volatile organic compounds (VOCs) from on-site activities. Corrective measures to address the release were undertaken in 1998 and 1999. A remedial investigation of

the facility was completed by the RWQCB in 1989 resulting in a transfer to the EPA as the lead agency for the facility. Based on the distance to the site, the regulatory status, and the type of expected releases, this facility is considered an environmental concern to the site. The Riverside Cement Company appears on several other lists described in the following paragraphs.

The RCRA Generator database identifies facilities that generate hazardous waste as defined by RCRA. Inclusion on these lists is for permitting purposes and is not indicative of a release. The Riverside Cement Company (1A-3) at 19409 National Trails Highway in Oro Grande, California, was listed on the RCRA Generator list. According to FirstSearch™, the property was listed due to cement and adhesive manufacturing with no violations reported. This site is not considered a significant environmental concern to the site based on the RCRA listing alone.

The Cal Sites database is provided by the Department of Toxic Substances Control (DTSC) and includes potential or confirmed hazardous substance release properties. In 1996, the California EPA (Cal-EPA) reevaluated and significantly reduced the number of sites in the Cal Sites Database. The Riverside Cement Company (1A-3) at 19409 National Trails Highway in Oro Grande, California, was listed on the Cal Sites list. According to FirstSearch™, the property was listed due to a protracted list from 1973 to 1989 that briefly describes inspections from the RWQCB. The EPA became the lead agency in 1989. No further action (NFA) status was granted from DTSC in April 1995; the EPA became the lead agency in August 1995

The Solid Waste Landfill (SWLF) database consists of open and closed solid waste disposal facilities and transfer stations. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database. The Riverside Cement Company (1A-3) at 19409 National Trails Highway in Oro Grande, California, was listed on the SWLF list. According to FirstSearch™, the property was listed due to their active status as a major waste tire facility. The Riverside Cement Company (1A-3) is listed as the land owner in the non-geocoded sites un-

der multiple names including: Sheerer Quarry Ind. Waste 2, Sheerer Quarry Ind. Waste 1, Sheerer Quarry 3, Oro Grande Waste Dump No. 1, Oro Grande Waste Dump No. 2, Oro Grande Sparkuhle 2, Oro Grande Sparkuhle 3, Oro Grande Mack South Peak, Oro Grande Landfill (2 listings), Oro Grande Kiln Waste Dust Dump (2 listings), and Oro Grande Canyon Quarry.

The LUST information system is obtained from the State Water Resources Control Board (SWRCB) and the RWQCB. Two LUST sites were listed in the First-Search™ database. The Riverside Cement Company (1A-3) at 19409 National Trails Highway in Oro Grande, California, and Oro Grande Petroleum Company (1A-1) at 18980 National Trails Highway in Oro Grande, California, were listed on the LUST list. According to FirstSearch™, both properties have received case closure from regulatory agencies in 2000 and 1999, respectively. These facilities are considered an environmental concern to the site based on the LUST listing and their immediate proximity to the site.

The UST and AST databases are provided by the SWRCB. Inclusion on these lists is for permitting purposes and is not indicative of a release. Twelve UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. These facilities are not considered environmental concerns to the site based on the UST listings alone.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photograph for Segment 1A:

Table 1 – Aerial Photographs, Segment 1, Alternative A

Aerial Photograph Date	Victorville to Barstow
1955	Aerial photography for Segment 1A was available from the vicinity of the Stoddard Road and I-15 intersection and again in the Barstow area. Photographs for much of the rural area between these areas were unavailable. Multiple structures and silos were visible at the Riverside Cement Company (1A-3). The remainder of the site and site vicinity was dominantly undeveloped land with some agricultural and residential uses near the Mojave River and National Trails Highway.
1969	The Riverside Cement Company (1A-3) appears to have expanded operations to include surface mining of areas east of National Trails Highway.
1978-2006	The site and site vicinity appeared generally the same as it did during our site reconnaissance.

The review of aerial photographs did not reveal the presence of significant environmental concerns other than the Riverside Cement Company (1A-3).

Site Reconnaissance

The site reconnaissance revealed that properties adjoining this segment are generally undeveloped. Adjoining properties that were developed included The Riverside Cement Company, agricultural properties including diary farms, gasoline stations, retail stores, and residences. One abandoned gas station (the former Mohawk

Mini-Mart [1A-2]) was observed at 19324 National Trails Highway, Oro Grande, California.

Table 3 summarizes those properties that have been classified as High or Moderate with regard to their potential to cause exposure to significant soil or groundwater contamination for Segment 1A.

4.2.1.4. Segment 1, Alternative B

Environmental Database Review

A review of federal and state database listing for Segment 1B indicated that three facilities are listed on the ERNS database (Table 1).

The ERNS database lists emergency response actions and is provided by the EPA and National Response Center. In December 1993, approximately 100 gallons of diesel fuel was released from a truck's fuel line along the northbound I-15 at the Midway rest ramp near milepost 107 in Barstow (same incident listed again in non-geocoded list). In January 1997, approximately 192 pounds of hydrochloric acid was spilled from a semi-trailer along the I-15, south of Wild Wash Road. Based on lack of indicated remediation, these releases are assumed to have been cleaned up during the initial emergency response and are not considered environmental concerns to the site. The remaining listings involved minor spills (less than 55 gallons), and specific details may be found in Appendix A. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered an environmental concern to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 1B:

Table 2 – Aerial Photographs, Segment 1, Alternative B

Aerial Photograph Date	Victorville to Barstow
1955	Aerial photography Segment 1B was available from the vicinity of the Stoddard Road and I-15 intersection and again in the Barstow area. Photographs for much of the rural area between these areas were un-available. The remainder of the site and site vicinity was dominantly undeveloped land with some agricultural and residential uses.
1969	Same as previous, increasing number of residences.
1978-2006	The site and site vicinity appeared generally the same as it did during our site reconnaissance.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

No evidence of releases or environmental concerns was noted within Segment 1B. The site reconnaissance revealed that properties adjoining this segment are generally undeveloped with the exception of the boundary of I-15 and a few commercial properties at the southern end of the alignment. No properties of environmental concern to the site were noted during the site reconnaissance.

4.2.2. Segment 2 (Barstow, California, to Yermo, California)

Segment 2, Alternative A, and Segment 2, Alternative B, parallel each other along the I-15 and diverge from one another only slightly near the city of Yermo. Based on the proximity to one another, the review for the two alternatives was combined.

4.2.2.1. Operational Period

There are no proposed facilities for Segment 2, Alternatives A and B. Based on the lack of facilities in Segment 2, the potential for significant operational impacts related to hazardous materials is low.

4.2.2.2. Construction Period

Environmental Database Review

A review of federal and state database listing for Segment 2, Alternatives A and B, indicated that one facility is listed on the LUST database and six facilities are listed on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

The LUST facility listed in the FirstSearch™ database is the Calico Truck Stop (2B-1) at 37587 Calico Boulevard in Yermo, California. According to FirstSearch™, a leak from a diesel UST was discovered during a tank closure in 1990. A preliminary site assessment is currently underway at this facility. This facility is considered an environmental concern to the site based on its adjacent location and the ongoing remediation.

Of the six UST facilities listed in the FirstSearch™ database, five were located beyond the boundaries of this investigation and are not considered an environmental concern to the site. The one remaining UST property that is adjacent to the site is listed as the Circle C Mini Mart at I-15 and Ghost Town Road in Yermo, California.

This property is not listed on the LUST database and is not considered an environmental concern to the site based on the UST listing only.

One of the non-geocoded properties was determined to be potentially adjacent to the site. Fort Irwin Road Disposal (2A-3) is listed in the NFRAP database. According to FirstSearch™, this property was issued a "No Further Remedial Action Planned" by the EPA Region 9 in 1988. This property is considered a potential environmental concern to the site as the proximity to the site is not known.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 2:

Table 3 – Aerial Photographs, Segment 2, Alternatives A and B

Aerial Photograph Date	Barstow to Yermo
1955	One aerial photograph for Segment 2A was available from an area just north of Barstow. I-15 was not yet existent at the time of the photograph. Properties adjoining the site were mostly undeveloped with some agricultural and residential uses.
1969	I-15 and an increase in residential and agricultural properties were apparent.
1978-2006	The site and site vicinity appeared generally the same as it did during our site reconnaissance.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

A groundwater monitoring well was noted in an empty lot located southeast of the Old CA-58 Highway and Community Boulevard intersection (2A-1), northwest of Barstow. The specific purpose of this monitoring well is unknown as it is not listed on the GeoTracker™ website or the FirstSearch™ report. Active and inactive gasoline stations were noted in the site vicinity; however, most of these stations were over 200 feet away from the proposed alignment and are not considered environmental concern to the site. Three inactive gasoline stations were noted adjacent to the site (2A-2, 2A-4, and 2B-2) (Table 3). These stations are considered potential environmental concerns to the site. No other properties within Segment 2, Alternatives A and B, of environmental concern to the site were noted during the site reconnaissance.

4.2.3. Segment 3 (Yermo, California, to Mountain Pass, California)

Segment 3, Alternative A, and Segment 3, Alternative B, parallel each other along the I-15 (Alternative A follows the median and Alternative B is located along the northern R/W for the I-15). Based on the proximity of the two alternatives, the review for the two alternatives was combined.

4.2.3.1. Operational Period

There are no proposed facilities for Segment 3, Alternatives A and B. Based on the lack of facilities in Segment 3, the potential for significant operational impacts related to hazardous materials is low.

4.2.3.2. Construction Period

Environmental Database Review

A review of federal and state database listings for Segment 3 indicated that one facility is listed on the RCRA Generator database, one facility is listed on the ERNS database, and four facilities are listed on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

The property listed on the RCRA Generator database according to FirstSearch™ is the Caltrans Mountain Pass Maintenance Station at I-15 and Bailey Road in Mountain Pass, California. There is no indication of a release associated with this listing. Based on the information provided, this property is not considered an environmental concern.

One facility was listed on the ERNS database with an address for Molycorp mine and landfill (3A-2) at 67750 Bailey Road in Mountain Pass. The emergency response was for a 5,000-gallon spill of ammonium chloride/nitrates in 1993, which was reportedly cleaned by Molycorp. A second incident is listed for Molycorp mine and landfill (3A-2) without an address in which 2,000 gallons of tailings water seeped from their tailings dam in 1995. In August 1994, approximately 180 gallons of diesel was released from a ruptured fuel tank on a semi-truck along the northbound I-15, approximately 5 miles south of Halloran Springs. In October 1994, approximately 85 gallons of diesel fuel was released from a truck's damaged fuel tank along the northbound I-15 north of the East Baker Boulevard off ramp in Baker. The remaining listings involved minor spills (less than 55 gallons), and specific details may be found in Appendix A. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered an environmental concern to the site.

Two facilities were listed on the SWLF database. According to FirstSearch™, Paso Alto Towing Garage, located at 34862 Baldwin Road in Barstow and greater than 5,000 feet south of the site, is a minor waste tire facility. This facility is not actually a landfill but is a solid waste transfer facility. This facility is not considered an environmental concern to the site. Molycorp mine and landfill (3A-2) at 67750 Bailey Road in Mountain Pass is listed twice on the SWLF database. Both listings indicate the facility as a solid waste disposal property with closure dates of December 1, 1987, and December 1, 1991. No violations were noted for this facility. However, in 1997, the LRWQCB issued Cleanup and Abatement Order No. 6-97-6A1 for seven separate spills that occurred between July 24, 1996, and August 3, 1996, from a wastewater pipeline that ran between the Molycorp mine and landfill in Mountain Pass and Ivanpah Dry Lake. The pipeline exited the mine and ran parallel to I-15 for approximately 17 miles until it reached the dry lake bed. The cleanup efforts were completed in the fall of 2000. Currently, plans are on-going for the removal of the wastewater pipeline. The facility is still operational and is currently regulated by the LRWQCB for several onsite ponds and discharge streams. Based on the adjacent location to the site and based on regulatory status of this site, this facility is considered an environmental concern to the site.

Two LUST properties were listed in the FirstSearch™ database. According to FirstSearch™, the former XCEL Station located at 72307 Baker Boulevard in Baker experienced an unauthorized release of gasoline and the status is currently listed as "preliminary site assessment work plan submission." A Caltrans Baker Maintenance Facility located at an unlisted address on Baker Boulevard in Baker experienced an unauthorized release of diesel fuel. The status is currently listed as "closed" as of August 1994. As the facilities are not adjacent to the site, it is unlikely that these facilities would pose an environmental concern to the site.

Each of the UST sites listed in the FirstSearch™ database was determined to extend beyond the boundaries of this investigation and are not considered an environmental concern to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 3:

Table 4 – Aerial Photographs, Segment 3, Alternatives A and B

Aerial Photograph Date	Yermo to Mountain Pass
1950-1999	Resolution in these photos was poor. As expected, evidence of significant development was not apparent.
2006	Primarily undeveloped land with the exception of I-15, an urbanized area in and around Baker, and infrequent overpasses and interchanges.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

Segment 3, Alternatives A and B, are aligned entirely within the median of I-15 and along the north side of I-15, respectively. Active and inactive gasoline stations were noted in the site vicinity; however, most of these stations were over 200 feet away from the proposed alignment and are not considered environmental concerns to the site. One abandoned gas station (3A-1) was observed at Sunrise Canyon Road in Yermo, California. Based on the lack of information regarding the closure of this station and its location adjacent to the site, this facility is considered a potential environmental concern to the site. No other properties of environmental concern to

the site were noted during the site reconnaissance, with the possible exception of the Molycorp mine and landfill.

4.2.4. Segment 4 (Mountain Pass, California, to Primm, Nevada)

Segment 4, Alternative A, and Segment 4, Alternative B, parallel each other along the I-15 (Alternative A follows the median, and Alternative B is located along the northern R/W for the I-15). Based on the proximity of the two alternatives, the review for the two alternatives was combined.

4.2.4.1. Operational Period

There are no proposed facilities for Segment 4, Alternatives A and B. Based on the lack of facilities in Segment 4, the potential for significant operational impacts related to hazardous materials is low.

4.2.4.2. Construction Period

Environmental Database Review

A review of federal and state database listings for Segment 4 indicated that two facilities are listed on the SWLF (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

Two sites were listed on the SWLF database. Both sites were located well beyond the extent of the site. Based on the distance from these facilities to the site, these facilities are not considered environmental concerns to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 4:

Table 5 – Aerial Photographs, Segment 4, Alternatives A and B

Aerial Photograph Date	Yermo to Mountain Pass
1950-1999	Resolution in these photos was poor. As expected, evidence of significant development was not apparent.
2006	Primarily undeveloped land with the exception of I-15 and infrequent overpasses and interchanges.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

Adjoining properties along Segment 4, Alternative A, include the median of I-15, associated interchanges, and undeveloped vacant land. One property of environmental concern was noted adjacent to Segment 4, Alternative A. An abandoned building, possibly a former gas station, is located adjacent to the site at Yates Well Road (4A-1) in Nipton, California. Adjoining properties along Segment 4, Alternative B, are primarily undeveloped vacant land. No other properties of environmental concern to the site were noted during the site reconnaissance.

4.2.5. Segment 5 (Primm, Nevada, to Jean, Nevada)

Segment 5, Alternative A, and Segment 5, Alternative B, parallel each other along the I-15 (Alternative A follows the median, and Alternative B is located along the northern R/W for the I-15). Based on the proximity of the two alternatives, the review for the two alternatives was combined

4.2.5.1. Operational Period

There are no proposed facilities for Segment 5, Alternatives A and B. Based on the lack of facilities in Segment 5, the potential for significant operational impacts related to hazardous materials is low.

4.2.5.2. Construction Period

Environmental Database Review

A review of federal and state database listing for Segment 5 indicated that two facilities are listed on the ERNS database, and five facilities are listed on the UST database (Table 1).

Two sites were listed on the ERNS database with addresses for Whiskey Pete's Texaco at Stateline and I-15 in Primm, Nevada. The emergency response was for a failed pressure line test and inventory discrepancy for a UST. No date, clean-up, status, or LUST reference was noted for this incident. The second listing is for Gold Strike Casino Mobil at exit 12 in Jean, Nevada. The emergency response was for approximately 20 gallons of diesel fuel dumped by a customer behind the station. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered environmental concerns to the site.

The UST and AST databases are provided by the SWRCB. Inclusion on these lists is for permitting purposes and is not indicative of a release. Five UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. These facilities are not listed on the LUST database and are not considered environmental concerns to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 5:

Table 6 – Aerial Photographs, Segment 5, Alternatives A and B

Aerial Photograph Date	Primm to Jean
1950-1999	Resolution in these photos was poor. As expected evidence of significant development was not apparent.
2006	Primarily undeveloped land with the exception of I-15, urbanized areas in and around Primm and Jean, and infrequent overpasses and interchanges.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

No evidence of releases or environmental concerns was noted within Segment 5. Adjoining properties along Segment 5, Alternative A, include the median of I-15, associated interchanges, and undeveloped vacant land. Adjoining properties along Segment 5, Alternative B, are primarily undeveloped vacant land. Active and inactive gasoline stations were noted in the site vicinity; however, most of these stations were over 200 feet away from the proposed alignment and are not considered environmental concerns to the site. No other properties of environmental concern to the site were noted during the site reconnaissance.

4.2.6. Segment 6 (Jean, Nevada, to Las Vegas, Nevada)

Segment 6, Alternative A, and Segment 6, Alternative B, parallel each other along the I-15 (Alternative A follows the median, and Alternative B is located along the northern

R/W for the I-15). Based on the proximity of the two alternatives, the review for the two alternatives was combined. Segment 6, Alternative C, and Segment 6, Alternative D, parallel each other along the BNSF railroad R/W. Based on the proximity of the two alternatives, the review for the two alternatives was combined

Operational Period

4.2.6.1. Segment 6, Alternatives A and B

Proposed facilities for Segment 6, Alternatives A and B, include two stations. Based on our understanding of these proposed facilities, we do not anticipate the use or storage of significant quantities of hazardous materials at these facilities. Therefore, the potential for significant operational impacts related to hazardous materials is low.

4.2.6.2. Segment 6, Alternatives C and D

Proposed facilities for Segment 6, Alternatives C and D, include two stations and one maintenance facility. Based on our understanding of these proposed stations, we do not anticipate the use or storage of significant quantities of hazardous materials at this facility. Therefore, the potential for significant operational impacts at the stations related to hazardous materials is low.

The maintenance facility, however, would require the use of numerous chemicals, such as lubricants, solvents, fuels, and compressed flammable gasses. It is assumed that most of the chemicals would be stored aboveground, although some may be stored in USTs. Equipment, such as paint booths, sumps, clarifiers, and wastewater treatment units, may also be used at the maintenance facility. Operational activities, such as vehicle maintenance, present the potential for future releases of hazardous materials. Overall, the maintenance facility could expose the public and/or the environment to hazardous materials and would be considered a potentially significant impact.

Construction Period

4.2.6.3. Segment 6, Alternatives A and B

Environmental Database Review

A review of federal and state database listings for Segment 6, Alternatives A and B, identified two facilities on the CERCLIS NFRAP database, 21 facilities on the RCRA Generator database, 33 facilities ERNS database, 28 facilities on the Nevada site (STATE) database, 18 facilities on the LUST, and 40 facility listings on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

The CERCLIS NFRAP database contains properties which have been removed from the EPA's CERCLIS databases. NFRAP sites may be facilities where following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal superfund action or NPL consideration.

Commercial Drapery Cleaners (6C-9a) (due to the close proximity of Alternatives A and B to Alternatives C and D near this and the following property, 6C-9 was chosen to identify these properties) and at 3580 South Polaris Avenue in Las Vegas, Nevada, and Rocky Mountain Bank Note Company (6C-9b) at 3815 South Highland in Las Vegas, Nevada, were listed on the NFRAP database. Both addresses are part of a redevelopment area, and the site addresses no longer exist. No information regarding the cases was provided. Based on the adjacent location, the regulatory status, and/or the type of expected releases, these facilities are considered potential environmental concerns to the site.

The RCRA Generator database identifies facilities that generate hazardous waste as defined by RCRA. Inclusion on these lists is for permitting purposes and is not indicative of a release. Based only on the information provided, these sites are not considered an environmental concern.

Thirty three sites were listed on the ERNS database. The listings involved minor spills (less than 55 gallons); specific details may be found in Appendix A. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered environmental concerns to the site.

The STATE database is provided by the Bureau of Corrective Actions and includes potential or confirmed hazardous substance release properties. Twenty-eight STATE sites were listed in the FirstSearch™ database. Action Machine and Parts (6A-3) at 5115 South Industrial Road in Las Vegas, Nevada, is adjacent to the site. According to FirstSearch™, the property was listed for an unknown release to groundwater. Closure was granted for the case in 1992. Based its immediate proximity to the site and STATE's database listing, this facility is considered a potential environmental concern to the site. Of the remaining STATE sites, three remain active. Based on these facilities non-adjacent locations, the regulatory status, and/or the type of expected releases, these facilities are not considered environmental concerns to the site.

The LUST information system is maintained by the Nevada Division of Environmental Protection. Eighteen LUST sites were listed in the FirstSearch™ database. Three of the LUST cases are adjacent to the site. The Chevron Station (6A-4) at 3201 West Tropicana Ave in Las Vegas, Nevada, was listed on the LUST database. The station experienced an unauthorized release of gasoline and the status is currently listed as "Quarterly Report." McCandless International Trucks (6A-5) at 4838 South Industrial Road in Las Vegas, Nevada, and ANR Freight System (6A-6) at 4471 South Industrial Road in Las Vegas, Nevada, are also listed on the LUST

database. Both addresses are part of a redevelopment area, and the site addresses no longer exist. Both properties have received case closure from regulatory agencies in 1993 and 1992, respectively. These facilities are considered environmental concerns to the site based on their LUST listing and immediate proximity to the site. Of the remaining LUST database listings, only one remains active. Based on the facilities non-adjacent location, the regulatory status, and/or the type of expected releases, this facility is not considered an environmental concern to the site.

The UST and AST databases are provided by the EPA Region 9. Inclusion on these lists is for permitting purposes and is not indicative of a release. Forty UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. Except for the previously noted LUST sites, the remaining UST facilities are not listed on the LUST database and are not considered environmental concerns to the site based on the UST listings only.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 6, Alternative A and B:

Table 7 – Aerial Photographs, Segment 6, Alternatives A and B

Aerial Photograph Date	Jean to Las Vegas
1968	Properties adjoining the site were mostly undeveloped with some agricultural and residential uses. Limited commercial development is observed in the northern portion of Las Vegas, Nevada
1976	Increases in commercial, residential, and agricultural properties were apparent, particularly in the metro Las Vegas

	area.
1986	Increases in commercial, residential, and agricultural properties were apparent, particularly in the metro Las Vegas area.
1999	The site and site vicinity appeared generally the same as it did during our site reconnaissance.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

Adjoining properties along Segment 6, Alternative A, include the median of I-15, associated interchanges, undeveloped vacant land, and commercial development adjacent to the I-15. Adjoining properties along Segment 6, Alternative B, are primarily commercial and light industrial development. Active and inactive gasoline stations were noted in the site vicinity; however, most of these stations were over 200 feet away from the proposed alignment and are not considered environmental concerns to the site. Several properties of environmental concern to the site were noted during the site reconnaissance. Xplex Las Vegas (6A-1), a high-speed go-cart track, located at 15000 Las Vegas Boulevard, Las Vegas, Nevada, is a potential property of environmental concern due to the heavy surface staining that was observed throughout property. An unidentified AST was observed at 11978 Industrial Road, Las Vegas, Nevada (6A-2). An abandoned gas station was observed at 3715 Industrial Road, Las Vegas, Nevada (6A-7). A fenced area with a monitoring well and drums was observed just south of the Sahara Rancho Office Complex on South Rancho Drive, Las Vegas, Nevada (6A-8). As these properties are adjacent to Segment 6, Alternatives A and B, and the current status of each facility is un-

known, these properties are considered potential environmental concerns for the site. Further information regarding these properties is presented in Table 3.

4.2.6.4. Segment 6, Alternatives C and D

Environmental Database Review

A review of federal and state database listing for Segment 6, Alternatives C and D, identified two facilities on the CERCLIS NFRAP database, 22 facilities on the RCRA Generator database, 34 facilities on the ERNS database, 24 facilities on the STATE database, 14 facilities on the LUST, and 37 facility listings on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

The CERCLIS NFRAP database contains properties which have been removed from the EPA's CERCLIS databases. NFRAP sites may be facilities where following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal superfund action or NPL consideration.

Commercial Drapery Cleaners (6C-9a) at 3580 South Polaris Avenue in Las Vegas, Nevada, and Rocky Mountain Bank Note Company (6C-9b) at 3815 South Highland in Las Vegas, Nevada, were listed on the NFRAP database. Both properties are part of a redevelopment area where the site addresses no longer exist. No information regarding the case was provided. Based on the distance, the regulatory status, and/or the type of expected releases, these facilities are considered potential environmental concerns to the site.

The RCRA Generator database identifies facilities that generate hazardous waste as defined by RCRA. Inclusion on these lists is for permitting purposes and is not in-

dicative of a release. Based on the information provided, these facilities are not considered environmental concerns to the site.

Thirty-four sites were listed on the ERNS database. The listings involved minor spills (less than 55 gallons), and specific details may be found in Appendix A. Based on the distance, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered environmental concerns to the site.

The STATE database is provided by the Bureau of Corrective Actions and includes potential or confirmed hazardous substance release properties. Twenty-four STATE sites were listed in the FirstSearch™ database. Ergon Asphalt Products (6C-2) (also known as "Copper State Emulsions," "Golden Bear Oil Specialties," and "Whitco Arden Plant") at 6400 West Richmar Avenue in Enterprise, Nevada, is adjacent to the site. According to FirstSearch™, the property has four STATE site listings for four separate incidents of unauthorized release of emulsifiers to soil. Case closures were issued for the four cases by the regulatory agency. Clark County Department of Aviation (6C-4) at 7227 Hauck Street in Las Vegas, Nevada, is adjacent to the site. The property was listed for an unknown release to soil. The status of the case is unknown. Tropicana Detention Basin (6C-5) at the intersection of Arville Street and Oquendo Street in Las Vegas, Nevada, is adjacent to the site. The property is listed for a heavy metals release to soil. A case closure was issued by the regulatory agency in 1999. United Rentals (6C-7) at 4410 South Valley View Boulevard in Las Vegas, Nevada, is adjacent to the site. The property is listed for a release of motor oil to soil. A case closure was issued by the regulatory agency in 2004. ACE Fire Systems (6C-136) at 2620 Western Avenue in Las Vegas, Nevada, is adjacent to the site. The property is listed for a release of solvents to groundwater. A case closure was issued by the regulatory agency in 2002. These facilities are considered potential environmental concerns to the site based on the STATE sites listing and their immediate proximity to the site. Of the re-

maining STATE sites, four remain active. Based on their non-adjacent location, the regulatory status, and/or the type of expected releases, these facilities are not considered environmental concerns to the site.

The LUST information system is maintained by the Nevada Division of Environmental Protection. Eighteen LUST sites were listed in the FirstSearch™ database. Six of the LUST cases are adjacent to the site: Mayflower Moving & Storage (6C-6) at 4725 South Valley View in Las Vegas, Nevada, J.W. Costello Beverage Company (6C-8) at 4370 South Valley View in Las Vegas, Nevada, Seven Up Bottling Company (6C-10) at 3816 Cinder Lane in Las Vegas, Nevada, Shetakis Wholesaler, Inc. (6C-11), at 3400 Western Avenue in Las Vegas, Nevada, Bat Rentals (6C-12) at 2771 South Industrial Road, Las Vegas, Nevada, and ACE Truck Rental (6C-14) at 2135 Western Avenue in Las Vegas, Nevada. The properties have received case closure from the regulatory agencies in 1991, 1994, 1992, 1994, 1997, and 1995, respectively. These facilities are considered environmental concerns to the site based on their LUST listing and immediate proximity to the site. Based on their non-adjacent location, the regulatory status, and/or the type of expected releases, the remaining facilities listed on the LUST database are not considered an environmental concern to the site.

The UST and AST databases are provided by the EPA Region 9. Inclusion on these lists is for permitting purposes and is not indicative of a release. Thirty-seven UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered environmental concerns to the site if they are listed on the LUST database. These facilities are not listed on the LUST database and are not considered environmental concerns to the site based on the UST listings only.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 6, Alternatives C and D:

Table 8 – Aerial Photographs, Segment 6, Alternatives C and D

Aerial Photograph Date	Jean to Las Vegas
1968	Properties adjoining the site were mostly undeveloped with some agricultural and residential uses. Limited commercial development is present in north Las Vegas, Nevada.
1976	Increased in commercial, residential and agricultural properties were apparent, particularly in the metro Las Vegas area.
1986	Increased in commercial, residential and agricultural properties were apparent, particularly in the metro Las Vegas area.
1999	The site and site vicinity appeared generally the same as it did during our site reconnaissance.

A waste pond was observed at the Las Vegas Paving Corporation (6C-3) in several of the reviewed aerial photographs. Review of the aerial photos did not reveal additional evidence of significant environmental concerns to the site.

Site Reconnaissance

Adjoining properties along Segment 6, Alternatives C and D, include the railroad R/W, associated interchanges, undeveloped vacant land, commercial development, and light industrial development adjacent to the railroad R/W. Two properties of environmental concern to the site were noted during the site reconnaissance. The properties located at 1921 Western Avenue, Las Vegas, Nevada (6C-15), and 1900 South Industrial Road, Las Vegas, Nevada (6C-16), were observed to have vent

pipes, possible evidence of former or current USTs. Several of the previously discussed properties of environmental concern were noted during the site reconnaissance. Further information regarding these properties is presented in Table 3.

5. MITIGATION MEASURES

5.1. Operational Impacts

- **OI-1** – Rail base operational activities, such as vehicle maintenance, would have the potential for future releases of hazardous materials.

5.2. Operational Mitigation Measures

- **OMM-1** – Desert Xpress facilities that use, store, or dispose of hazardous materials will, in accordance with state and local regulations, submit a Hazardous Materials Management Plan to the relevant local agency (fire department or health department) and be subject to inspections by that local agency to assure compliance with the plan and to evaluate possible hazardous materials releases. Facilities emitting toxic air emissions will submit inventories and plans to the appropriate air quality management district and be subject to permitting and monitoring regulations of the district. Desert Xpress facilities installing and operating chemical storage tanks will install and operate tanks under permit to the local agency regulating the operation of ASTs and USTs.

5.3. Construction Impacts

- **CI-1** – Demolition of structures built prior to 1980 may result in the exposure of the public and/or the environment to LBP and/or ACMs.

- **CI-2** – Construction activities may encounter previously unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-3** – Construction activities, including demolition, may encounter or generate hazardous or solid wastes and debris and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-4** – Construction activities may result in exposure of the public and/or the environment to contaminated soil and/or contaminated groundwater at properties identified as properties of potential environmental concern (Table 4). Based on our understanding of

the proposed construction, there is a low likelihood that construction will disturb groundwater.

- **CI-5** – Construction activities along existing and former rail lines may result in exposure of the public and/or the environment to soil contaminated with herbicides, petroleum hydrocarbons, and metals.

- **CI-6** – Construction activities along the I-15 median and R/W may result in exposure of the public and/or the environment to soil contaminated with aerially deposited lead.

5.4. Construction Mitigation Measures:

- **CMM-1** – Prior to construction activities, Project Applicant or the contractors should conduct an evaluation of all buildings to be demolished to determine the presence of ACMs and LBP. Remediation should be implemented in accordance with the recommendations of these evaluations.

- **CMM-2** – Project Applicant or its contractors will prepare a hazardous materials contingency plan addressing the potential for discovery of unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan will address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

- **CMM-3** – Construction contractors will dispose of all hazardous or solid wastes and debris encountered or generated during construction and demolition activities in accordance with all federal, state, and local laws and regulations.

- **CMM-4** – Project Applicant or its contractor will prepare a soil monitoring plan prior to construction and will implement it during all phases of construction. Disturbed soils will be monitored for visual evidence of contamination (e.g., staining or discoloration). Soil will be monitored for the presence of VOCs using appropriate field instruments such as organic vapor measurement with photoionization detectors (PIDs) or flame ionization detectors. If the monitoring procedures indicate the possible presence of contaminated soil, a contaminated soil contingency plan will be implemented and will 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 will be developed and in place during all construction activities. In the unlikely event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/NPDES process, the groundwater will be profiled, manifested, hauled, and disposed of in the same manner.

Alternatively, preparation of a Phase II Environmental Site Assessment (ESA) will be prepared. In general, the Phase II ESA includes the following:

- A work plan that includes the numbers and locations of proposed soil borings/monitoring wells, sampling intervals, drilling and sampling methods, analytical methods, sampling rationale, site geohydrology, field screening methods, quality control/quality assurance, and reporting methods. Where appropriate, the work plan is approved by a regulatory agency such as the Orange County Health Care Agency, Santa Ana Fire Department, or the RWQCB.

- A site-specific Health and Safety Plan (HSP) signed by a Certified Industrial Hygienist.

- Necessary permits for encroachment, boring completion, and well installation.

- A traffic safety plan.

- Sampling program (fieldwork) in accordance with the work plan and HSP. Fieldwork is completed under the supervision of a State of California registered geologist.

- Hazardous materials testing through a state-certified laboratory.

- Documentation including a description of field procedures, boring logs/well construction diagrams, tabulations of analytical results, cross-sections, an evaluation of the levels and extent of contaminants found, and conclusions and recommendation regarding the environmental condition of the site and the need for further assessment. Recommendations may include additional assessment or handling of the contaminants found though the contaminated soil contingency plan. If the contaminated soil contingency plan is inadequate for the contamination found, a remedial action plan will be developed. Contaminated groundwater will generally be handled though the NPDES/dewatering process.

- Disposal process including transport by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the identified type of waste.

Project Applicant or its contractors will obtain a NPDES permit. In areas of suspected contaminated groundwater, special conditions will apply with regard to acquisition of the NPDES permit, including testing and monitoring, as well as discharge limitations under the NPDES permits.

- **CMM-5** – Soil along and immediately adjacent to existing and former rail lines which will be disturbed during construction should be assessed for the presence of herbicides,

petroleum hydrocarbons, and metals. This assessment should be completed as described under CMM-4 (Phase II ESA).

- **CMM-6** – Unpaved soil along the I-15 and National Trails Highway within the project boundaries should be investigated for the presence of aerially deposited lead. This assessment should be completed as described under CMM-4 (Phase II ESA).

Additionally, we recommend that available agency files for moderate and high risk properties be reviewed. If the file review indicates a low likelihood of contaminants being present beneath or adjacent to the proposed rail line, additional assessment/mitigation may not be recommended and the property could be reclassified as low risk.

6. SELECTED REFERENCES

Environmental FirstSearch™ Report, 2006, Segment 1 Opt A, Victorville, California, dated July 5.

Environmental FirstSearch™ Report, 2006, Segment 1, Opt B, Victorville, California, dated July 5.

Environmental FirstSearch™ Report, 2006, Segment 2, Opt B, Barstow, California, dated August 16.

Environmental FirstSearch™ Report, 2006, Segment 3, Baker, California, dated July 5.

Environmental FirstSearch™ Report, 2006, Segment 4, Opt A, Nipton, California, dated July 5.

Environmental FirstSearch™ Report, 2006, Segment 4, Opt B, Nipton, California, dated July 5.

Environmental FirstSearch™ Report, 2006, Segment 5, Jean, Nevada, dated July 6.

Environmental FirstSearch™ Report, 2006, Segment 6, Opt A, Las Vegas, Nevada, dated July 6.

Environmental FirstSearch™ Report, 2006, Segment 6, Opt B, Las Vegas, Nevada, dated July 6.

Environmental FirstSearch™ Report, 2006, Segment 6, Opt C, Las Vegas, Nevada, dated August 16.

TABLE 1 – ENVIRONMENTAL DATABASE SUMMARY

Database(s)	Description	Number of Facilities Listed							
		Segment 1		Segment 2	Segment 3	Segment 4	Segment 5	Segment 6	
		Alternative A	Alternative B	Alternatives A and B	Alternatives A and B	Alternatives A and B	Alternatives A and B	Alternatives A and B	Alternatives C and D
Federal Databases									
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program. Updated quarterly.	0	0	0	0	0	0	0	0
CERCLIS/NFRAP	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980. NFRAP refers to facilities that have been removed and archived from its inventory of CERCLA sites.	1	0	0	0	0	0	2	2
RCRA/CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with TSD of hazardous materials that are undergoing "corrective action." A "Corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	0	0	0	0	0	0	0	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0	0	0	0	0	0	0	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. LQGs produce at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQGs produce 100 to 1,000 kg/month of non-acutely hazardous waste. CESQGs are those that generate less than 100 kg/month of non-acutely hazardous waste.	1	0	0	1	0	0	21	22
ERNS	ERNS records and stores information on reported releases of oil and hazardous substances.	0	3	0	1	0	2	33	34
State Databases									
Cal Sites	The Cal Sites database is maintained by the Cal-EPA, DTSC. This database contains information on AWP, and both known and potentially contaminated properties. Two-thirds of these properties have been classified, based on available information, as needing NFA by the DTSC. The remaining properties are in various stages of review and remediation to determine if a problem exists.	1	0	0	0	0	0	0	0
STATE	The Nevada Sites database is maintained by the Nevada Bureau of Corrective Action. This database contains information on both known and potentially contaminated properties.	0	0	0	0	0	0	28	24
Spills - 1990	The California RWQCBs maintain report of sites that have records of spills, leaks, investigation, and cleanups.	0	0	0	0	0	0	0	0
SWLF	The SWLF database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the Integrated Waste Management Board's SWIS database.	1	0	0	3	2	0	0	0
LUST	Databases of the LUST information system are maintained by the SWRCB and RWQCB.	2	0	1	2	0	0	18	14
UST	The UST Information System is maintained by the SWRCB, which may include the owner and location of the USTs. This database may also include registered ASTs.	12	0	6	4	0	5	40	37

Notes:

AST – Aboveground Storage Tank
AWP – Annual Workplan Properties
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act
CESQG – Conditionally Exempt Small Quantity Generators
CORRACTS - Corrective Action Sites
DTSC – Department of Toxic Substances Control
ERNS – Emergency Response Notification System
kg – Killogram
LQG – Large Quantity Generator
LUST – Leaking Underground Storage Tanks
NFA – No Further Action
NFRAP – No Further Remedial Action Planned
NPL – National Priorities List
RCRA – Resource Conservation and Recovery Act
RWQCB – Regional Water Quality Control Board
SQG – Small Quantity Generator
SWIS – Solid Waste Information System
SWLF – Solid Waste Landfill
SWRCB – State Water Resources Control Board
TSD – Treatment, Storage, and Disposal Facilities
UST – Underground Storage Tank

TABLE 2 – SUMMARY OF PROPERTIES OF CONCERN FROM THE FIRSTSEARCH™ DATABASE REPORTS

Ninyo & Moore Property ID	Business Name and Address	Case Summary
Segment 1, Alternatives A and B – Victorville, California, to Barstow, California		
1A-1	Goodspeed Auto (former Oro Grande Petroleum Company), 18980 National Trails Highway, Oro Grande, California	LUST – this adjacent facility is reported to have impacted soil only, closure in 1999.
1A-2	Currently unoccupied (former Mohawk Mini-Mart and Pars Oil)	Abandoned Gasoline Station: listed on UST database, no indication of UST removal or abandonment.
1A-3	Riverside Cement Company 19409 National Trails Highway Oro Grande, California 92368	CERCLIS – the adjacent facility is reported to have groundwater beneath the site that is contaminated with chromium and volatile organic compounds from site activities. A remedial investigation was completed in 1999 under the direction of the RWQCB, prompting a feasibility study of remedial alternatives. Further federal monitoring of site cleanup activities is warranted. STATE SITE - a protracted list from 1973 to 1989 briefly describes inspections from RWQCB. EPA be-came the lead agency in 1989. NFA status granted from DTSC in April 1995; EPA led again in August 1995.
Segment 2, Alternatives A and B - Barstow, California, to Yermo, California		
2A-3	Fort Irwin RD Disposal Fort Irvine Road Barstow, California 92311	NPL – No exact address was available for this facility. Landfill is located on federal land and exact location is not known. Currently, no further action is planned for this site.
2B-2	Calico Truck Stop 37587 Calico Boulevard Yermo, California 92398	LUST – release of diesel fuel, preliminary site assessment ongoing.
Segment 3, Alternatives A and B - Yermo, California, to Mountain Pass, California		
3A-2	MolyCorp Mine & Landfill 67750 Bailey Road Nipton, California 92366	SWL – landfill closed in 1987. Status of mining operations unknown.
Segment 6, Alternatives A, B, C and D - Jean, Nevada, to Las Vegas, Nevada		
6A-3	Action Machine and Parts 5115 South Industrial Road Las Vegas, Nevada 89118	Nevada Sites – Unknown release to groundwater, status of case unknown, small quantity generator of hazardous waste.
6A-4	Chevron Station 9 2836 3201 Tropicana Ave Las Vegas, Nevada 89103	LUST – Unknown release to soil, status of case unknown. UST - no indication of UST removal or abandonment.
6A-5	McCandless Interntl. Trucks 4838 South Industrial Road Las Vegas, Nevada 89118	LUST – nature and status of case unknown. UST - no indication of UST removal or abandonment.
6A-6	ANR Freight System 4471 South Industrial Road Las Vegas, Nevada 89103	LUST – case issued closure in 1997. UST - UST no longer active, no indication of UST removal or abandonment.

TABLE 2 – SUMMARY OF PROPERTIES OF CONCERN FROM THE FIRSTSEARCH™ DATABASE REPORTS

Ninyo & Moore Property ID	Business Name and Address	Case Summary
6A-7	Service Station 3715 South Industrial Road Las Vegas, Nevada 89109	UST – no indication of UST removal or abandonment. Observed abandon station during site reconnaissance, address no longer exists.
6C-1	ChemStar - Sloan Facility Sloan Quarry L L C Aggregate Industries-W C R INC Sloan Road Las Vegas, Nevada 89156	UST – no indication of ust removal or abandonment. On going mining operation located adjacent to the site.
6C-2	Ergon Asphalt Products 6400 W Richmar Avenue Enterprise, Nevada	Nevada Site – Several "soil only" releases of emulsifiers, case closures issued for all cases.
6C-3	Las Vegas Paving Corporation 9325 S Jones Boulevard Enterprise, Nevada 89139	UST database, no indication of UST removal or abandonment. Large pond visible in aerial photo.
6C-4	Clark County Dept. of Aviation 7227 Hauck Street Las Vegas, Nevada 89118	Nevada State – release to soil, status of case undetermined
6C-5	Tropicana Detention Basin Arville and Oquendo Streets Las Vegas, Nevada	Nevada Sites – release of heavy metals to soil, case closed in 1999.
6C-6	Mayflower Moving & Storage 4725 South Valley View Las Vegas, Nevada	LUST – release unknown, case closed in 1991. UST - UST no longer in use, no indication of UST removal or abandonment.
6C-7	United Rentals 4410 South Valley View Las Vegas, Nevada 89109	Nevada Sites – release of automotive oil to soil, case closure granted in 2004.
6C-8	J.W. Costello Beverage Co. 4370 South Valley View Las Vegas, Nevada 89103	LUST – release unknown, case closure granted in 1994, Listed on UST database, USTs no longer in use, no indication of UST removal or abandonment.
6C-9a	Commercial Drapery Cleaners 3580 South Polaris Ave Las Vegas, Nevada	NPL – release of solvents, date of closure unknown.
6C-9b	Rocky Mountain Bank Note Company 3815 S. Highland Las Vegas, Nevada	NPL – unidentified release, date of closure unknown.
6C-10	Seven Up Bottling Company 3816 Cinder Lane Las Vegas, Nevada 89103	LUST – nature and status of case unknown. Suspected location of site; address no longer exists.
6C-11	Shetakis Wholesaler Inc 3400 Western Ave Las Vegas, Nevada 89109	LUST – release unknown, case closure granted in 1994. UST - USTs no longer in use, no indication of UST removal or abandonment.
6C-12	Bat Rentals 2771 South Industrial Road Las Vegas, Nevada 89109	LUST – unknown release to soil and groundwater, case closure granted in 1997. UST - USTs no longer in use, no indication of UST removal or abandonment.

TABLE 2 – SUMMARY OF PROPERTIES OF CONCERN FROM THE FIRSTSEARCH™ DATABASE REPORTS

Ninyo & Moore Property ID	Business Name and Address	Case Summary
6C-13	ACE Fire Systems 2620 Western Ave Las Vegas, Nevada 89109	Nevada Sites – release of solvents to groundwater, case closure granted in 2002. UST - no indication of UST removal or abandonment.
6C-14	ACE Truck Rental 2135 Western Ave Las Vegas, Nevada 89102	LUST – unknown release to soil, case closure granted in 1995. UST - USTs no longer in use, no indication of UST removal or abandonment.

Notes:
LUST – Leaking Underground Storage Tank
CERCLIS – Comprehensive Environmental Response Compensation and Liability Information System
RWQCB – Regional Water Quality Control Board
EPA – Environmental Protection Agency
NFA – No Further Action
DTSC – The California Department of Toxic Substances Control

TABLE 3 – SITE RECONNAISSANCE SUMMARY

Property I.D.	Address	Business Name	Site Use	Chemical Storage Areas	Dumped, Burned Material	Hydraulic Equipment (Lifts)	Bermed, Recessed, or Diked Areas	Chemical/Pesticide Mixing Areas	Sumps, Pits, Ponds, Lagoons, Clarifiers	Discharges/Disposal Areas	Groundwater Monitoring Wells or Other Wells	Remediation Equipment/Evidence or Remediation	Discolored or Polluted Water	Storage Tanks (Underground or Aboveground)	Drums	Stressed Vegetation	Discolored/Stained Soils	Degraded/Heavy Stained Pavement
All Segments																		
REG-1	Located adjacent to I-15	Kinder Morgan Pipeline	High Pressure Pipeline	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Segment 1, Alternative A and B - Victorville, California, to Barstow, California																		
1A-1	18980 National Trails Highway, Oro Grande, California	Goodspeed Auto	Auto repair	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
1A-2	19324 National Trails Highway, Oro Grande, California	Unoccupied (Former Mohawk Mini-Mart)	Unoccupied (former gasoline station)	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
1A-3	19409 National Trails Highway, Oro Grande, California	Riverside Cement Company	Cement plant, Quarry, Landfill	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N
Segment 2, Alternative A and B - Barstow, California, to Yermo, California																		
2A-1	Community Blvd & Old Hwy 58 Barstow, California 92311	Unknown	Unknown	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N
2A-2	Ramirez Rd & Waterman Rd Barstow, California	Abandon Gas Station	Gas Station	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N
2A-4	Fort Irvine Road & I-15 Barstow, California 92311	Abandon Gas Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
2B-1	I-15 & Calico Road Yermo, California	Abandon Gas Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
Segment 3, Alternative A and B - Yermo, California, to Mountain Pass, California																		
3A-1	Sunrise Canyon Road Yermo, California	Abandon Gas Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
Segment 4, Alternative A and B - Mountain Pass, California, to Primm, Nevada																		
4A-1	Yates Well Rd Nipton, California	Abandon Gas Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
Segment 6, Alternative A and B - Jean, Nevada, to Las Vegas, Nevada																		
6A-1	15000 Las Vegas Blvd. Las Vegas, Nevada 89124	Xplex Las Vegas	High Speed Go-Carts	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
6A-2	Daisy Mae Land Holdings LLC 11978 South Industrial Road Las Vegas, Nevada 94806	Unknown	Nursery	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
6A-7	3715 South Industrial Road Las Vegas, Nevada 89109	Abandon Gas Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
6A-8	2300 South Rancho Drive Las Vegas, Nevada	Sahara Rancho Office Complex	Businesses	N	N	N	N	N	N	N	Y	Y	N	N	Y	N	N	N
6C-1	Sloan Road Las Vegas, Nevada 89156	ChemStar - Sloan Facility Sloan Quarry LLC Aggregate Industries - WCR Inc.	Limestone Quarry	N	N	N	Y	N	N	Y	N	N	N	N	N	N	N	N
6C-2	6400 West Richmar Avenue Las Vegas, Nevada	Ergon Asphalt Products	Asphalt Company	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N
6C-3	9325 South Jones Blvd. Las Vegas, Nevada 89139	Las Vegas Paving Corporation	Paving Company	N	N	N	N	N	Y	Y	N	N	N	Y	N	N	N	N
6C-5	Arville and Oquendo Streets Las Vegas, Nevada	Tropicana Detention Basin	Detention Basin	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
6C-15	1921 Western Ave Las Vegas, Nevada 89102	Unknown	Unknown	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
6C-16	1900 South Industrial Road Las Vegas, Nevada 89102	Unknown	Unknown	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N

TABLE 4 – SUMMARY OF PROPERTIES OF ENVIRONMENTAL CONCERN

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
1A-1	Godspeed Auto (former Oro Grande Petroleum Company) 18980 National Trails Highway Oro Grande, California	Auto Repair and Gasoline Station: Listed on LUST database, release to soil, case closed in 1999, status of USTs unknown.	M
1A-2	Mohawk Mini-Mart and Pars Oil (currently unoccupied) 19324 National Trails Highway Oro Grande, California	Abandoned Gasoline Station: Listed on UST database, no indication of UST removal or abandonment.	M
1A-3	Riverside Cement Company 19409 National Trails Highway Oro Grande, California	Cement Plant, Mine, and Landfill: Operational since 1895, Listed on CERCLIS, Cal Sites, RCRA Gen, SWLF, LUST, and UST databases. Groundwater reportedly contaminated with Chromium and VOCs, Remedial Investigations resulted in transfer of oversight to EPA	H
2A-1	Monitoring Wells Community Blvd & Old Hwy 58 Barstow, California 92311	Observed monitoring well during site reconnaissance. Nature of investigation Unknown	M
2A-2	Groundwater Monitoring Well Ramirez Rd & Waterman Rd Barstow, California	Gas Station: Abandon station, observed during site reconnaissance, status of USTs unknown	M
2A-3	Fort Irwin RD Disposal Fort Irvine Road Barstow, California 92311	Listed on NPL database, indicated that no further action planned for this site. Exact location of landfill is unknown	M
2A-4	Abandon Gas Station Fort Irvine Road Barstow, California 92311	Gas Station: Abandon station, observed during site reconnaissance, status of USTs unknown	M
2B-1	Abandon Gas Stations I-15 & Calico Road Yermo, California	Gas Station: Abandon station, observed during site reconnaissance, status of USTs unknown	M
2B-2	Calico Truck Stop 37587 Calico Boulevard Yermo, California 92398	Gas Station: Listed on LUST database, release of diesel fuel, preliminary site assessment ongoing.	H
3A-1	Abandon Gas Station Sunrise Canyon Road Yermo, California	Gas Station: Abandon station, observed during site reconnaissance, status of USTs unknown	M
3A-2	MolyCorp Mine & Landfill 67750 Bailey Road Nipton, California 92366	Listed on SWL database, landfill closed in 1987. Status of mining operations unknown.	M
4A-1	Possible Abandon Gas Station Yates Well Road Nipton, California	Gas Station: Abandon station, observed during site reconnaissance, status of USTs unknown	M
6A-1	Xplex Las Vegas 15000 Las Vegas Boulevard Las Vegas, Nevada 89124	High-Speed Go-Cart Track. Surface staining observed throughout property.	M
6A-2	Daisy Mae Land Holdings LLC 11978 Industrial Road Enterprise, Nevada 94806	Nursery: Observed AST during site visit	M
6A-3	Action Machine and Parts 5115 South Industrial Road Las Vegas, Nevada 89118	Listed on Nevada State Site database, unknown release to groundwater, status of case unknown, small quantity generator of hazardous waste.	M

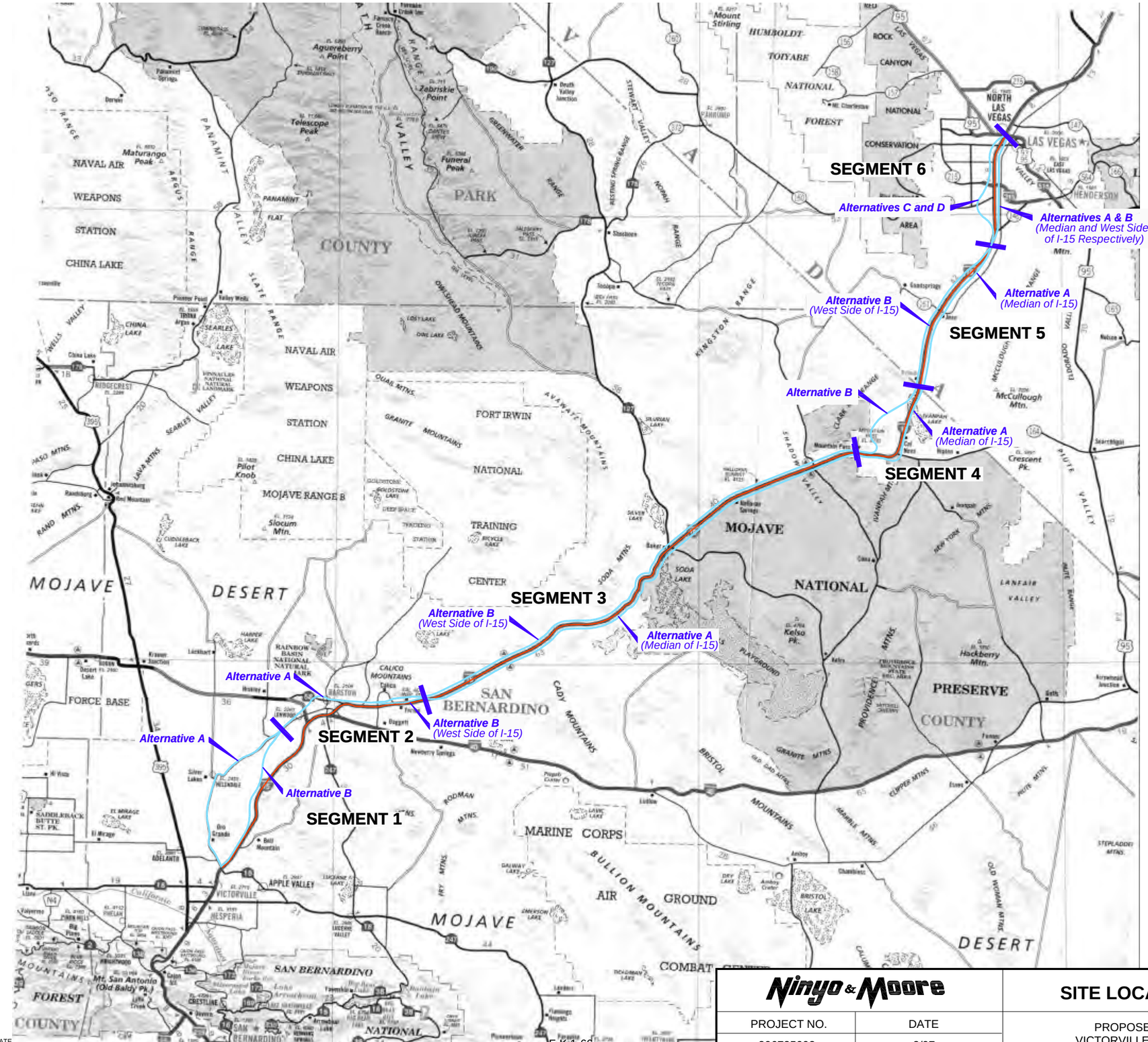
TABLE 4 – SUMMARY OF PROPERTIES OF ENVIRONMENTAL CONCERN

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
6A-4	Chevron Station 9 2836 3201 Tropicana Avenue Las Vegas, Nevada 89103	Service Station: Listed on LUST database for leaking UST, status of case unknown. Site listed on UST database, no indication of UST removal or abandonment.	M
6A-5	McCandless Interntl. Trucks 4800 South Industrial Road Las Vegas, Nevada 89118	Suspected location, actual address no longer exists. Site listed on LUST database, nature and status of case unknown. Site listed on UST database, no indication of UST removal or abandonment.	M
6A-6	ANR Freight System 4471 South Industrial Road Las Vegas, Nevada 89103	Listed on LUST database, case closed in 1997. Site listed on UST database, indicates UST no longer active, no indication of UST removal or abandonment.	M
6A-7	Service Station 3715 South Industrial Road Las Vegas, Nevada 89109	Observed abandon station during site reconnaissance, due to redevelopment in area, address no longer exists. Site listed on UST database, no indication of UST removal or abandonment.	M
6A-8	Sahara rancho Office Complex 2300 South Rancho Drive Las Vegas, Nevada	Observed during site reconnaissance; fenced in vacant area with drums and wells	M
6C-1	ChemStar - Sloan Facility Sloan Quarry L L C Aggregate Industries-W C R INC Sloan Road Las Vegas, Nevada 89156	Lime Quarry: Listed on UST database, no indication of ust removal or abandonment.	M
6C-2	Ergon Asphalt Products 6400 West Richmar Avenue Enterprise, Nevada	Asphalt Company: Listed on Nevada State Site database, several "soil only" releases of emulsifiers, cases are closed.	M
6C-3	Las Vegas Paving Corporation 9325 South Jones Boulevard Enterprise, Nevada 89139	Paving Company: Listed on UST database, no indication of UST removal or abandonment. Large pond visible in aerial photo.	M
6C-4	Clark County Dept. of Aviation 7227 Hauck Street Las Vegas, Nevada 89118	Commercial Property: Listed on the Nevada State database, release to soil, status of case undetermined	M
6C-5	Tropicana Detention Basin Arville and Oquendo Streets Las Vegas, Nevada	Listed on Nevada State Site database, release of heavy metals to soil, case closed in 1999.	M
6C-6	Mayflower Moving & Storage 4725 South Valley View Las Vegas, Nevada	Listed on LUST database, release unknown, case closed in 1991, Listed on UST database, USTs no longer in use, no indication of UST removal or abandonment.	M
6C-7	United Rentals 4410 South Valley View Las Vegas, Nevada 89109	Listed on Nevada State Site database, release of automotive oil to soil, case closed in 2004.	M
6C-8	J.W. Costello Beverage Co. 4370 South Valley View Las Vegas, Nevada 89103	Listed on LUST database, release unknown, case closed in 1994, Listed on UST database, USTs no longer in use, no indication of UST removal or abandonment.	M
6C-9a	Commercial Drapery Cleaners 3580 South Polaris Avenue Las Vegas, Nevada	Suspected location of site, address no longer exists. Listed on National Priority List archive site, solvent case, date of closure unknown.	M
6C-9b	Rocky Mountain Bank Note Company 3815 South Highland Las Vegas, Nevada	Suspected location of site, address no longer exists. Listed on National Priority List archive site, unidentified release, date of closure unknown.	M

TABLE 4 – SUMMARY OF PROPERTIES OF ENVIRONMENTAL CONCERN

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
6C-10	Seven Up Bottling Company 3816 Cinder Lane Las Vegas, Nevada 89103	Suspected location of site, address no longer exists. Listed on LUST database, nature and status of case unknown.	M
6C-11	Shetakis Wholesaler Inc 3400 Western Avenue Las Vegas, Nevada 89109	Listed on LUST database, release unknown, case closed in 1994, Listed on UST database, USTs no longer in use, no indication of UST removal or abandonment.	M
6C-12	Bat Rentals 2771 South Industrial Road Las Vegas, Nevada 89109	Listed on LUST database, unknown release to soil and groundwater, case closed in 1997, Listed on UST database, USTs no longer in use, no indication of UST removal or abandonment.	M
6C-13	ACE Fire Systems 2620 Western Avenue Las Vegas, Nevada 89109	Listed on Nevada State Site database, release of solvents to groundwater, case closed in 2002. Listed on UST database, no indication of UST removal or abandonment.	M
6C-14	ACE Truck Rental 2135 Western Avenue Las Vegas, Nevada 89102	Listed on LUST database, unknown release to soil, case closed in 1995, Listed on UST database, USTs no longer in use, no indication of UST removal or abandonment.	M
6C-15	1921 Western Avenue Las Vegas, Nevada 89102	Observed during site reconnaissance: potential UST, vent pipes observed in the field	M
6C-16	1900 South Industrial Road Las Vegas, Nevada 89102	Observed during site reconnaissance: potential UST, vent pipes observed in the field	M

Notes:
LUST – Leaking Underground Storage Tank
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System
VOCs – volatile organic compounds
EPA – Environmental Protection Agency
Risk Class H = high, M = moderate, L = low

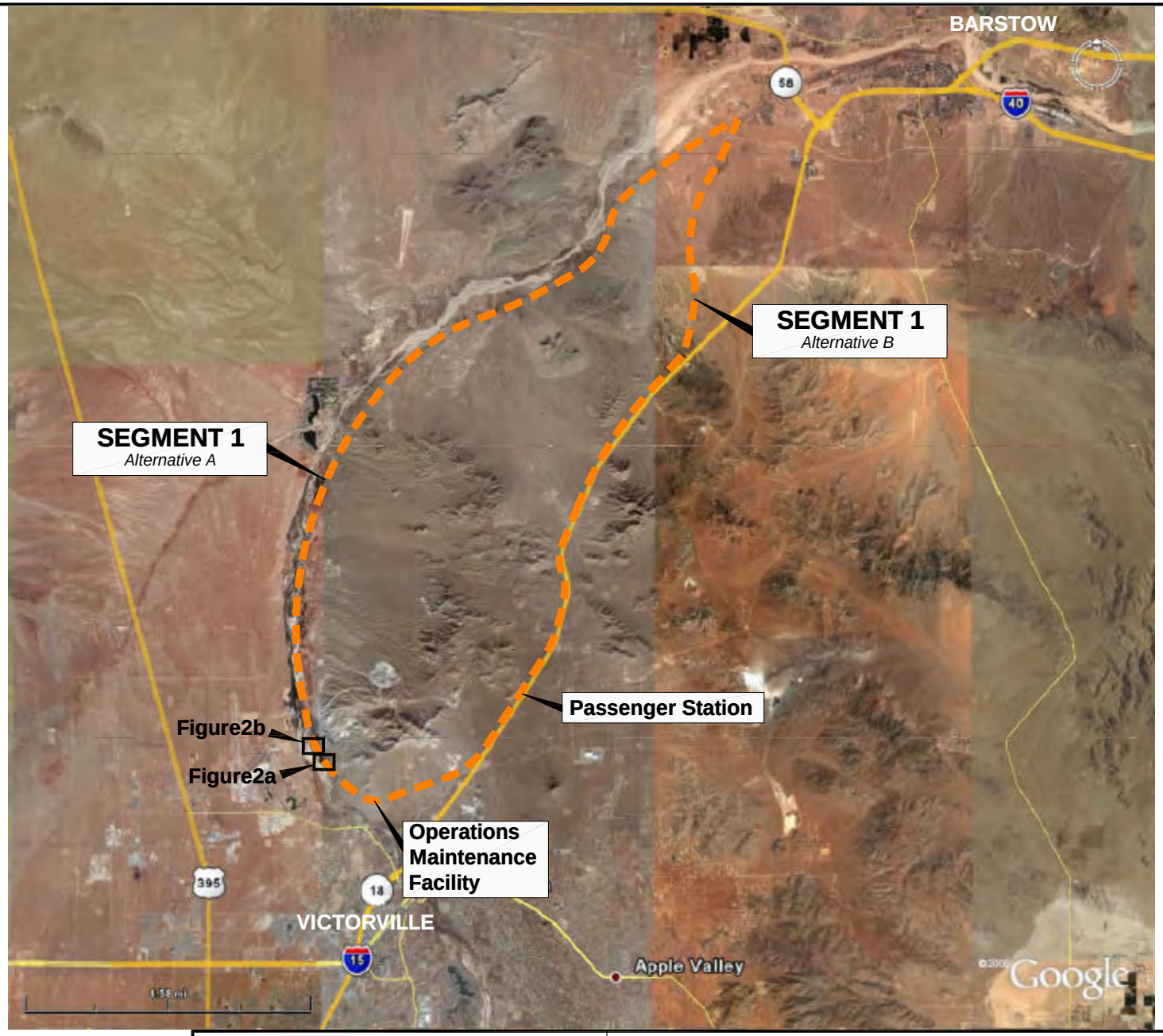


NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

F-K1-66

206725—B1.DWG

Ninyo & Moore		SITE LOCATION MAP	FIGURE
PROJECT NO.	DATE	PROPOSED RAIL LINE VICTORVILLE TO LAS VEGAS	1
206725002	2/07		



N

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206725-A2.DWG

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 1 - SITE VICINITY MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

2

F-K.1-67

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
1A-1	GODSPEED AUTO (FORMER ORO GRANDE PETORLEUM COMPANY) 18980 NATIONAL TRAILS HIGHWAY, ORO GRANDE, CA	**AUTO REPAIR AND GASOLINE STATION:** LISTED ON LUST DATABASE, SOIL ONLY, CLOSURE IN 1999.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 1 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

2a

206725--A4.DWG

F-K.1-68

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
1A-2	CURRENTLY UNOCCUPIED (FORMER MO-HAWK MINI-MART AND PARS OIL) 19324 NATIONAL TRAILS HIGHWAY ORO GRANDE, CA	**ABANDONED GASOLINE STATION:** LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M
1A-3	RIVERSIDE CEMENT COMPANY 19409 NATIONAL TRAILS HIGHWAY ORO GRANDE, CA	**CEMENT PLANT, MINE, AND LANDFILL:** OPERATIONAL SINCE 1895, LISTED ON CERCLIS, CAL SITES, RCRA GEN, SWLF, LUST, AND UST DATABASES, GROUNDWATER REPORTEDLY CONTAMINATED WITH CHROMIUM AND VOC'S, REMEDIAL INVESTIGATIONS RESULTED IN TRANSFER OF OVERSITE TO EPA. LIMITED INFORMATION IS AVAILABLE AFTER EPA TOOK LEAD.	H

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

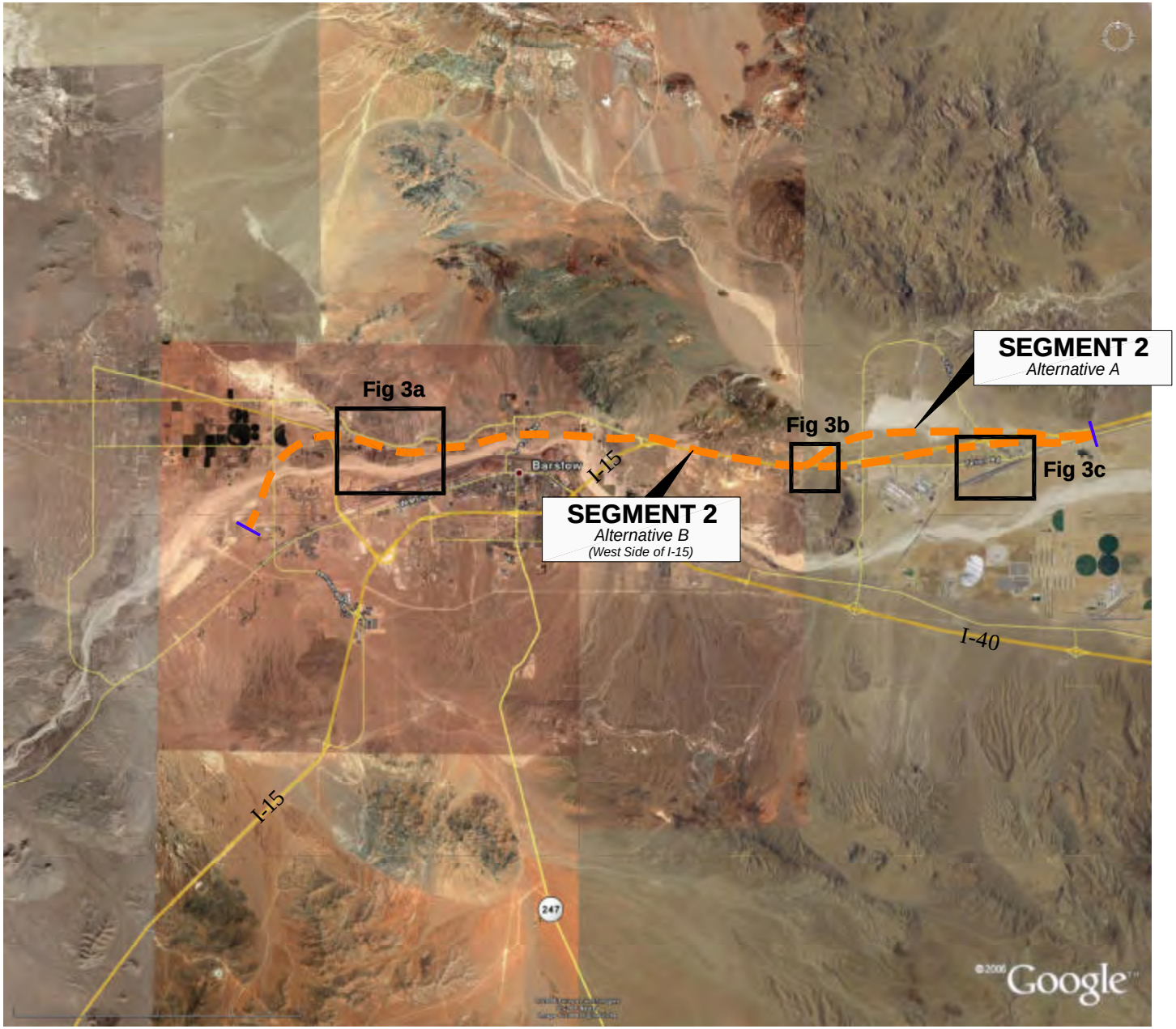
SEGMENT 1 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

2b

206725-A3.DWG



PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SEGMENT 2 - SITE VICINITY MAP	FIGURE
PROJECT NO.	DATE	PROPOSED RAIL LINE VICTORVILLE TO LAS VEGAS	3
206725002	2/07		

F-K.1-70

206725--A5.DWG

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
2A-1	MONITORING WELLS COMMUNITY BLVD. AND OLD HWY 58 BARSTOW, CA 92311	OBSERVED MONITORING WELL DURING SITE RECONNAISSANCE. NATURE OF INVESTIGATION UNKNOWN.	M
2A-2	GROUNDWATER MONITORING WELL RAMIREZ ROAD & WATERMAN ROAD BARSTOW, CA	**GAS STATION:** ABANDONED STATION, OBSERVED DURING SITE RECONAISSANCE, STATUS OF UST'S UNKNOWN.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

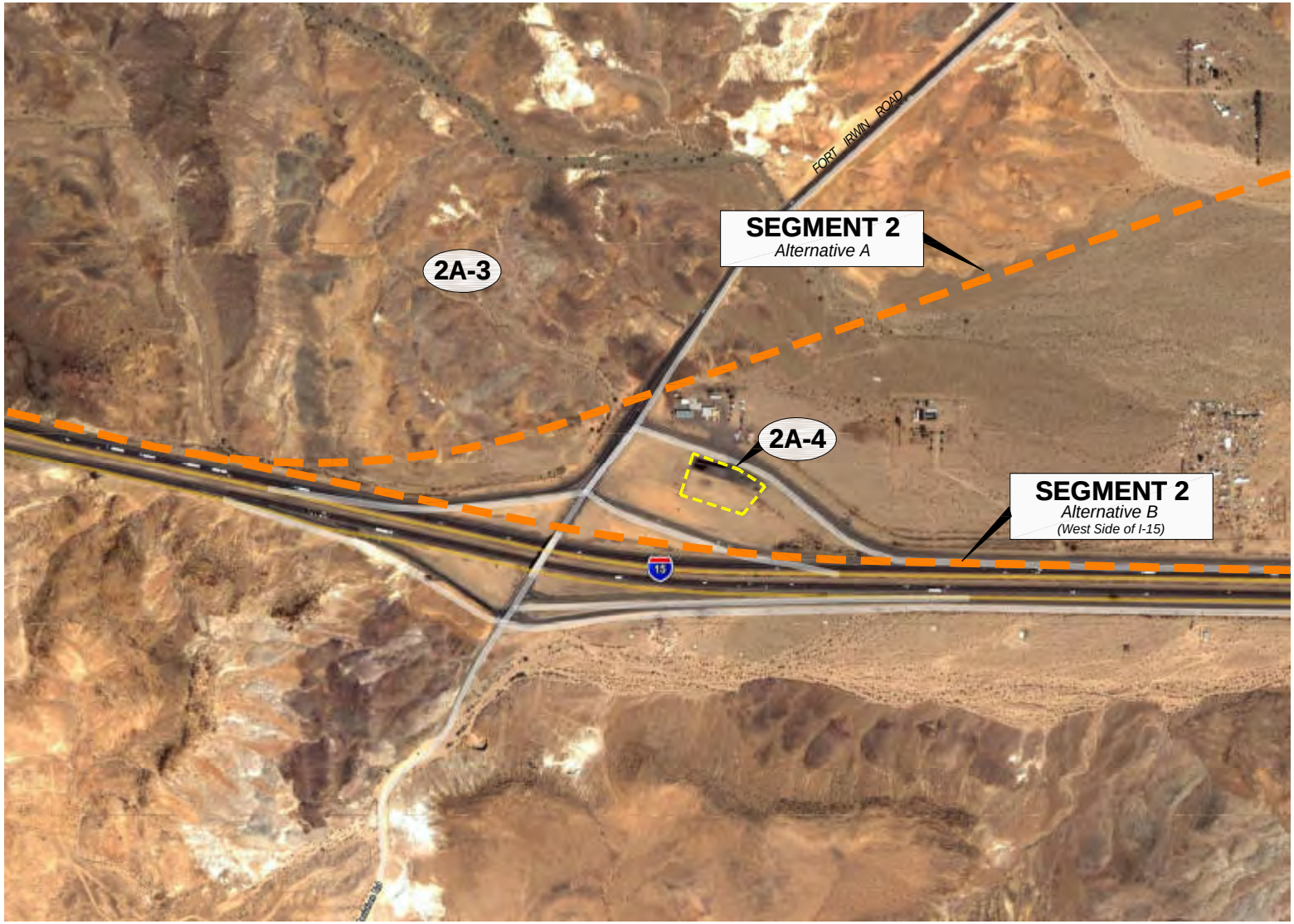
SEGMENT 2 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

3a

206725-A6.DWG



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
2A-3	FORT IRWIN RD DISPOSAL FORT IRWIN ROAD BARSTOW, CA 92311	LISTED ON NPL DATA BASE, INDICATED THAT NO FURTHER ACTION PLANNED FOR THIS SITE. EXACT LOCATION OF LANDFILL IS UNKNOWN.	M
2A-4	ABANDONED GAS STATION FORT IRWIN ROAD BARSTOW, CA 92311	**GAS STATION:** ABANDONED STATION, OBSERVED DURING SITE RECONAISSANCE, STATUS OF UST'S UNKNOWN.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 2 - DETAIL MAP

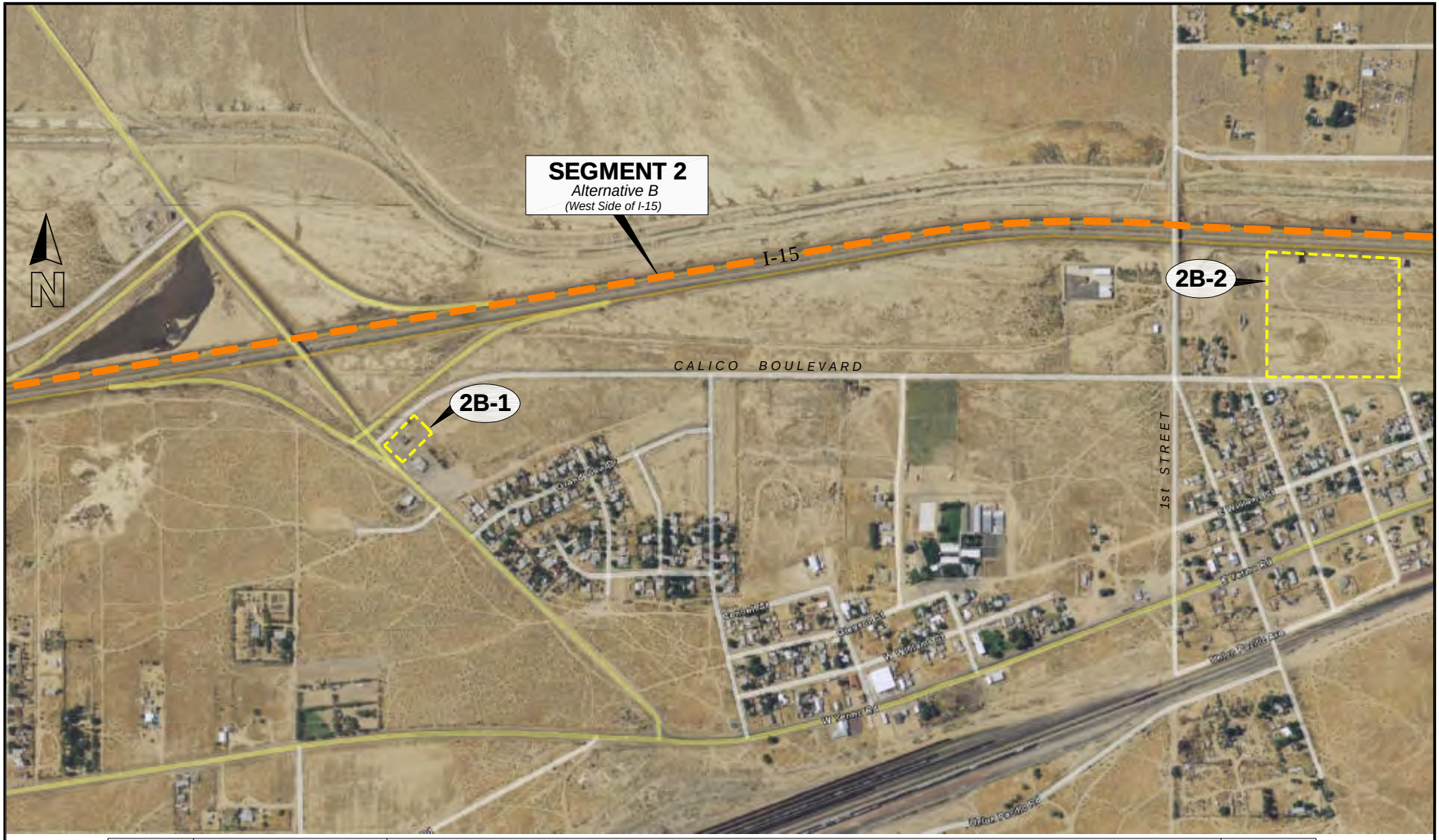
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

3b

206725-A7.DWG

F-K.1-72



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
2B-1	ABANDONED GAS STATIONS I-15 AND CALICO ROAD YERMO, CA	**GAS STATION:** ABANDONED GAS STATION OBSERVED DURING SITE RECONNAISSANCE STATUS OF USTs IS UNKNOWN.	M
2B-2	CALICO TRUCK STOP 37587 CALICO BLVD YERMO, CA 92398	**GAS STATION:** LISTED ON LUST DATABASE, RELEASE OF DIESEL FUEL, PRELIMINARY SITE ASSESSMENT ONGOING.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

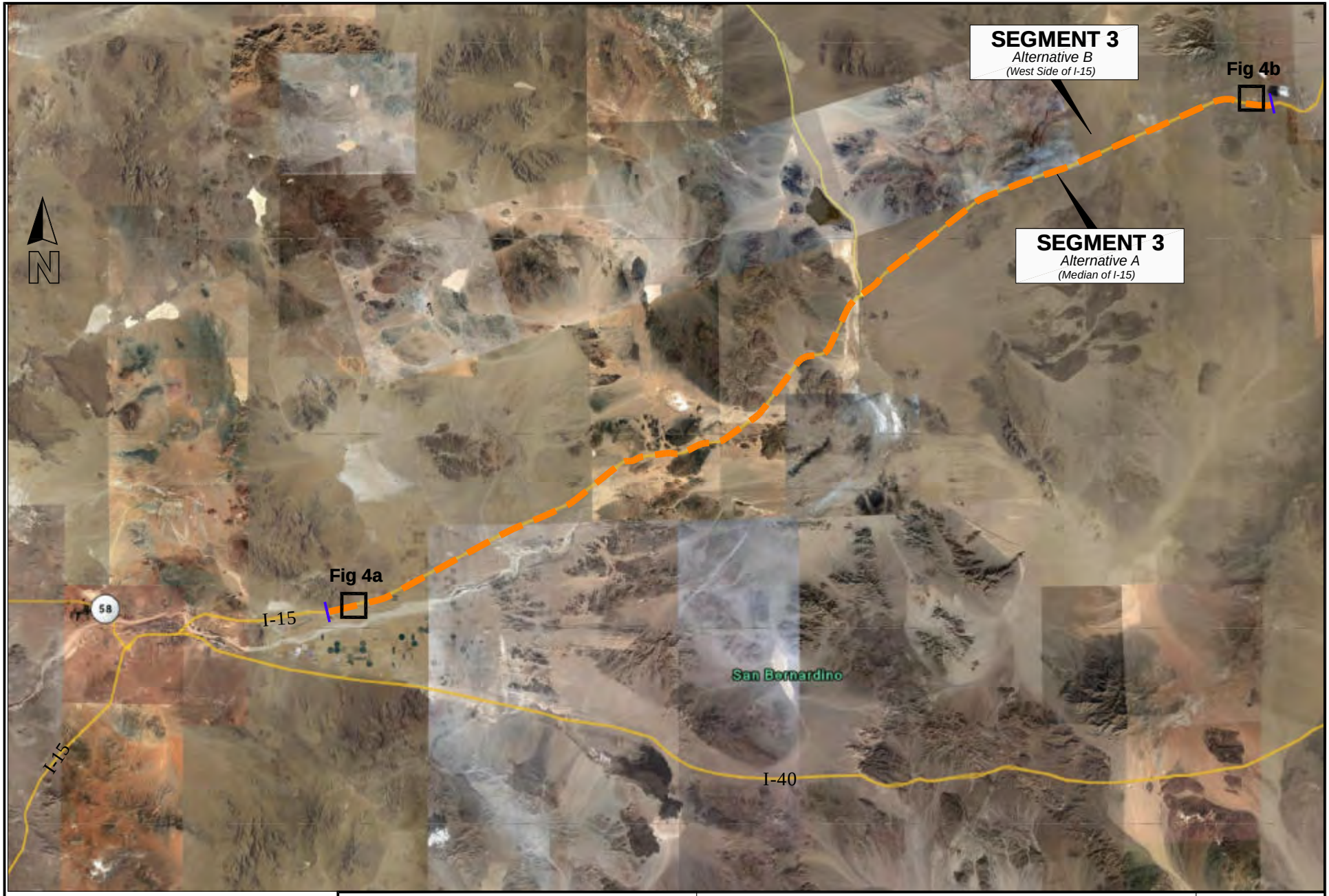
SEGMENT 2 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

3c

206725--A8.DWG



PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 3 - SITE VICINITY MAP

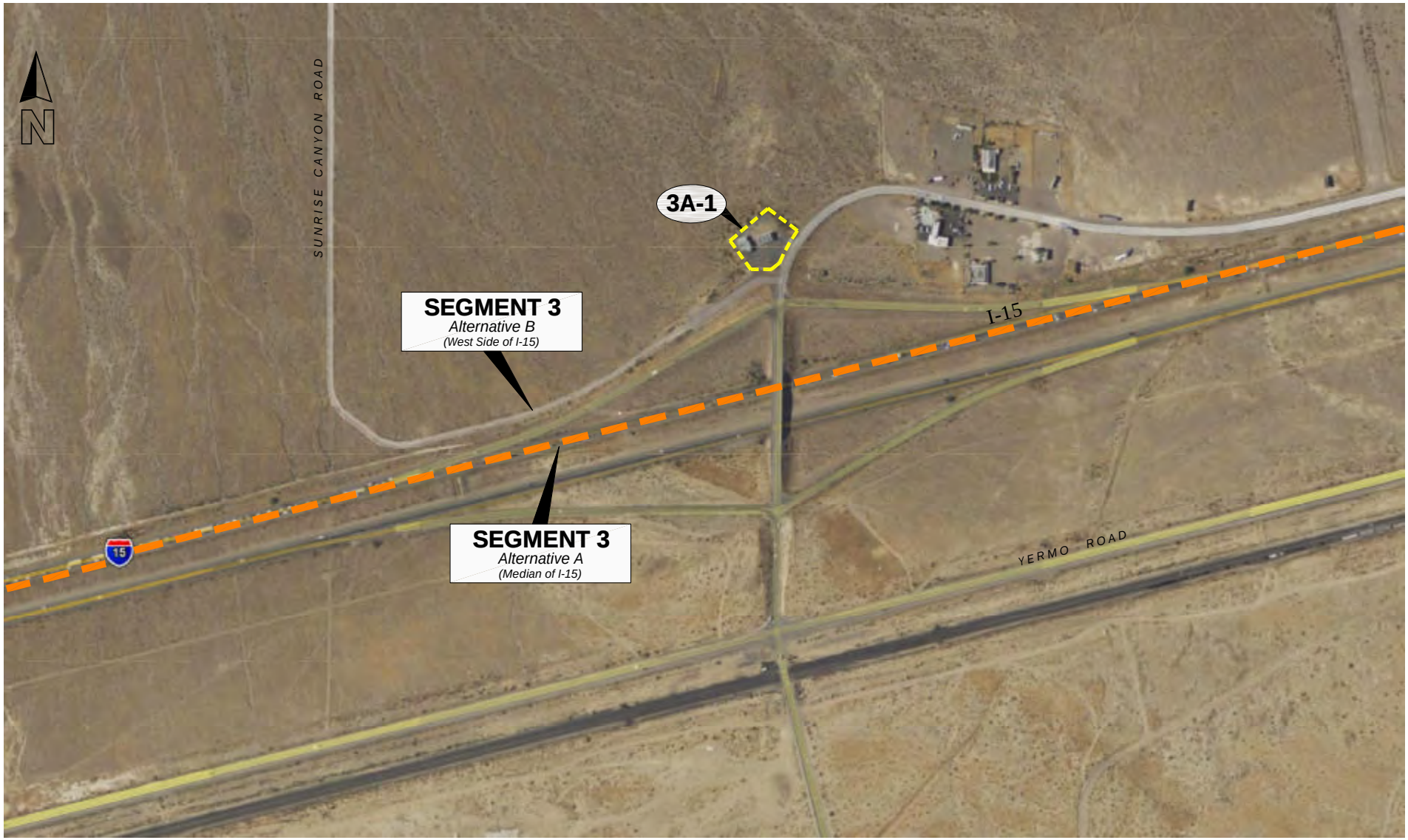
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

4

206725-A9.DWG

F-K.1-74



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
3A-1	ABANDONED GAS STATION SUNRISE CANYON ROAD YERMO, CA	**GAS STATION:** ABANDONED STATION, OBSERVED DURING SITE RECONNAISSANCE, STATUS OF USTs UNKNOWN.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 3 - DETAIL MAP

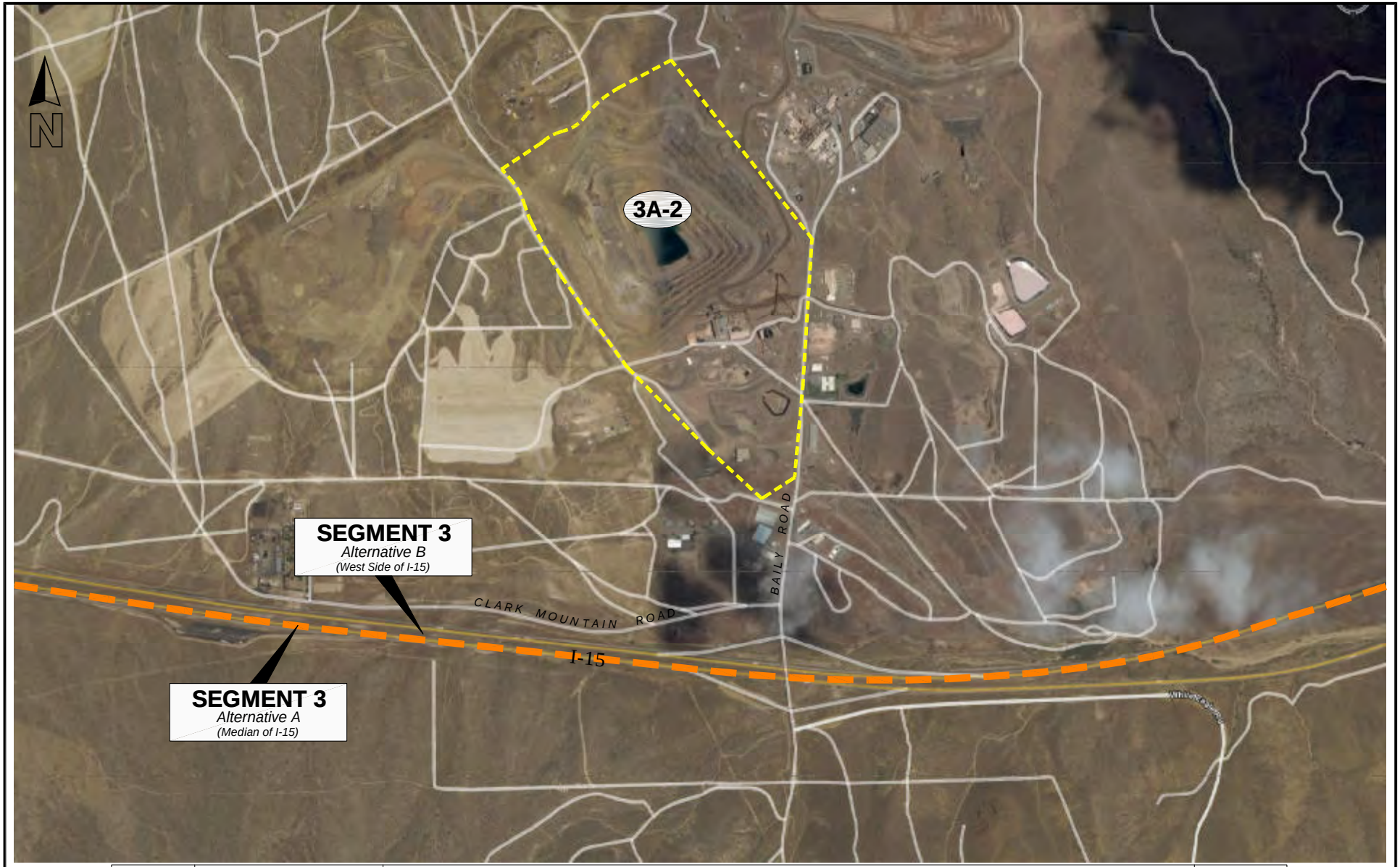
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

4a

206725–A10.DWG

F-K.1-75



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
3A-2	MOLYCORP MINE & LANDFILL 67750 BAILEY ROAD NIPTON, CA	LISTED ON SWL DATABASE, LANDFILL CLOSED IN 1987. STATUS OF MINE OPERATIONS UNKNOWN.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 3 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

4b

206725--A11.DWG

F-K.1-76

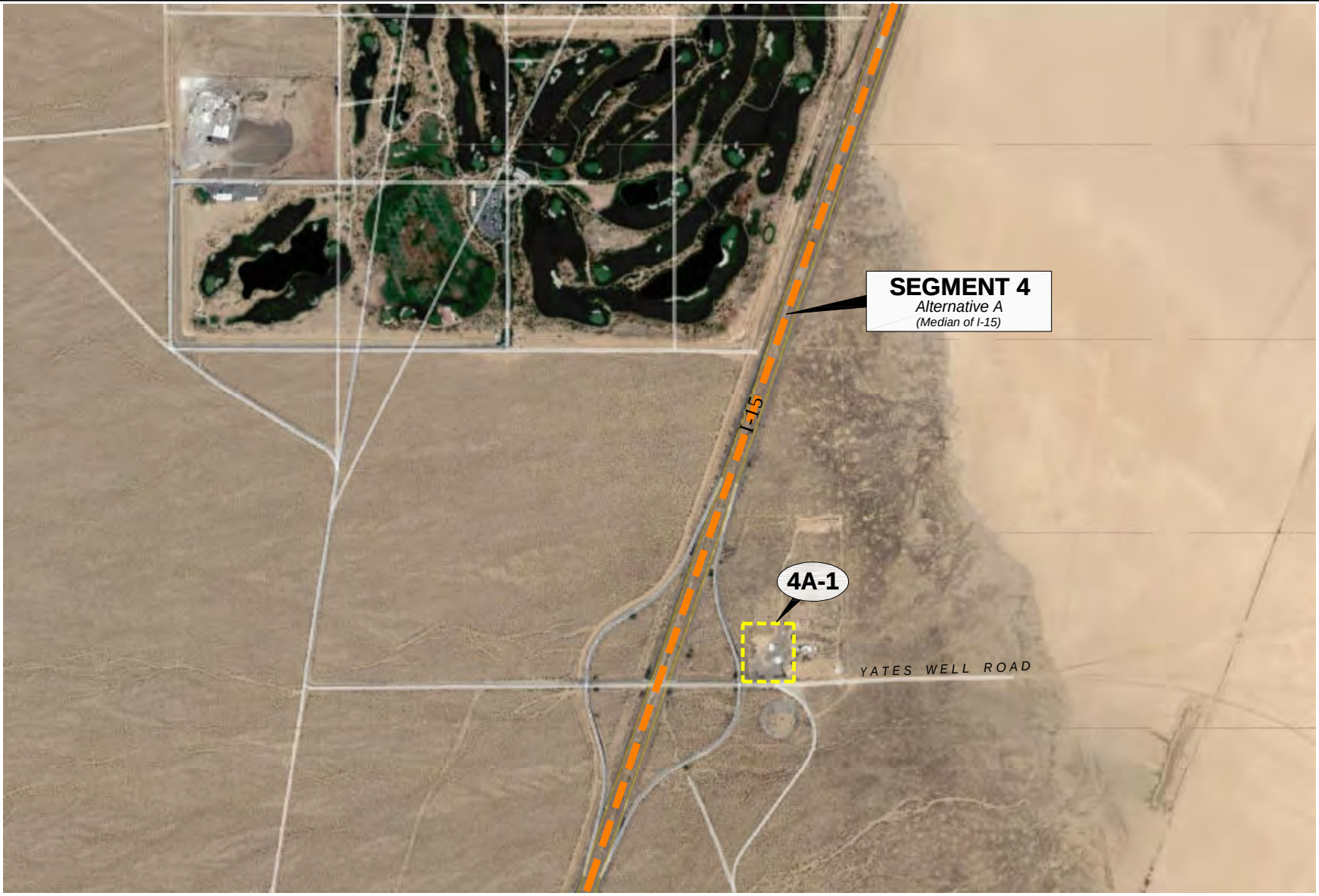
PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SEGMENT 4- SITE VICINITY MAP	FIGURE
PROJECT NO.	DATE	PROPOSED RAIL LINE VICTORVILLE TO LAS VEGAS	5
206725002	2/07		

F-K.1-77

206725-A12.DWG



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
4A-1	POSSIBLE ABANDONED GAS STATION YATES WELL ROAD NIPTON, CA	**GAS STATION:** ABANDONED STATION, OBSERVED DURING SITE RECONNAISSANCE, STATUS OF USTs UNKNOWN.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 4 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

5a

206725-A13.DWG

F-K.1-78

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 5 - SITE VICINITY MAP

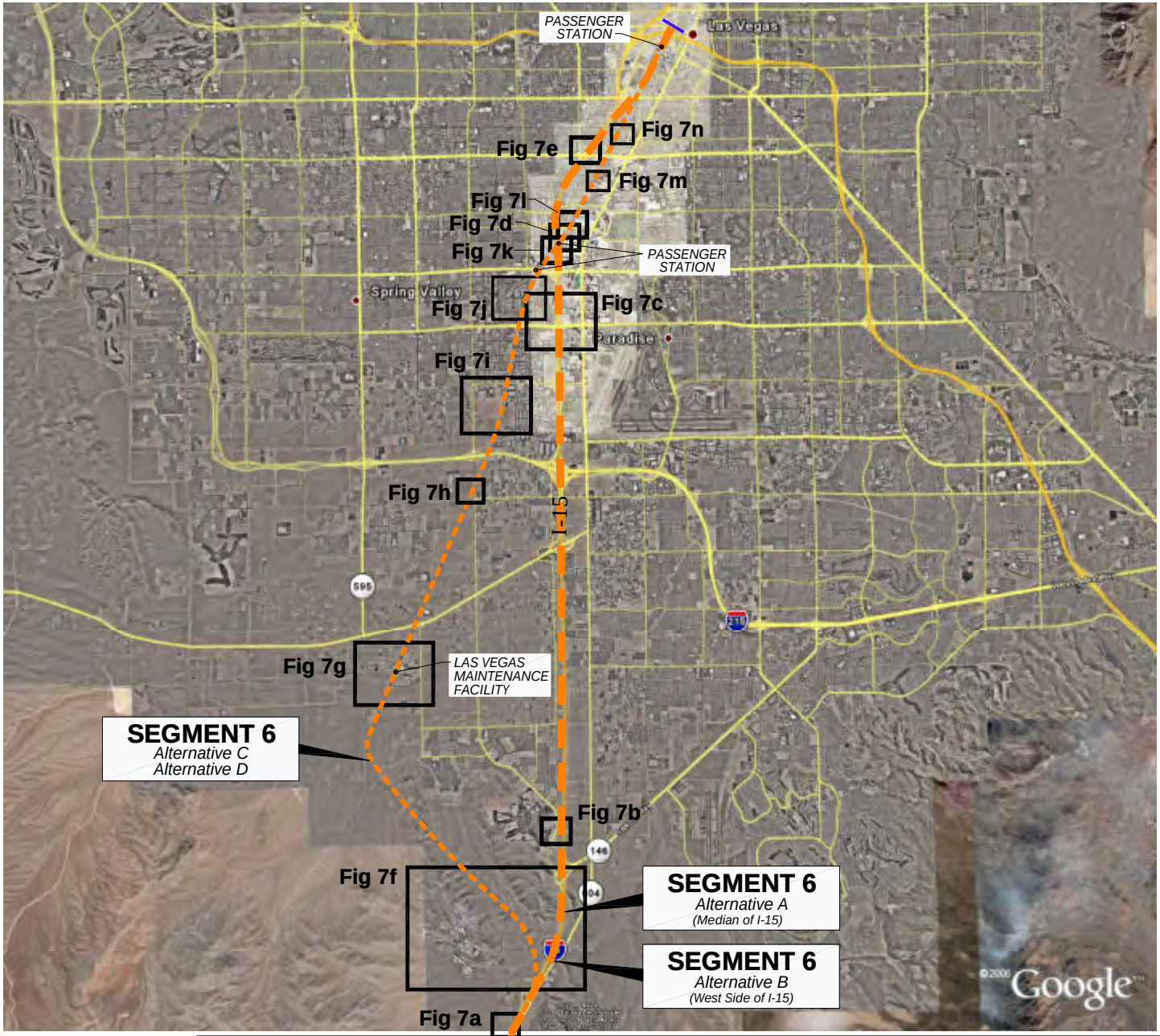
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

6

206725–A14.DWG

F-K.1-79



N

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	SEGMENT 6 - SITE VICINITY MAP	FIGURE
PROJECT NO. 206725002 / DATE 2/07	PROPOSED RAIL LINE VICTORVILLE TO LAS VEGAS	7

206725-A15.DWG

F-K.1-80

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
6A-1	XPLEX LAS VEGAS 15000 LAS VEGAS BOULEVARD LAS VEGAS, NV 89124	**HIGH-SPEED GO-CART TRACK** SURFACE STAINING OBSERVED THROUGHOUT PROPERTY.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7a

206725--A16.DWG

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
6A-2	DAISY MAE LAND HOLDINGS LLC 11978 INDUSTRIAL ROAD ENTERPRISE, NV 89103	**NURSERY:** OBSERVED AST DURING VISIT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

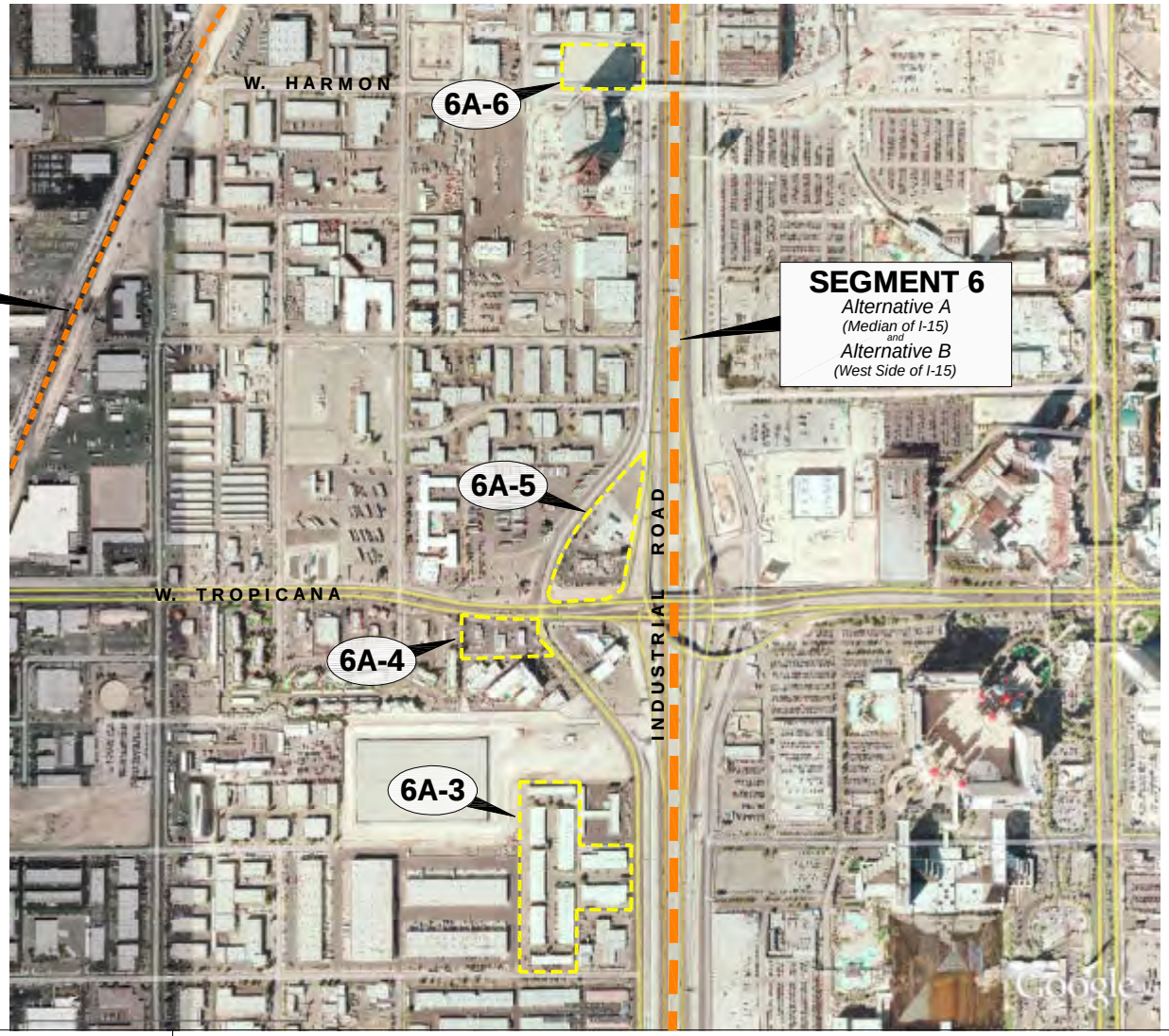
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7b

206725–A17.DWG

F-K.1-82



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6A-3	ACTION MACHINE AND PARTS, 5115 DEAN MARTIN, LAS VEGAS, NV 89118	LISTED ON NEVADA STATE SITE DATABASE, UNKNOWN RELEASE TO GROUNDWATER, STATUS OF CASE UNKNOWN, SMALL QUANTITY GENERATOR OF HAZARDOUS WASTE.	M
6A-4	CHEVRON STATION 92836, 3201 TROPICANA AVENUE, LAS VEGAS, NV 89103	**SERVICE STATION:** LISTED ON LUST DATABASE FOR LEAKING UST, STATUS OF CASE UNKNOWN. SITE LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M
6A-5	McCANDLESS INT'L TRUCKS, 4800 DEAN MARTIN , LAS VEGAS, NV 89103	SUSPECTED LOCATION, ACTUAL ADDRESS NO LONGER EXISTS. SITE LISTED ON LUST DATABASE, NATURE AND STATUS OF CASE UNKNOWN. SITE LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M
6A-6	ANR FREIGHT SYSTEM, 4471 DEAN MARTIN , LAS VEGAS, NV 89103	SITE LISTED ON LUST DATABASE, CASE CLOSED IN 1997. SITE LISTED ON UST DATABASE INDICATES UST NO LONGER ACTIVE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

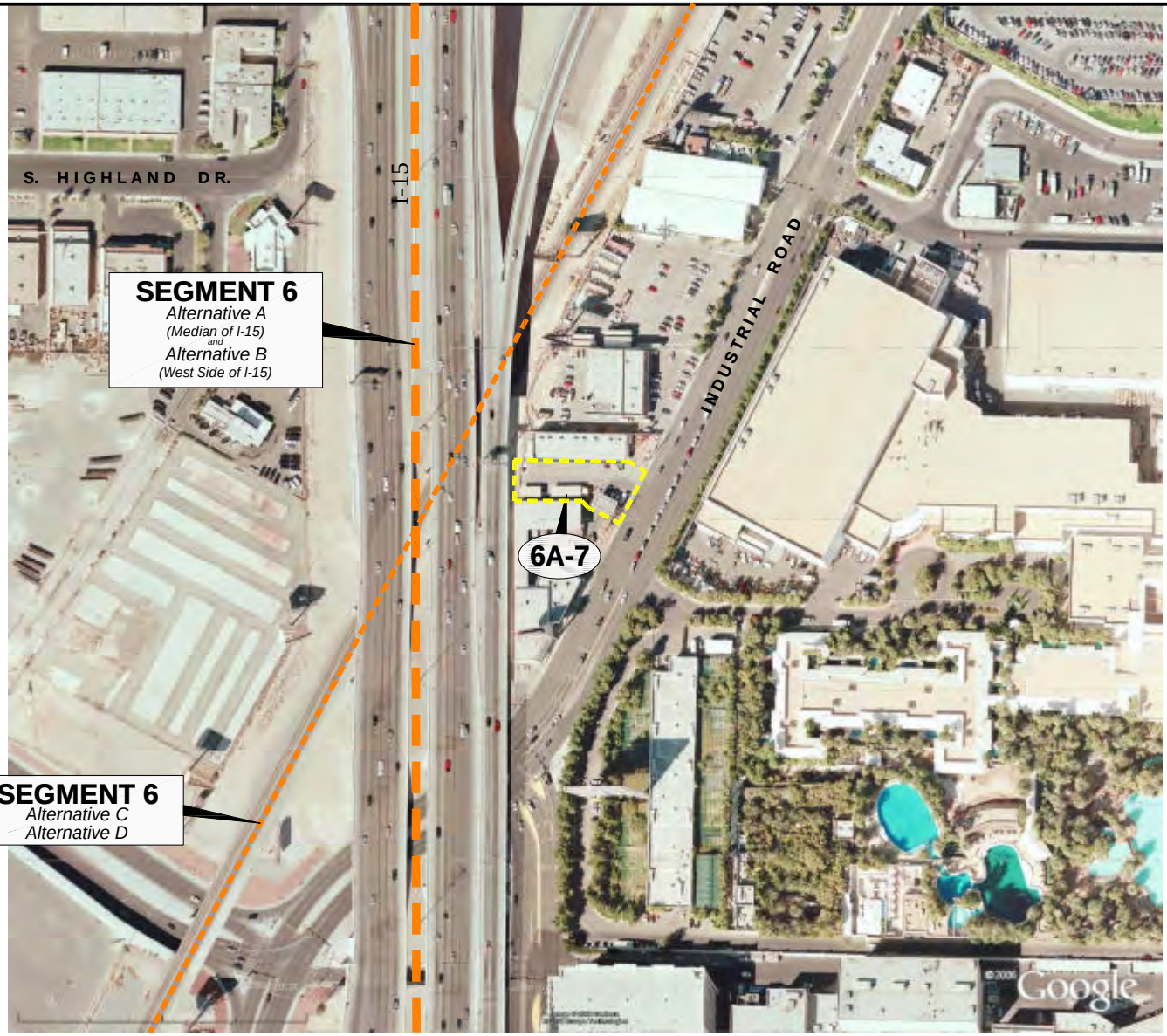
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7c

206725–A18.DWG

F-K.1-83



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	RISK CLASS
6A-7	SERVICE STATION 3715 DEAN MARTIN LAS VEGAS, NV 89109	OBSERVED ABANDONED STATION DURING SITE RECONNAISSANCE, DUE TO REDEVELOPMENT IN THE AREA, ADDRESS NO LONGER EXISTS. SITE LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7d

206725-A19.DWG

F-K.1-84

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6A-8	SAHARA RANCH OFFICE COMPLEX 2300 S. RANCH DRIVE LAS VEGAS, NV	OBSERVED DURING SITE RECONNAISSANCE, FENCED IN VACANT AREA WITH DRUMS AND WELLS.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

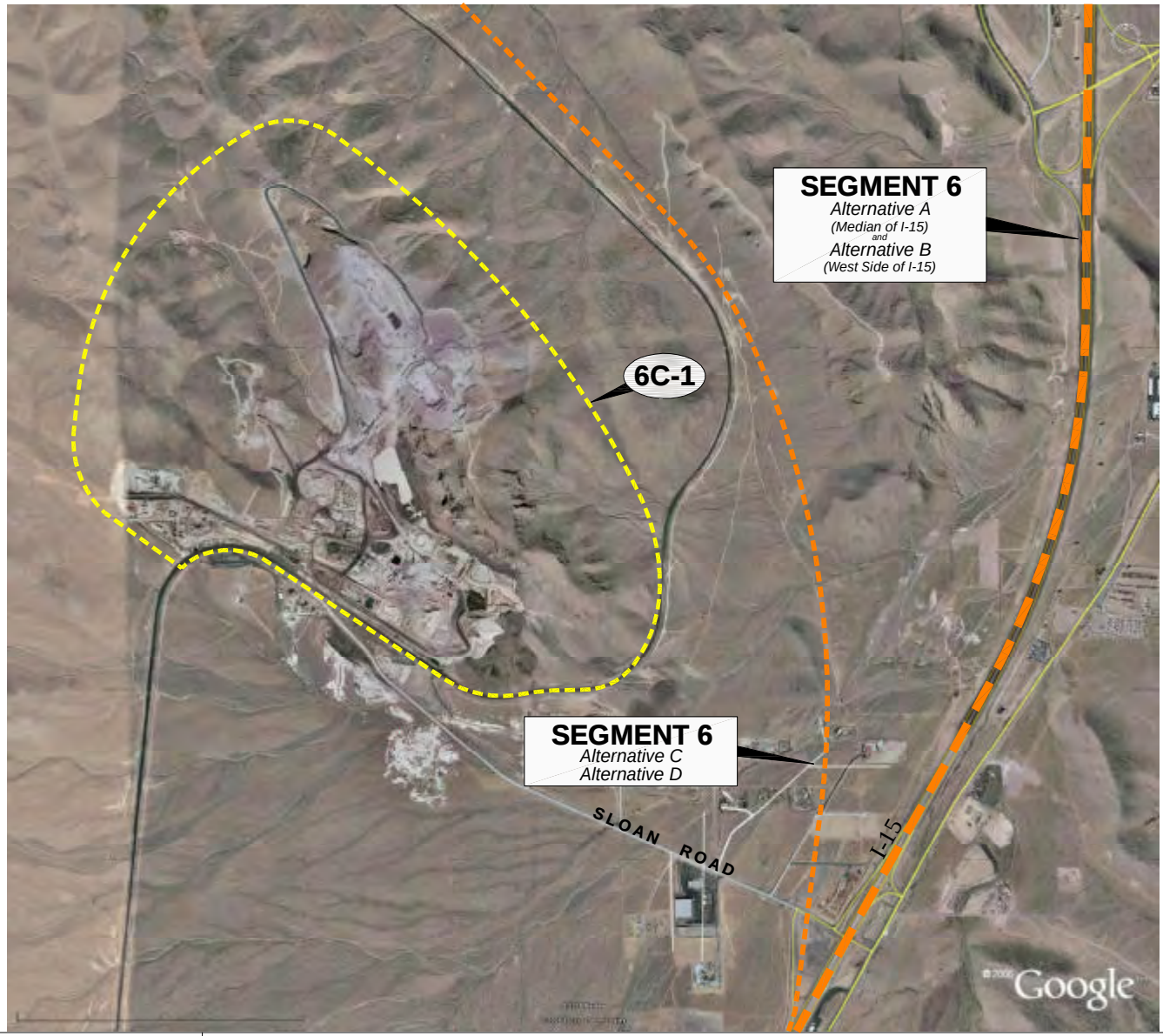
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7e

206725—A20.DWG

F-K.1-85



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-1	CHEMSTAR SLOAN FACILITY SLOAN QUARRY L.L.C. LAS VEGAS, NV 89156	**LIME QUARRY:** LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7f

206725-A21.DWG

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS RISK
6C-2	ERGON ASPHALT PRODUCTS 6400 W. RICHMAR AVENUE ENTERPRISE, NV	**ASPHALT COMPANY:** LISTED ON NEVADA STATE SITE DATABASE, SEVERAL "SOIL ONLY" RELEASES OF EMULSIFIERS, CASES ARE CLOSED.	M
6C-3	LAS VEGAS PAVING CORPORATION 9325 S. JONES BLVD. ENTERPRISE, NV 89139	**PAVING COMPANY:** LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT. LARGE POND VISIBLE ON ARIAL PHOTO.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

ALTERNATIVE CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7g

206725–A22.DWG

F-K.1-87

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-4	CLARK COUNTY DEPARTMENT OF AVIATION 7227 HAUCK STREET LAS VEGAS, NV 89118	**COMMERCIAL PROPERTY:** LISTED ON THE NEVADA STATE DATABASE, RELEASE TO SOIL, STATUS OF CASE UNDETERMINED.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

ALTERNATIVE CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7h

206725–A23.DWG

F-K.1-88

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-5	TROPICANA DETENTION BASIN ARVILLE AND OQUENDO STREETS LAS VEGAS, NV	LISTED ON THE NEVADA STATE DATABASE, RELEASE OF HEAVY METALS TO SOIL, CASE CLOSED IN 1999.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

ALTERNATIVE CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

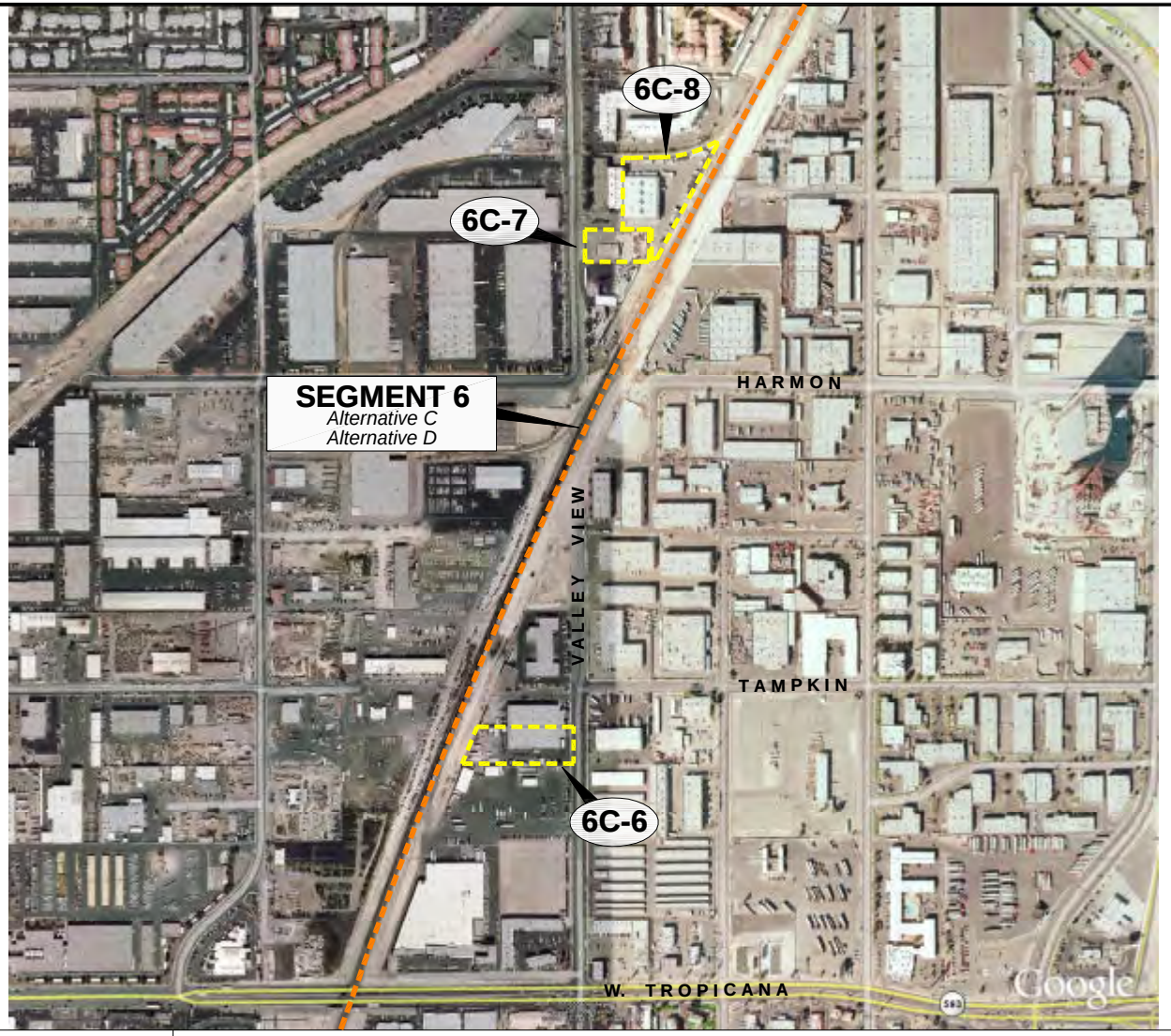
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7i

206725—A24.DWG

F-K.1-89



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-6	NAYFLOWER MOVING & STORAGE 4725 S. VALLEY VIEW LAS VEGAS, NV 89118	LISTED ON LUST DATABASE, RELEASE UNKNOWN, CASE CLOSED IN 1991, LISTED ON UST DATABASE, USTs NO LONGER IN USE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M
6C-7	UNITED RENTALS 4410 S. VALLEY VIEW LAS VEGAS, NV 89109	LISTED ON NEVADA STATE SITE DATABASE, RELEASE OF AUTOMOTIVE OIL TO SOIL, CASE CLOSED IN 2004.	M
6C-8	J.W. COSTELLO BEVERAGE CO. 4370 S. VALLEY VIEW LAS VEGAS, NV 89103	LISTED ON LUST DATABASE, RELEASE UNKNOWN, CASE CLOSED IN 1994, LISTED ON UST DATABASE, USTs NO LONGER IN USE, NO INDICATION OF REMOVAL OR ABANDONMENT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

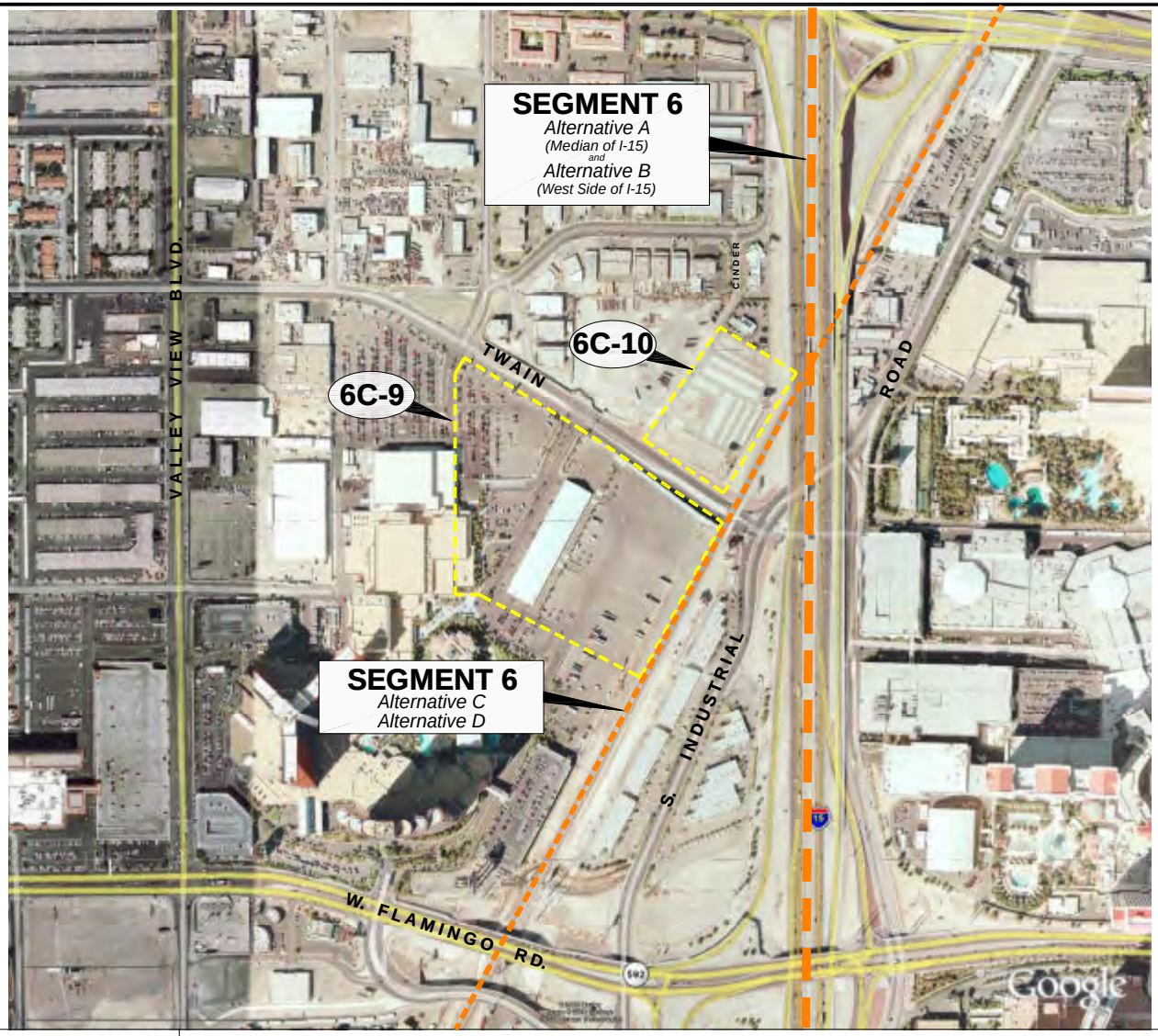
PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7j

206725–A25.DWG

F-K.1-90



PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS RISK
6C-9a	COMMERCIAL DRAPERY CLEANERS 3580 S. POLARIS AVENUE LAS VEGAS, NV	SUSPECTED LOCATION OF SITE, ADDRESS NO LONGER EXISTS. LISTED ON NATIONAL PRIORITY LIST ARCHIVE SITE, SOLVENT CASE, DATE OF DISCLOSURE UNKNOWN.	M
6C-9b	ROCKY MOUNTAIN BANK NOTE CO. 3815 HIGHLAND AVENUE LAS VEGAS, NV	SUSPECTED LOCATION OF SITE, ADDRESS NO LONGER EXISTS. LISTED ON NATIONAL PRIORITY LIST ARCHIVE SITE, UNIDENTIFIED RELEASE, DATE OF DISCLOSURE UNKNOWN.	M
6C-10	SEVEN UP BOTTELING COMPANY 3816 CINDER LANE LAS VEGAS, NV 89103	SUSPECTED LOCATION OF SITE, ADDRESS NO LONGER EXISTS. LISTED ON LUST DATABASE, NATURE AND STATUS OF CASE UNKNOWN.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7k

206725–A26.DWG

F-K.1-91

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-11	SHETAKIS WHOLESALER INC. 3400 WESTERN AVENUE LAS VEGAS, NV 89109	LISTED ON LUST DATABASE, RELEASE UNKNOWN, CASE CLOSED IN 1994, LISTED ON UST DATABASE, USTs NO LONGER IN USE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7I

206725–A27.DWG

F-K.1-92

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-12	BAT RENTALS 2771 DEAN MARTIN LAS VEGAS, NV 89109	LISTED ON LUST DATABASE, UNKNOWN RELEASE TO SOIL AND GROUNDWATER, CASE CLOSED IN 1997, LISTED ON UST DATABASE USTs NO LONGER IN USE, CASE CLOSED IN 1994, LISTED ON UST DATABASE, USTs NO LONGER IN USE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M
6C-13	ACE FIRE SYSTEMS 2620 WESTERN AVENUE LAS VEGAS, NV 89109	LISTED ON NEVADA STATE SITE DATABASE, RELEASE OF SOLVENTS TO GROUNDWATER, CASE CLOSED IN 2002, LISTED ON UST DATABASE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7m

206725–A28.DWG

F-K.1-93

PROPERTY I.D.	PROPERTY ADDRESS	SITE OPERATIONS - REASON FOR RISK CLASS (1)	CLASS
6C-14	ACE TRUCK RENTAL 2135 WESTERN AVENUE LAS VEGAS, NV 89102	LISTED ON LUST DATABASE, UNKNOWN RELEASE TO SOIL, CASE CLOSED IN 1995, LISTED ON UST DATABASE, USTs NO LONGER IN USE, NO INDICATION OF UST REMOVAL OR ABANDONMENT.	M
6C-15	1921 WESTERN AVENUE LAS VEGAS, NV 89102	**OBSERVED DURING SITE RECONNAISSANCE**: VENT PIPES OBSERVED IN THE FIELD.	M
6C-16	1900 DEAN MARTIN LAS VEGAS, NV 89102	**OBSERVED DURING SITE RECONNAISSANCE**: POTENTIAL UST, VENT PIPES OBSERVED IN THE FIELD.	M

PROPERTIES OF ENVIRONMENTAL CONCERN

PROPOSED RAIL CORRIDOR

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

PROJECT NO.	DATE
206725002	2/07

SEGMENT 6 - DETAIL MAP

PROPOSED RAIL LINE
VICTORVILLE TO LAS VEGAS

FIGURE

7n

206725–A29.DWG

F-K.1-94

HAZARDOUS MATERIALS ASSESSMENT
PROPOSED DESERT XPRESS RAIL LINE
SEGMENT 4, OPTIONS C AND D
VICTORVILLE 3 STATION
VICTORVILLE, CALIFORNIA, TO
LAS VEGAS, NEVADA

PREPARED FOR:
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

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

September 21, 2009
Project No. 206725003

September 21, 2009
Project No. 206725003

Mr. John Cook
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

Subject: Hazardous Materials Assessment
Proposed Desert Xpress Rail Line, Segment 4, Options C and D
Victorville 3 Station
Victorville, California, to Las Vegas, Nevada

Dear Mr. Cook:

In accordance with your authorization, Ninyo & Moore has completed a Hazardous Materials Assessment (HMA) along the proposed Desert Xpress rail corridor, for Segment 4, Options C and D and for the Victorville 3 Station, which is proposed to run between Victorville, California, and Las Vegas, Nevada. The report describes our findings, methodologies, and conclusions.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

Beth A. Padgett
Senior Staff Environmental Geologist

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

ZKM/BAP/JJR/sc/lr

Distribution: (1) Addressee (via FTP)

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Appendices

Appendix A – FirstSearch™ Environmental Database Reports
Appendix B – Photographic Documentation
Appendix C – Relevant Site Information

1. HAZARDOUS MATERIALS

CirclePoint authorized Ninyo & Moore to perform a Hazardous Materials Assessment (HMA) of portions of a proposed rail corridor (The Desert Xpress) between Victorville, California, and Las Vegas, Nevada and a proposed station location. The HMA was performed to evaluate, to the extent practical, Segment 4, Options C and D and the Victorville 3 Station (herein referred to collectively as "site" or "project") for the corridor where unauthorized releases of hazardous materials have occurred. This HMA addresses properties located along Interstate 15 (I-15), in Victorville, California, and near the California-Nevada border (site). The HMA has been performed in accordance with Proposal No. P-12868B, dated July 31, 2009. The field assessment portion of this HMA was performed during September 2009 according to the scope of work (SOW) agreed to by Ninyo & Moore and CirclePoint.

1.1. Scope of Work

The scope of this HMA included but was not limited to the following tasks:

- Project coordination and participation in client teleconferences necessary to comply with project requirements.

- Review of existing maps and reports of past assessments and corrective actions, if available, for the alignment and properties located in near proximity to the alignment. Review of readily available historical aerial photographs of the alignment and vicinity.

- A review of a computerized database search of readily available government environmental lists and databases for properties located adjacent to the proposed alignment and the proposed station.

- A drive-by reconnaissance of the project sites to visually evaluate areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, and possible risks of contamination from activities within and adjacent to the proposed alignment and proposed station.

- Sites with potential hazardous materials impacts to the project were screened. Hazardous materials issues associated with the operation of the rail line were also assessed and summarized. Findings are summarized in map and table form. Our findings regarding hazardous materials issues, as well as conclusions and recommendations for additional testing, are summarized in this report so that they may be incorporated into the Environmental Impact Statement (EIS) document.

1.2. Purpose

The purpose of this HMA was to evaluate the likelihood that hazardous materials may be present in soil or groundwater beneath the site as a result of on-site or off-site activities. For the most part, the site consists of freeway shoulders, freeway medians, and vacant high-desert land; the emphasis of our evaluation was primarily on off-site properties which adjoin the site. The likelihood of specific areas of the site being contaminated by hazardous materials was ranked as high, moderate, or low based on the following descriptions:

- **High** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a leaking underground storage tank (LUST) property where remediation had not been started or was not yet finished.

- **Moderate** – Property with potential or suspected contamination within the area of the project. Examples of properties in this category would be LUST properties in the vicinity of the site that are in final stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status, as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where underground storage tanks (USTs) are likely present, but that appeared to be abandoned by their former operators.

- **Low** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be active UST or dry cleaning facilities with no documented releases or properties that are not adjacent to the site and remediation of previous releases had been completed.

1.3. Limitations

This HMA has been prepared for use by CirclePoint. The information presented in this report is based on the project SOW (Section 1.1). Ninyo & Moore has relied on information provided by others in our description of historical conditions and our review of regulatory databases and files. However, Ninyo & Moore makes no warranties or guarantees regarding the accuracy or completeness of the information provided or compiled by others. Ninyo & Moore observed properties adjoining the proposed rail line and station location from public

R/W only in accordance with our SOW. In areas inaccessible by public R/W; an effort was made to observe features at a distance. Ninyo & Moore did not conduct interviews with individual property representatives.

No HMA can completely eliminate uncertainty regarding the potential for hazardous materials conditions in connection with a property. Performance of this HMA is intended to reduce, but not eliminate, uncertainty regarding the presence of hazardous materials conditions. The available data do not provide definitive information relative to past uses, operations, or incidents at the site or adjacent properties. The existence of site contamination that was not identified during this HMA, is possible and cannot be adequately assessed without additional research beyond the stated SOW. Further evaluation of these types of risks could include subsurface exploration, sampling, and/or other forms of testing.

In addition, some substances may be present within the proposed corridor and station area or in the vicinity in quantities below those categorized as actionable by current environmental regulations. Ninyo & Moore cannot be responsible if regulatory standards are changed in the future in a manner that renders the current site conditions actionable.

2. REGULATORY REQUIREMENTS AND METHODS OF EVALUATION

2.1. Regulatory Requirements

Hazardous materials and hazardous wastes are regulated by numerous state and federal laws. These include not only specific statutes governing hazardous waste but also a variety of laws regulating air and water quality, human health, and land use.

2.1.1. Federal Requirements

The primary federal laws regulating hazardous wastes/materials are the Resource Conservation and Recovery Act of 1976 (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The purpose of CERCLA, often referred to as Superfund, is to clean up contaminated sites so that pub-

lic health and welfare are not compromised. RCRA provides for "cradle to grave" regulation of hazardous wastes. Other federal laws include:

- Community Environmental Response Facilitation Act (CERFA) of 1992
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety & Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act (TSCA)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

In addition to the acts listed above, Executive Order 12088, Federal Compliance with Pollution Control, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

2.1.2. State Requirements

Worker health and safety and public safety are key issues when dealing with hazardous materials that may affect human health and the environment. Proper disposal of hazardous substances is vital if it is disturbed during project construction.

Hazardous waste management in California is regulated primarily under the authority of the California Health and Safety Code. Other California laws that affect hazardous waste are specific to handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning.

Hazardous waste management in Nevada is regulated primarily under the authority of the Nevada Division of Environmental Protection.

2.1.3. Regional and Local Requirements

The following is a description of the local agencies that may have oversight in the project area.

2.1.3.1. California State Fire Marshal's (CSFM) Office

The CSFM supports the mission of the California Department of Forestry and Fire Protection by focusing on fire prevention. CSFM provides support through a wide variety of fire safety responsibilities, including regulating buildings in which people live, congregate, or are confined; by controlling substances and products which may, in and of themselves, or by their misuse, cause injuries, death and destruction by fire; by providing statewide direction for fire prevention within wildland areas; by regulating hazardous liquid pipelines; by reviewing regulations and building standards; and by providing training and education in fire protection methods and responsibilities.

2.1.3.2. Mojave Desert Air Quality Management District (MDAQMD)

The California MDAQMD is the agency responsible for establishing criteria by which air quality in the project area is measured. For any particular locale, air quality is based on the amount of pollutants emitted and dispersed and the climatic conditions that may reduce or enhance the formation of pollutants. One of the MDAQMD's key tasks is to assure compliance with air quality rules and regulations and with state and federal air quality statues to achieve and sustain air quality standards throughout the Mojave Desert Air Basin in California.

2.1.3.3. San Bernardino County Fire Department, Hazardous Materials Division (SBCFD)

The SBCFD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and

use hazardous materials and generate hazardous wastes in San Bernardino County, California.

2.1.3.4. San Bernardino County Solid Waste Management Division (SBCSWMD)

The SBCSWMD has local regulatory oversight responsibility for active and closed landfills in San Bernardino County, California.

2.1.3.5. Regional Water Quality Control Board (RWQCB)

The Southern Lahontan Region Regional Water Quality Control Board (LRWQCB) also has oversight jurisdiction with regard to releases (primarily to groundwater) from USTs and other point and regional sources within their jurisdiction in California. The RWQCB issues National Pollutant Discharge Elimination System (NPDES) permits.

2.1.3.6. Nevada State Fire Marshal's (NSFM) Office

This NSFM is responsible for the permitting and regulating the storage, use, and transportation of hazardous materials within the state of Nevada. Additional services provided by the NSFM are hazardous materials inspections per the Nevada Revised Statutes (NRS) and Nevada Administrative Codes (NAC), regulation of hazardous liquid pipelines, and providing training and education in fire protection methods and responsibilities.

2.1.3.7. Nevada Department of Air Quality and Environment Management (DAQEM)

The Clark County, Nevada, DAQEM is responsible for monitoring the quality of the air throughout Clark County and ensuring that local entities and businesses are in compliance with air quality rules and regulations. In addition, DAQEM is re-

sponsible for the development of proper air quality control measures and educating the citizens of Clark County on good air quality habits.

The DAQEM is also tasked with monitoring the water quality in Clark County. As part of this responsibility, DAQEM has created a program that monitors municipal wastewater treatment, stormwater pollution prevention, groundwater management, and wellhead protection.

2.1.3.8. Clark County Fire Department (CCFD)

The CCFD is the local lead agency that maintains records and files regarding hazardous materials use and storage by individuals and business within Clark County.

2.1.3.9. Southern Nevada Health District, Environmental Health (SNHD)

The SNHD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and use hazardous materials and generate hazardous waste. In addition, the SNHD also has local regulatory oversight responsibility for active and closed landfills.

2.2. Methods of Evaluation of Impacts

The following section describes the methods used to identify areas of the site or properties adjoining the site where unauthorized releases of hazardous materials have occurred.

2.2.1. Environmental Database Review

Ninyo & Moore obtained and reviewed automated database search reports for each proposed segment/alternative. Ninyo & Moore subcontracted FirstSearch™ to perform an environmental records search of federal, state, and local files for properties located within the study areas. Single database reports were ordered for Segment 4, Options C and D and the proposed Victorville 3 Station.

The FirstSearch™ report also includes a list of "non-geocoded" properties that could not be mapped due to unknown or missing addresses or locations. Ninyo & Moore noted the properties that could be verified by site reconnaissance and aerial photograph review that fall within the $^1/_8$-mile corridor of interest. These properties have been included in our assessment of each alternative and are described within the text of each segment under the applicable database discussion. Non-geocoded properties not considered significant environmental concerns to the site and properties located beyond the boundaries of the corridors of interest and are not discussed. The FirstSearch™ reports are included as Appendix A.

Regulatory agency databases that were reviewed include:

- National Priorities List (NPL) of the United States Environmental Protection Agency (EPA)
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)
- Resource Conservation and Recovery Act (RCRA)
- Emergency Response Notification System (ERNS)
- California Environmental Protection Agency, Department of Toxic Substances Control, State Priority List (CAL-SITES)
- Nevada Environmental Protection Agency (NEV-STATE)
- Spills-1990 (California Only)
- Solid Waste Landfills (SWLs)
- Leaking Underground Storage Tank (LUST)
- Underground Storage Tanks (UST)

2.2.2. Aerial Photography

Ninyo & Moore reviewed aerial photography for both of the respective segment/options and station location. Aerial photographs have been collected for the continental United States since the 1920s, with variable coverage and frequency (generally based on an

area's importance to national defense). Aerial photographs offer an opportunity for direct observation of site conditions across a period of time. These observations may include the locations of tank pits, drums, pits, ponds, lagoons, stained/stressed vegetation, or other site development features that can indicate potential contaminant sources.

Aerial photographs of the Segment 4, Options C and D were reviewed from the previous HMA document (Ninyo & Moore, 2007). Aerial photographs of the Victorville 3 Station area were provided by Track Info Services, LLC. For this study, Ninyo & Moore reviewed aerial photographs taken in 1953, 1989, 1994, and 2002. The photographs reviewed varied in scale and clarity, and were taken from various altitudes. The Victorville 3 Station photographs are provided in Appendix C.

The aerial photograph review served to further evaluate information gained from other sources and, in some cases, served as the primary source of information. Information that was gathered from aerial photographs is summarized in Tables 1 and 2. The data are limited primarily to areas of potential concern as revealed by regulatory data or our site reconnaissance. Historical features of potential environmental concern noted, which were not revealed by current sources, are also described in the tables.

2.2.3. Site Reconnaissance

A site reconnaissance was conducted to provide us with site-specific, current information about the site that is not obtainable through an environmental database review or aerial photograph review. Ninyo & Moore performed a site reconnaissance of the project area on September 9, 2009. The reconnaissance included viewing of the subject sites and adjoining properties from public R/W. Photographs of the site are presented in Appendix B.

During the site reconnaissance, Ninyo & Moore personnel looked for several indicators of potential environmental impacts to the project including significant staining or degraded pavement, USTs, aboveground storage tanks (ASTs), storage of significant quantities of hazardous materials and wastes, groundwater monitoring wells and reme-

diation systems, dry cleaning facilities, transformers, pesticide use, industrial facilities, current or historic gasoline stations, distressed vegetation, and the presence of pits, ponds, or lagoons. The presence of features such as ASTs, USTs, or chemical storage areas alone is not cause necessarily to classify a property as Moderate or High with regard to risk.

In general, Segment 4, Options C and D, and the Victorville 3 Station were vacant undeveloped land. Because of the large project area and the scope of services for this HMA, a property would not be listed as a facility of concern during the site reconnaissance unless it was in the immediate vicinity of one of the study areas and there was obvious evidence of a subsurface assessment and/or contamination remediation such as an operating remediation system, or drums of soil cuttings from a subsurface investigation that were readily observable from public R/W.

The project will have a significant effect if there is exposure of the public and/or the environment to hazardous materials or petroleum compounds by project construction or operational activities. Construction activities could lead to exposure to contaminated soil or groundwater; the primary focus of the HMA is to identify properties affected by the proposed corridor where significant potential for such exposures is present. Operational activities, such as vehicle maintenance at the proposed maintenance facilities, present the potential for future releases of hazardous materials.

As described in Section 1.2, individual properties are classified as High, Moderate, or Low with regard to their potential to cause exposure to significant soil or groundwater contamination. The classification of each property was based on the type of operation (current or historical), proximity to the project alignments, hydrogeologic conditions, field observations, and regulatory information. The possible construction impacts and mitigation measures for each property, if classified as High or Moderate in the HMA, are discussed in this document.

In addition, we evaluated potential operational impacts related to use of hazardous materials at proposed maintenance facilities and elsewhere within the proposed corridor. Mitigation measures are identified for each significant impact identified.

3. AFFECTED ENVIRONMENT

The entire proposed Desert Xpress project includes several proposed linear corridors for the construction of a high-speed rail line between Victorville, California, and Las Vegas, Nevada. The corridors have been divided into six segments, some of which contain multiple alternatives. The overall length covered by the entire project comprises approximately 200 miles. The specific location of the proposed routes was obtained from maps provided by project applicant.

The project areas evaluated for this document are Segment 4, Options C and D, and the Victorville 3 Station. The general site locations are presented on Figures 1A and 1B.

3.1. Regional Environment

The proposed rail line is situated in the Mojave Desert portion of the Basin and Range province. The Basin and Range is characterized by a repeating pattern of north-south trending mountain ranges separated by fault-bound basins. The current morphology developed as basins dropped and ranges rose during regional extension. Many of the basins are quite deep and filled with thousands of feet of alluvium shed from the adjacent ranges. In general, the sediment size decreases gravels and sands to silts and clays with distance from the range.

Groundwater levels vary beneath the project area. Due to extensive faulting within the project area, localized regions with shallow perched groundwater may be present. According to a representative of the California Regional Water Quality Control Board (SWRCB) Lahontan Region, groundwater is encountered at depths of approximately 50 feet to over 400 feet below ground surface (bgs) in the project area. In addition, during storm events, the alluvial groundwater system can be as shallow as 10 feet bgs. Data from the SWRCB GeoTracker website for LUST facilities located in Victorville, Barstow and Baker, indicated that groundwater is generally encountered at 30 to 80 feet bgs. Groundwater levels in the project area

are shallower near rivers and streams. Depth to groundwater and groundwater flow directions can also be influenced by seasonal variations in precipitation and other factors, including local irrigation (golf courses, recreation areas, residences) and groundwater pumping and are, therefore, subject to variation. In general, groundwater flow direction often mimics topography.

3.2. Resources by Area of Investigation

The following sections provide a general overview of the resources associated with the segment/alternative and the Victorville 3 Station based on information obtained from the database search reports, aerial photography, and the site reconnaissance.

3.2.1. Segment 4, Options C and D (Mountain Pass, California, to Primm, Nevada)

Segment 4, Options C and D, extends from approximately 2 miles north of Bailey Road near Mountain Pass, California, to approximately 1 mile north of Primm, Nevada, north and west of the I-15 (Figure 2A). Adjoining properties to Segment 4, Options C and D, consist of primarily undeveloped vacant land and the I-15. Option C crosses underground fiber optic lines and parallels underground utility pipelines and aboveground electrical transmission lines between approximate stations 7700+00 to 7950+00. Current significant uses of hazardous materials were not observed.

3.2.2. Victorville 3 Station

The Victorville 3 Station is located southwest of the interchange of the I-15 and Dale Evans Parkway (Figure 2B). The area comprises approximately 165 acres and includes proposed station platforms and parking areas. Adjoining properties to the Victorville 3 Station consist of primarily undeveloped vacant land and the I-15. Current significant uses of hazardous materials were not observed.

4. ENVIRONMENTAL CONSEQUENCES

4.1. Regional Effects

4.1.1. Operational Period

Operational activities for the Desert Xpress will include such activities as train operations, track maintenance, and equipment maintenance. The operational impacts of these activities are confined to the rail R/W, stations, and maintenance yards. Ninyo & Moore understands that hazardous substance usage and storage will be confined to local maintenance yards. As such, no regional effect due to use and storage of hazardous materials is foreseen. Therefore, the potential for significant operational regional impacts related to hazardous materials is low.

4.1.2. Construction Period

Construction of the Desert Xpress may require the removal of buildings, structures, and paving materials to accommodate new construction. No buildings were noted within the Segment 4, Options C and D, or the Victorville 3 Station. Although none of these features were observed along the alignment of Segment 4, Options C and D, access was not available due to perimeter fencing, and prevented complete site viewing. Therefore, there is still a low likelihood of these features existing within the site. If encountered during construction, demolition activities of buildings may encounter lead-based paint (LBP) and asbestos-containing building materials (ACMs). These materials would have to be transported to a proper disposal facility.

4.2. Effects by Segment

The following sections provide a general overview of our findings for the segment and station locations based on information obtained from the database search reports, aerial photography, and site reconnaissance.

4.2.1. Segment 4, Options C and D (Mountain Pass, California, to Primm, Nevada)

Segment 4, Options C and D, connect to each other running north along the northwest side of I-15. Option D leaves the I-15 heading north and connects to Option C which turns east and heads to near the Nevada border where it turns north and follows the western R/W of I-15 and eventually crosses to the eastern R/W of the I-15. Based on the proximity of the two alternatives, the review for the two alternatives was combined.

4.2.1.1. Operational Period

There are no proposed facilities for Segment 4, Options C and D. Based on the lack of facilities in Segment 4, the potential for significant operational impacts related to hazardous materials is low.

4.2.1.2. Construction Period

Environmental Database Review

The site was not listed on the environmental database review. According to the report, one facility was listed within the vicinity of Segment 4, Options C and D. The Primm Valley Resort and Casino at 31900 South Las Vegas Boulevard, approximately 0.5-mile east of the northern portion of Option C, was listed on the leaking underground storage tank (LUST) database. The LUST information system is maintained by the Nevada Division of Environmental Protection. The report indicated that a gasoline release of approximately 25 gallons was reported in 2006, and effected soil only. The case received closure on July 20, 2007. Based on the distance, media effected, and closure status, this facility would not be considered an environmental concern.

One additional "non-geocoded" (unmapped) listing on the RCRA generators database was reviewed. The RCRA Generator database identifies facilities that generate hazardous waste as defined by RCRA. According to the information provided, Co-

loseum Mine at 1000 Coloseum Mine Road, located just north and south of the southern portion of Option D, and is a small quantity generator with no violations reported. Based on this information, this facility would not be considered an environmental concern to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 4, Options C and D:

Table 1 – Aerial Photographs, Segment 4, Options C and D

Aerial Photograph Date	Mountain Pass to Primm
1950-1999	Resolution in these photos was poor, and therefore, evidence of significant development was not apparent. A dirt access road along suspected utility pipelines was observed.
2006	Primarily undeveloped land with the exception of I-15 and infrequent overpasses and interchanges.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site. Aerial photograph information for this Segment and other Options, was reviewed from the previous report (Ninyo & Moore, 2007).

Site Reconnaissance

A well with a designated pump was observed in the vicinity of Segment 4, Option C (Figure 2A). Ninyo & Moore reviewed the SWRCB's GeoTracker website for wells related to potential releases in the area. No wells were observed in the area. The well appeared to be used for agricultural purposes. High voltage overhead power lines were also observed in the vicinity of Segment 4, Option D. Warning monuments for underground fiber optic cables and natural gas lines were observed on the site and in the vicinity. Although these items do not pose an environmental concern to the site, they may interfere with construction. Adjoining properties along

Segment 4, Options C and D, include primarily vacant undeveloped land and the I-15 and associated interchanges, further south and east of the site.

The Molycorp Sand Company was observed north and west of Segment 4, Option D. This facility was not listed on the environmental database report.

Ninyo & Moore reviewed the SWRCB GeoTracker website. Based on information provided by GeoTracker, several facilities located near Bailey Road, in the vicinity of the southern portion of Segment 4, Option D, were listed as landfills, tailings, and evaporation ponds. These are assumed to be related to mining activities in the area. The map provided does not specify the exact location of Option D in this area, and the alignment may pass within close proximity to these features.

The northern portions of Segment 4, Option C, and the southern portion of Segment 4, Option D, are located within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with aerially deposited lead (ADL).

Previously Ninyo & Moore observed one property of environmental concern noted adjacent to Segment 4, Alternative A. An abandoned building, possibly a former gas station, was located adjacent to the site at Yates Well Road in Nipton, California located 5 miles east of the site. This facility is located approximately 5-miles east of the proposed Options C and D alignments, and would not be considered an environmental concern. No properties of environmental concern to the site were noted during the site reconnaissance.

Provided Documents for Review

Ninyo & Moore was provided a Phase I Environmental Site Assessment (ESA) for review (CH2MHILL, 2007). The report was for the Ivanpah Solar Electric Generating System, and according to the figures, is located south and east of the proposed Segment 4, Option C. This Phase I ESA did not reveal any recognized environ-

mental conditions related to the properties. The figure did indicate gas transmission line in the vicinity of Segment 4, Option C. This was also observed during Ninyo & Moore's site reconnaissance.

4.2.2. Victorville 3 Station

The Victorville 3 Station proposed location is southwest of the I-15 and Dale Evans Parkway interchange.

4.2.2.1. Operational Period

The proposed facilities for the Victorville 3 Station include station platforms and parking areas. Based on our understanding of these proposed facilities, we do not anticipate the use or storage of significant quantities of hazardous materials at these facilities. Therefore, the potential for significant operational impacts related to hazardous materials is low.

4.2.2.2. Construction Period

Environmental Database Review

A review of federal and state database listings for the Victorville 3 Station indicated that two facilities are listed on the State Permits database. The State Permits database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations.

The database indicated that Lowe's of San Francisco, located at 15000 Dale Evans Parkway, Apple Valley, California, approximately miles 6 miles south of the site, has an active permit related to the Department of Toxic Substances Control (DTSC) hazardous waste tracking system (HWTS). The database also listed E.L. Yeager I-15 project yard, located at I-15 Freeway at Dale Evans in Apple Valley, California as having an inactive county of San Bernardino hazardous waste special generator permit. No indications of the E.L. Yeager yard were observed during the site visit.

Due to the status of these facilities and the proximity to the site, these facilities are not considered environmental concerns to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Victorville 3 Station:

Table 2 – Aerial Photographs, Victorville 3 Station

Aerial Photograph Date	Victorville 3 Station
1953	Resolution in this photo was poor, and therefore evidence of significant development was not apparent.
1989-2002	Primarily undeveloped land and sparse dirt roads, with the exception of the Dale Evans Parkway interchange and overhead power lines were visible.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

A small pile of debris, including PVC pipe, wood, concrete, and exhaust manifolds, was observed in the central portion site (Figure 2B). This debris should be removed and transported to an appropriate off-site facility, prior to construction. High voltage overhead power lines were observed in the area of the proposed Victorville 3 Station. Although these items do not pose an environmental concern to the site, they may interfere with construction. No evidence of releases or environmental concerns was noted within the proposed Victorville 3 Station area.

Adjoining properties around the Victorville 3 Station include the I-15, Dale Evans Parkway interchanges, and primarily vacant undeveloped land.

The Victorville 3 Station is located within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

No other properties of environmental concern to the site were noted during the site reconnaissance.

Provided Documents for Review

Documents were not provided for review regarding the proposed Victorville 3 Station.

5. MITIGATION MEASURES

5.1. Operational Impacts

- **OI-1** – Rail base operational activities, such as vehicle maintenance, would have the potential for future releases of hazardous materials.

5.2. Operational Mitigation Measures

- **OMM-1** – Desert Xpress facilities that use, store, or dispose of hazardous materials will, in accordance with state and local regulations, submit a Hazardous Materials Management Plan to the relevant local agency (fire department or health department) and be subject to inspections by that local agency to assure compliance with the plan and to evaluate possible hazardous materials releases. Facilities emitting toxic air emissions will submit inventories and plans to the appropriate air quality management district and be subject to permitting and monitoring regulations of the district. Desert Xpress facilities installing and operating chemical storage tanks will install and operate tanks under permit to the local agency regulating the operation of ASTs and USTs.

5.3. Construction Impacts

- **CI-1** – Demolition of structures, if encountered during site construction, may result in the exposure of the public and/or the environment to LBP and/or ACMs.

- **CI-2** – Construction activities may encounter previously unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-3** – Construction activities, including demolition, may encounter or generate hazardous or solid wastes and debris and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-4** – Construction activities may result in exposure of the public and/or the environment to contaminated soil and/or contaminated groundwater at properties unidentified as properties of potential environmental concern. Based on our understanding of the proposed construction, there is a low likelihood that construction will disturb groundwater.

- **CI-5** – Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

- **CI-6** – Construction activities at the proposed Segment 4, Options C and D and at the proposed Victorville 3 Station may encounter overhead power lines and underground utilities.

- **CI**-7 – Construction activities may encounter wastes associated with landfills, tailings, and evaporation ponds, associated with mining activities in the southern area of the proposed Segment 4, Option D.

5.4. Construction Mitigation Measures:

- **CMM-1** – Prior to construction activities, project applicant or the contractors should conduct an evaluation of all buildings if to be encountered during site construction and to be demolished, to determine the presence of ACMs and LBP. Remediation should be implemented in accordance with the recommendations of these evaluations.

- **CMM-2** – Project applicant or its contractors will prepare a hazardous materials contingency plan addressing the potential for discovery of unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan will address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

- **CMM-3** – Construction contractors will dispose of all hazardous or solid wastes and debris encountered or generated during construction and demolition activities in accordance with all federal, state, and local laws and regulations.

- **CMM-4** – Project applicant or its contractor will prepare a soil monitoring plan prior to construction and will implement it during all phases of construction. Disturbed soils will be monitored for visual evidence of contamination (e.g., staining or discoloration). Soil will 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 will be implemented and will 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 will be developed and in place during all construction activities. In the unlikely event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/NPDES process, the groundwater will be profiled, manifested, hauled, and disposed of in the same manner.

Alternatively, preparation of a Phase II ESA will be prepared. In general, the Phase II ESA includes the following:

- A work plan that includes the numbers and locations of proposed soil borings/monitoring wells, sampling intervals, drilling and sampling methods, analytical methods, sampling rationale, site geohydrology, field screening methods, quality control/quality assurance, and reporting methods. Where appropriate, the work plan is approved by a regulatory agency such as the San Bernardino County Fire Department.

- A site-specific Health and Safety Plan (HSP) signed by a Certified Industrial Hygienist.

- Necessary permits for encroachment, boring completion, and well installation.

- A traffic safety plan.

- Sampling program (fieldwork) in accordance with the work plan and HSP. Fieldwork shall be completed under the supervision of a State of California professional geologist.

- Hazardous materials testing through a state-certified laboratory.

- Documentation including a description of field procedures, boring logs/well construction diagrams, tabulations of analytical results, cross-sections, an evaluation of the levels and extent of contaminants found, and conclusions and recommendations regarding the environmental condition of the site and the need for further assessment. Recommendations may include additional assessment or handling of the contaminants found though the contaminated soil contingency plan. If the contaminated soil contingency plan is inadequate for the contamination found, a remedial action plan will be developed. Contaminated groundwater will generally be handled though the NPDES/dewatering process.

- Disposal process including transport by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the identified type of waste.

Project applicant or its contractors will obtain a NPDES permit. In areas of suspected contaminated groundwater, special conditions will apply with regard to acquisition of the NPDES permit, including testing and monitoring, as well as discharge limitations under the NPDES permits.

- **CMM-5** – Unpaved soil along the I-15 within the project boundaries should be investigated for the presence of aerially deposited lead. This assessment should be completed during the design phase or as described under CMM-4 (Phase II ESA).

- **CMM-6** – Construction plans should clearly identify all overhead power lines and underground utilities. The plans should indicate that the contractor will protect in-place power lines and utilities.

- **CMM**-7 – Prior to design phase, location of the southern area of Segment 4, Option D, should be evaluated relative to the existing mining facilities and activities.

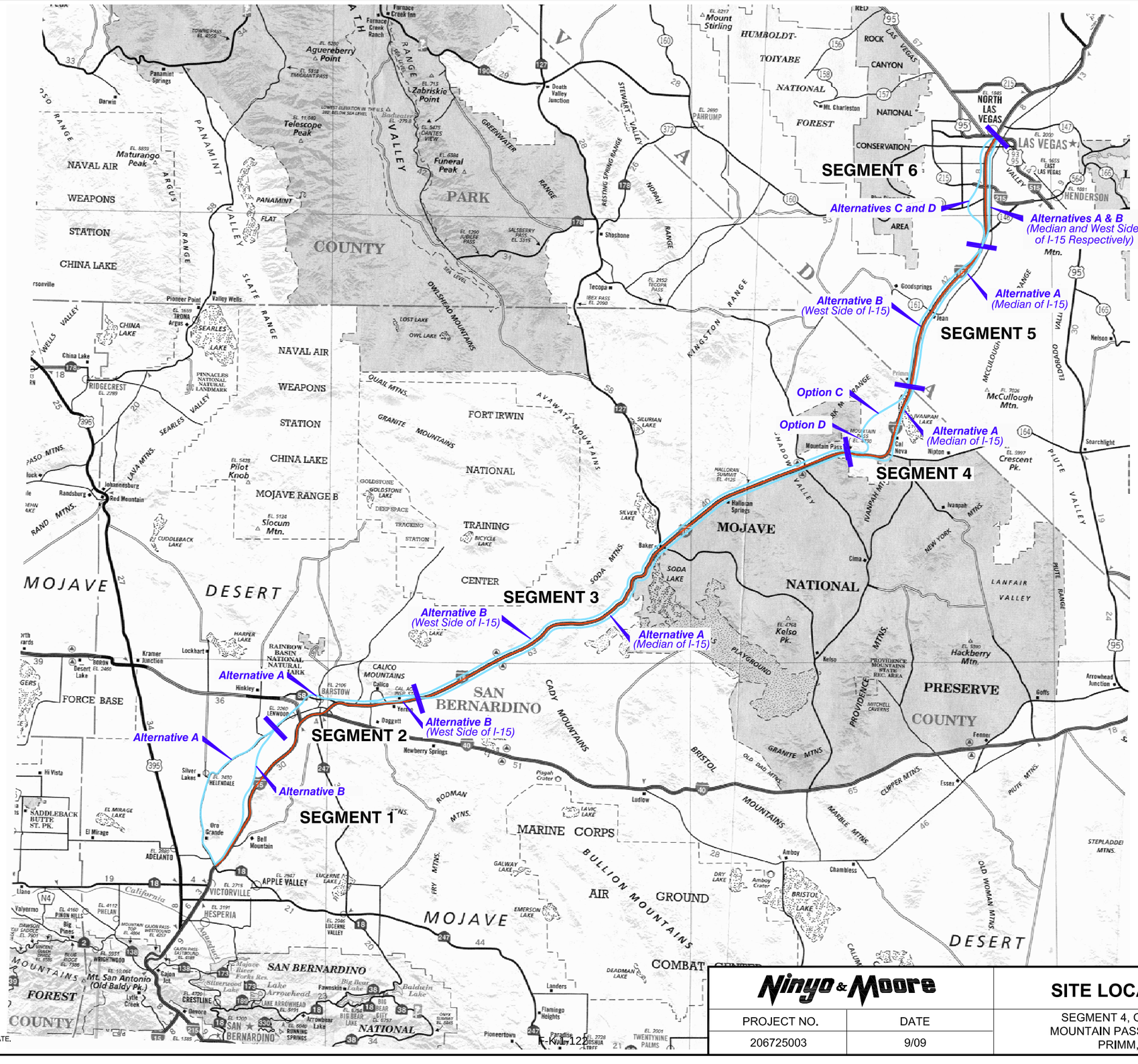
6. REFERENCES

CH3MHILL, 2007, Phase I ESA Report, Ivanpah Solar Electric Generating System, San Bernardino County, California, dated August.

Environmental FirstSearch™ Report, 2009, Jean NV 89019, dated September 14.

Environmental FirstSearch™ Report, 2009, 20500 Dale Evans Pkwy, Apple Valley, California, 92307, dated September 14.

Ninyo & Moore, 2007, Hazardous Materials Assessment, Proposed Desert Xpress Corridor, Victorville, California, to Las Vegas, Nevada, dated March 23.


SEGMENT 6
Alternatives C and D
Alternatives A & B
(Median and West Side of I-15 Respectively)
Alternative B
(West Side of I-15)
Alternative A
(Median of I-15)
SEGMENT 5
Option C
Option D
Alternative A
(Median of I-15)
SEGMENT 4
Alternative B
(West Side of I-15)
Alternative A
(Median of I-15)
SEGMENT 3
Alternative A
Alternative B
(West Side of I-15)
SEGMENT 2
Alternative A
Alternative B
SEGMENT 1
NAVAL AIR WEAPONS STATION CHINA LAKE
MOJAVE DESERT
FORT IRWIN NATIONAL TRAINING CENTER
MOJAVE NATIONAL PRESERVE
MARINE CORPS AIR GROUND COMBAT CENTER
SAN BERNARDINO COUNTY
INYO COUNTY
NORTH LAS VEGAS
LAS VEGAS
HENDERSON
Mt. San Antonio (Old Baldy Pk.)
Death Valley Junction
Shoshone
Tecopa
Baker
Barstow
Ludlow
Amboy
Needles
Primm
Nipton
Mountain Pass
Cal Nova
Goodsprings
Jean
Searchlight
Nelson
Pioneertown
Yermo
Daggett
Newberry Springs
Hinkley
Lenwood
Lockhart
Kramer Junction
Randsburg
Johannesburg
Red Mountain
Ridgecrest
Trona
Pioneer Point
Valley Wells
Panamint Springs
Darwin
Furnace Creek
Furnace Creek Ranch
Stovepipe Wells
Panamint Valley
Death Valley
Panamint Range
Argus Range
Slate Range
Owlshead Mountains
Quail Mtns.
Granite Mountains
Avawatz Mountains
Soda Mtns.
Cady Mountains
Bristol Mountains
Kingston Range
Resting Spring Range
Nopah Range
Spring Mountains
Sheep Range
Las Vegas Range
Muddy Mountains
Virgin Mountains
Eldorado Mountains
McCullough Mtn.
Clipper Mtns.
Marble Mtns.
Old Woman Mtns.
Piute Range
Piute Valley
Lanfair Valley
Ivanpah Valley
Shadow Valley
Searles Valley
Fremont Valley
Antelope Valley
Coyote Lake
Harper Lake
Silver Lake
Soda Lake
Bristol Lake
Cuddeback Lake
Rainbow Basin National Natural Landmark
Pinnacles National Natural Landmark
Mojave River Forks Reg.
Lake Arrowhead
Silverwood Lake
Big Bear Lake
Baldwin Lake
Lake Havasu
Mitchell Caverns
Providence Mountains State Rec. Area
Kelso Dunes
Kelso
Cima
Essex
Fenner
Goffs
Arrowhead Junction
Twentynine Palms
Joshua Tree
Yucca Valley
Hesperia
Victorville
Apple Valley
Lucerne Valley
Silver Lakes
Helendale
Barstow
Calico
Calico Mountains
Daggett
Yermo
Hinkley
Lenwood
Newberry Springs
Ludlow
Amboy
Chambless
Bristol Lake
Cadiz
Danby
Rice
Essex
Fenner
Goffs
Arrowhead Junction
Searchlight
Nelson
Jean
Goodsprings
Primm
Nipton
Mountain Pass
Cal Nova
Ivanpah
Hallorans Springs
Flamingo Heights
Landers
Yucca Valley
Twentynine Palms
Joshua Tree
Pioneertown
Lucerne Valley
Victorville
Apple Valley
Hesperia
Silver Lakes
Helendale
Oro Grande
Bell Mountain
Adelanto
El Mirage
Hi Vista
Saddleback Butte St. Pk.
Lancaster
Palmdale
Rosamond
Edwards
Boron
Desert Lake
Kramer Junction
Lockhart
Harper Lake
Rainbow Basin National Natural Landmark
Cuddeback Lake
Searles Lake
China Lake
Ridgecrest
Trona
Pioneer Point
Valley Wells
Panamint Springs
Darwin
Furnace Creek
Furnace Creek Ranch
Stovepipe Wells
Death Valley Junction
Shoshone
Tecopa
Baker
Barstow
Ludlow
Amboy
Needles
Primm
Nipton
Mountain Pass
Cal Nova
Goodsprings
Jean
Searchlight
Nelson
Pioneertown
Yermo
Daggett
Newberry Springs
Hinkley
Lenwood
Lockhart
Kramer Junction
Randsburg
Johannesburg
Red Mountain
Ridgecrest
Trona
Pioneer Point
Valley Wells
Panamint Springs
Darwin
Furnace Creek
Furnace Creek Ranch
Stovepipe Wells
Panamint Valley
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Owlshead Mountains
Quail Mtns.
Granite Mountains
Avawatz Mountains
Soda Mtns.
Cady Mountains
Bristol Mountains
Kingston Range
Resting Spring Range
Nopah Range
Spring Mountains
Sheep Range
Las Vegas Range
Muddy Mountains
Virgin Mountains
Eldorado Mountains
McCullough Mtn.
Clipper Mtns.
Marble Mtns.
Old Woman Mtns.
Piute Range
Piute Valley
Lanfair Valley
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Searles Valley
Fremont Valley
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Coyote Lake
Harper Lake
Silver Lake
Soda Lake
Bristol Lake
Cuddeback Lake
Rainbow Basin National Natural Landmark
Pinnacles National Natural Landmark
Mojave River Forks Reg.
Lake Arrowhead
Silverwood Lake
Big Bear Lake
Baldwin Lake
Lake Havasu
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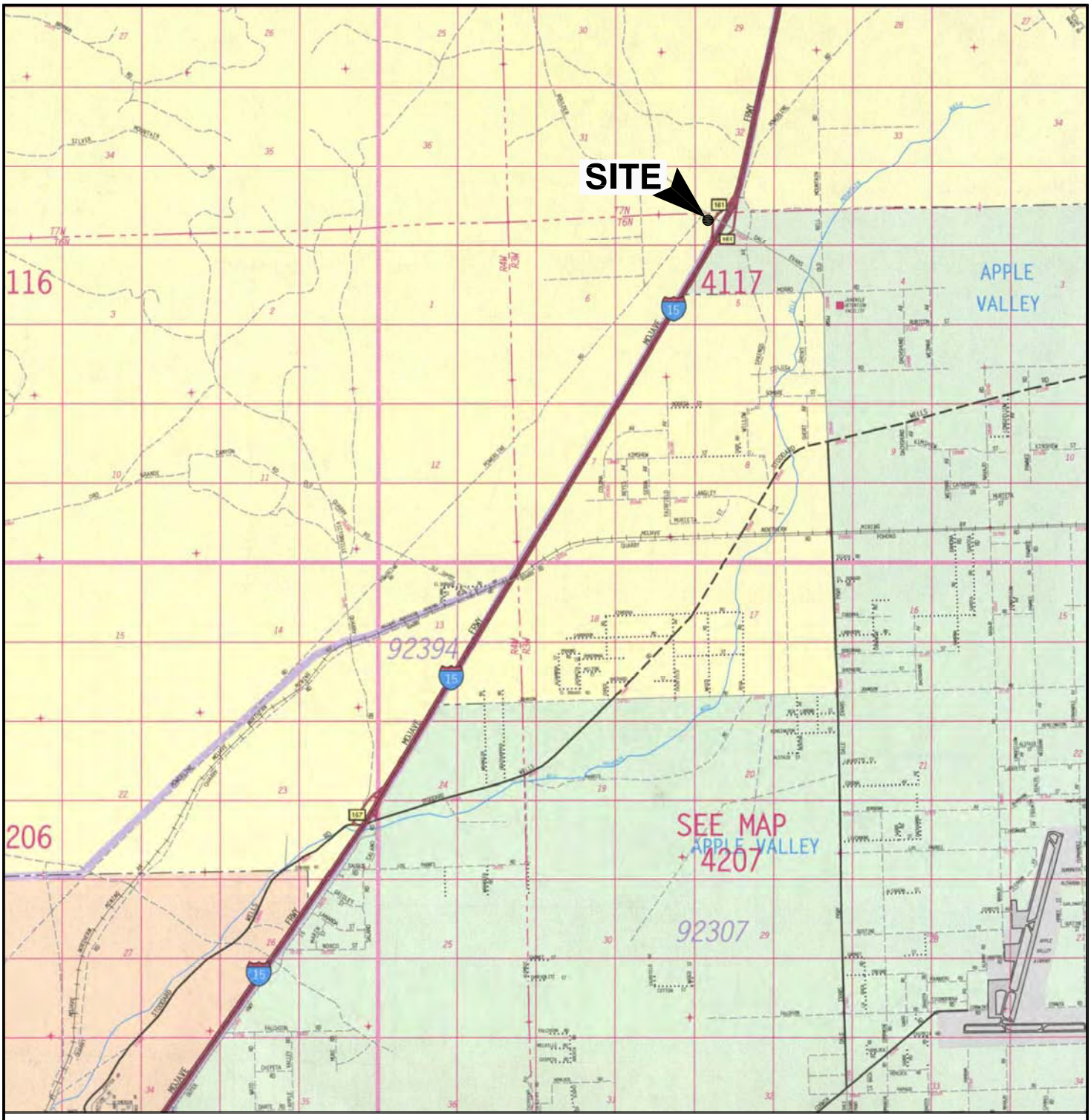
Providence Mountains State Rec. Area
Kelso Dunes
Kelso
Cima
Essex
Fenner
Goffs
Arrowhead Junction
Twentynine Palms
Joshua Tree
Yucca Valley
Hesperia
Victorville
Apple Valley
Lucerne Valley



206725_A1.DWG

REFERENCE: 2007 THOMAS GUIDE FOR SAN BERNARDINO AND RIVERSIDE COUNTIES, STREET GUIDE AND DIRECTORY

APPROXIMATE SCALE IN FEET

0 4800 9600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Map © Rand McNally, R.L.07-S-129

N

Ninyo & Moore

SITE LOCATION MAP

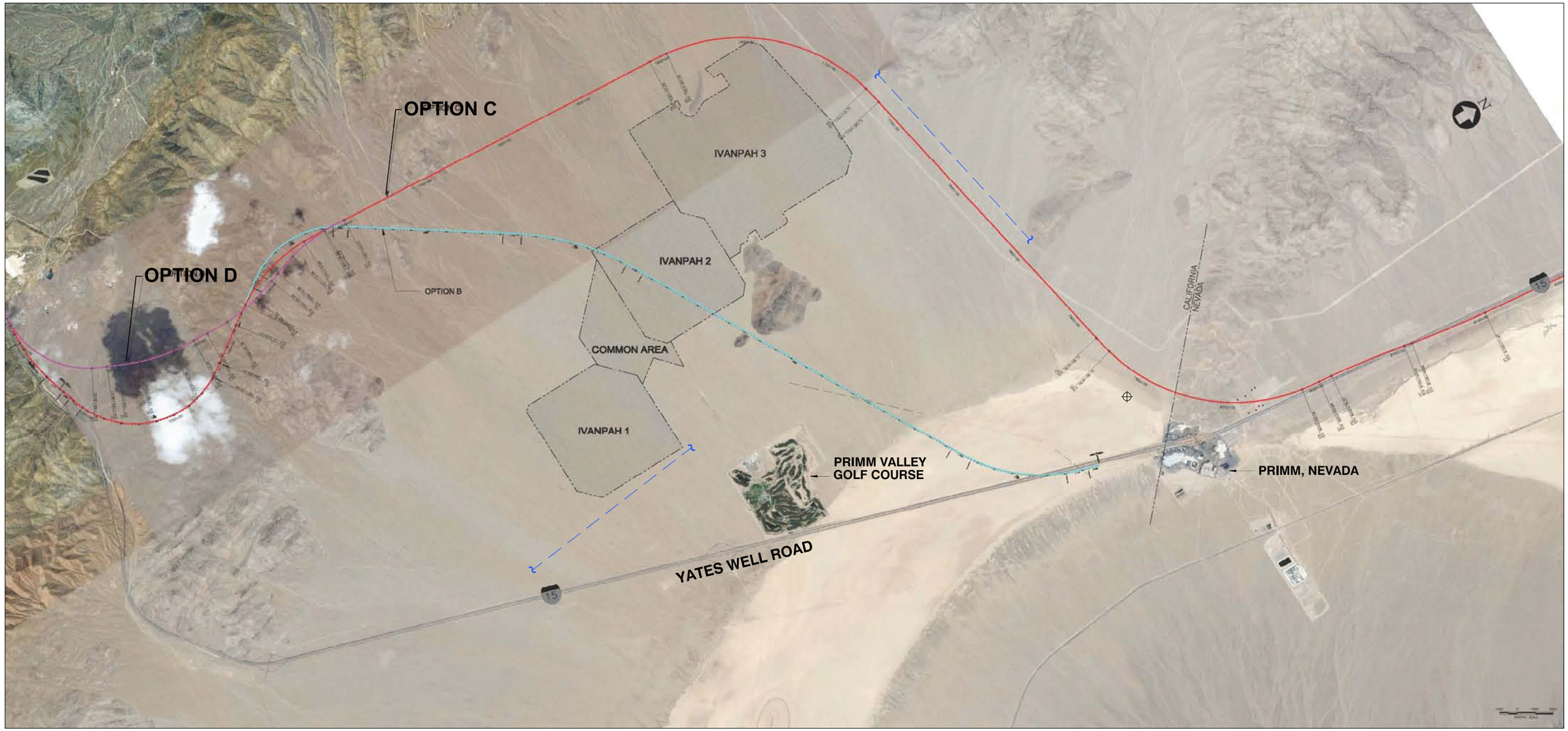
FIGURE

1B

PROJECT NO.	DATE
206725003	9/09

VICTORVILLE 3 STATION
APPLE VALLEY, CALIFORNIA

F-K.1-123



REFERENCE: EKN ENGINEERING, UNDATED.

LEGEND

— — — — — —	APPROXIMATE WELL LOCATION OF BURIED UTILITY LINES
⊕	APPROXIMATE WELL LOCATION

N

APPROXIMATE SCALE IN FEET

0 6,000 12,000

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206725_B2.DWG

F-K.1-124

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	SEGMENT 4, OPTION C AND D MOUNTAIN PASS, CALIFORNIA TO PRIMM, NEVADA	2A
206725003	9/09		

REFERENCE: EKN ENGINEERING, UNDATED.

LEGEND	
	DEBRIS PILE

APPROXIMATE SCALE IN FEET

0 1,200 2,400

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

F-K.1-125

206725_B3.DWG

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	VICTORVILLE 3 STATION APPLE VALLEY, CALIFORNIA	2B
206725003	9/09		

APPENDIX A

FIRSTSEARCH™ ENVIRONMENTAL DATABASE REPORTS

TRACK ➤ INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

JEAN NV 89019

Job Number: 206725003

PREPARED FOR:

Ninyo & Moore

475 Goodard

Irvine, CA 92618

09-14-09

Tel: (866) 664-9981 *Fax: (818) 249-4227*

Environmental FirstSearch is a registered trademark of FirstSearch Technology Corporation. All rights reserved.

Environmental FirstSearch
Search Summary Report

Target Site:

JEAN NV 89019

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	07-28-09	0.50	0	0	0	0	-	0	0
NFRAP	Y	07-28-09	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-14-09	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	07-14-09	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	07-14-09	0.25	0	0	0	-	-	1	1
RCRA NLR	Y	05-13-09	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	0	0
ERNS	Y	06-16-09	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	04-06-09	1.00	0	0	0	0	0	0	0
State/Tribal SWL	Y	06-27-02	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-06-09	0.50	0	0	0	1	-	0	1
State/Tribal UST/AST	Y	04-03-09	0.25	0	0	0	-	-	0	0
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	04-06-09	0.50	0	0	0	0	-	0	0
State Other	Y	03-01-09	0.25	0	0	0	-	-	0	0
- TOTALS -				0	0	0	1	0	1	2

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:	09-14-09	**Search Type:**	LINEAR
Requestor Name:	beth padgett		15.14 mile(s)
Standard:	ASTM-05	**Job Number:**	206725003
		Filtered Report	

Target Site:

JEAN NV 89019

Demographics

Sites:	2	**Non-Geocoded:**	1	**Population:**	NA
Radon:	NA				

Site Location

	Degrees (Decimal)	**Degrees (Min/Sec)**		**UTMs**
Longitude:	-115.444649	-115:26:41	**Easting:**	640994.802
Latitude:	35.542175	35:32:32	**Northing:**	3934084.351
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.25 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92364	NIPTON	CA	0.00 --	Y

Services:

	Requested?	Date
Sanborns	No	
Aerial Photographs	Yes	09-14-09
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: JEAN NV 89019

JOB: 206725003

TOTAL: 2 **GEOCODED:** 1 **NON GEOCODED:** 1 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	1	LUST	PRIMM VALLEY RESORT AND CASINO, TR 8-002090/CLOSED	31900 SOUTH LAS VEGAS BOULE Primm NV 89019	0.30 SE	1

Environmental FirstSearch
Sites Summary Report

Target Property: JEAN NV 89019

JOB: 206725003

TOTAL: 2 **GEOCODED:** 1 **NON GEOCODED:** 1 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
2	2	RCRAGN	COLOSSEUM MINE CAD982459968/SGN	1000 COLOSEUM MINE RD CLARK CLARK MOUNTAIN CA 92364	NON GC	

Environmental FirstSearch
Site Detail Report

Target Property: JEAN NV 89019

JOB: 206725003

LUST

SEARCH ID: 1 **DIST/DIR:** 0.30 SE **MAP ID:** 1

NAME:	PRIMM VALLEY RESORT AND CASINO, TRAVEL CENTER	**REV:**	04/04/07
ADDRESS:	31900 SOUTH LAS VEGAS BOULEVARD	**ID1:**	8-002090
	PRIMM NV 89019	**ID2:**	
	Clark	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

RELEASE INFORMATION

Date Release Reported to NDEP:	*07/31/2006*
Type of Event:	*Closed*
Type of Media Impacted:	*Soil*
Substance Released:	*Gasoline, 25 gallon surface spill effecting the soil.*

CLOSED CASE INFORMATION

Closure Date:	*07/20/2007*
Closure Type:	*NAC 445A A-K*

AGENCY TRACKING INFORMATION

Program:	*Mobile Source*
NDEP Case Officer:	*jdotchin*
Location of Paper File:	*NDEP: Las Vegas*

Environmental FirstSearch
Site Detail Report

Target Property: JEAN NV 89019

JOB: 206725003

RCRAGN

SEARCH ID: 2 **DIST/DIR:** NON GC **MAP ID:**

NAME:	COLOSSEUM MINE	**REV:**	7/14/09
ADDRESS:	1000 COLOSEUM MINE RD CLARK MT	**ID1:**	CAD982459968
	BAKER CA 92364	**ID2:**	
	SAN BERNARDINO	**STATUS:**	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
1000 COLOSSEUM MINE RD
CLARK MOUNTAIN CA 92364

PHONE: 7023673883

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

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: ***NV DOC*** CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

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/Tribal SWL: ***NV DOC*** SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

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 LUST: ***NV DOC*** LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed.
WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed or needing emergency action.

State/Tribal UST/AST: ***NV DOC/EPA 9*** UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.
INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.
ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.
Please Note: AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number islocated in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

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 UNDEGROUND 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; therefor, 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.

State/Tribal Brownfields: ***NV DOC/EPA*** BROWNFIELDS SITES- The Bureau of Corrective Actions maintains a list of brownfield sites as part of its listing of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. The NDEP defines a brownfield as an abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination.
Brownfields Management System (BMS) is an analytical 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.

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 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.

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:
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.
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.

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: JEAN NV 89019

JOB: 206725003

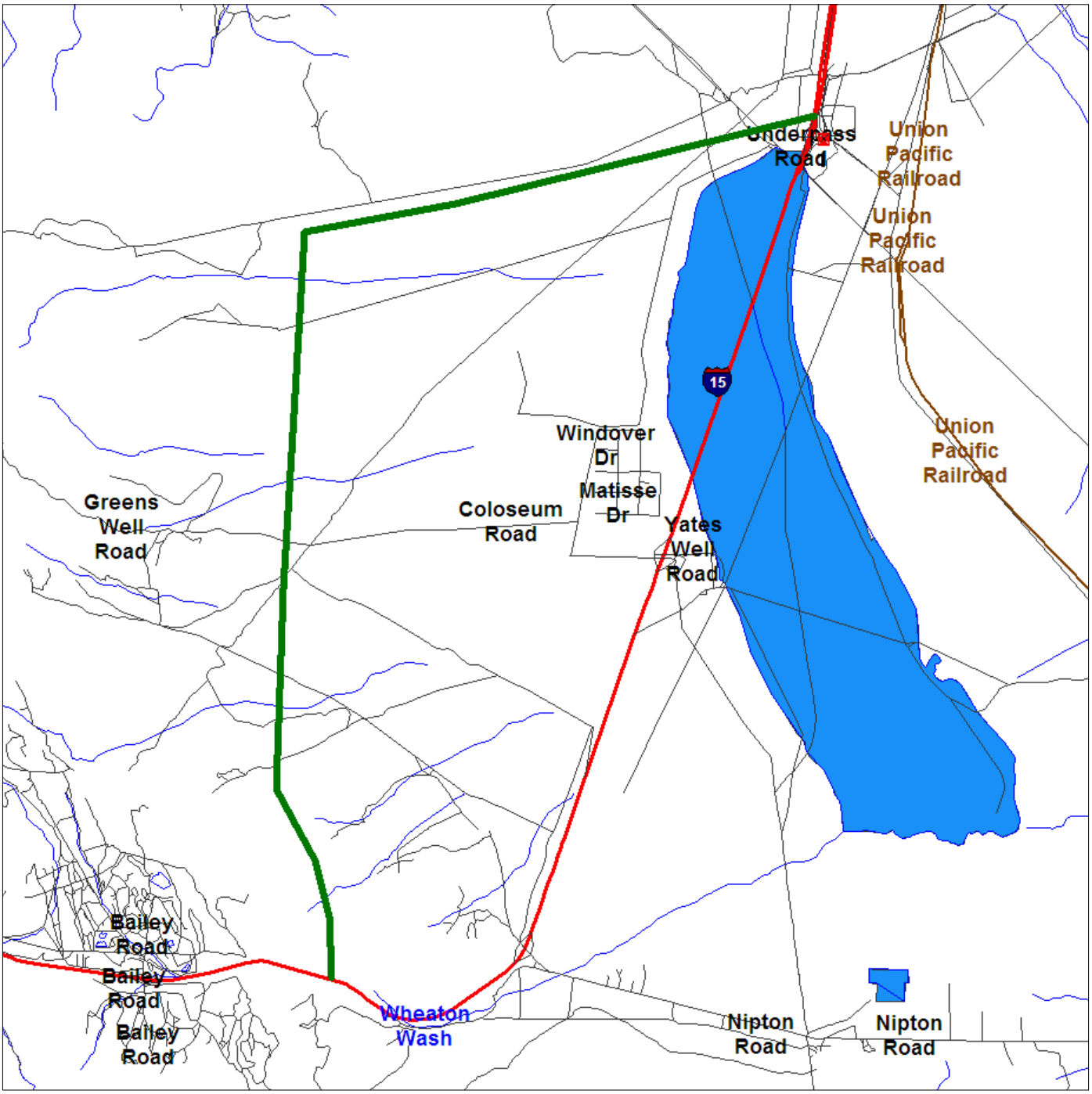
Street Name	Dist/Dir	Street Name	Dist/Dir
Buffalo Mtn Rd	0.06 SE		
Coloseum Rd	0.00 --		
E Primm Blvd	0.24 SE		
I-15	0.00 --		
S Las Vegas Blvd	0.06 SE		
State Route 604	0.00 --		
W Primm Blvd	0.22 SE		

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

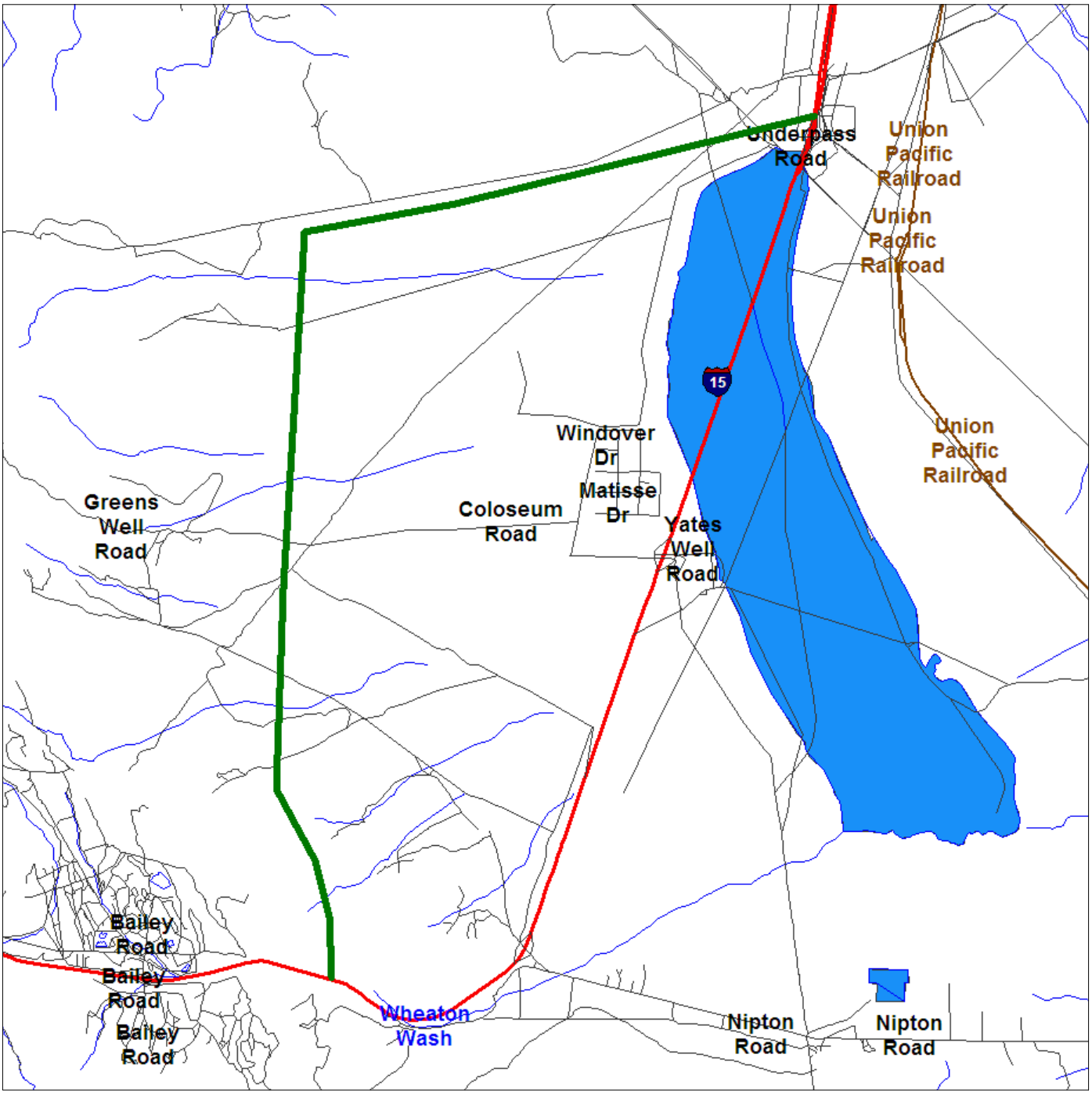
Railroads .....

Environmental FirstSearch

1 Mile Radius from Line

ASTM-05: NPL, RCRACOR, STATE

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

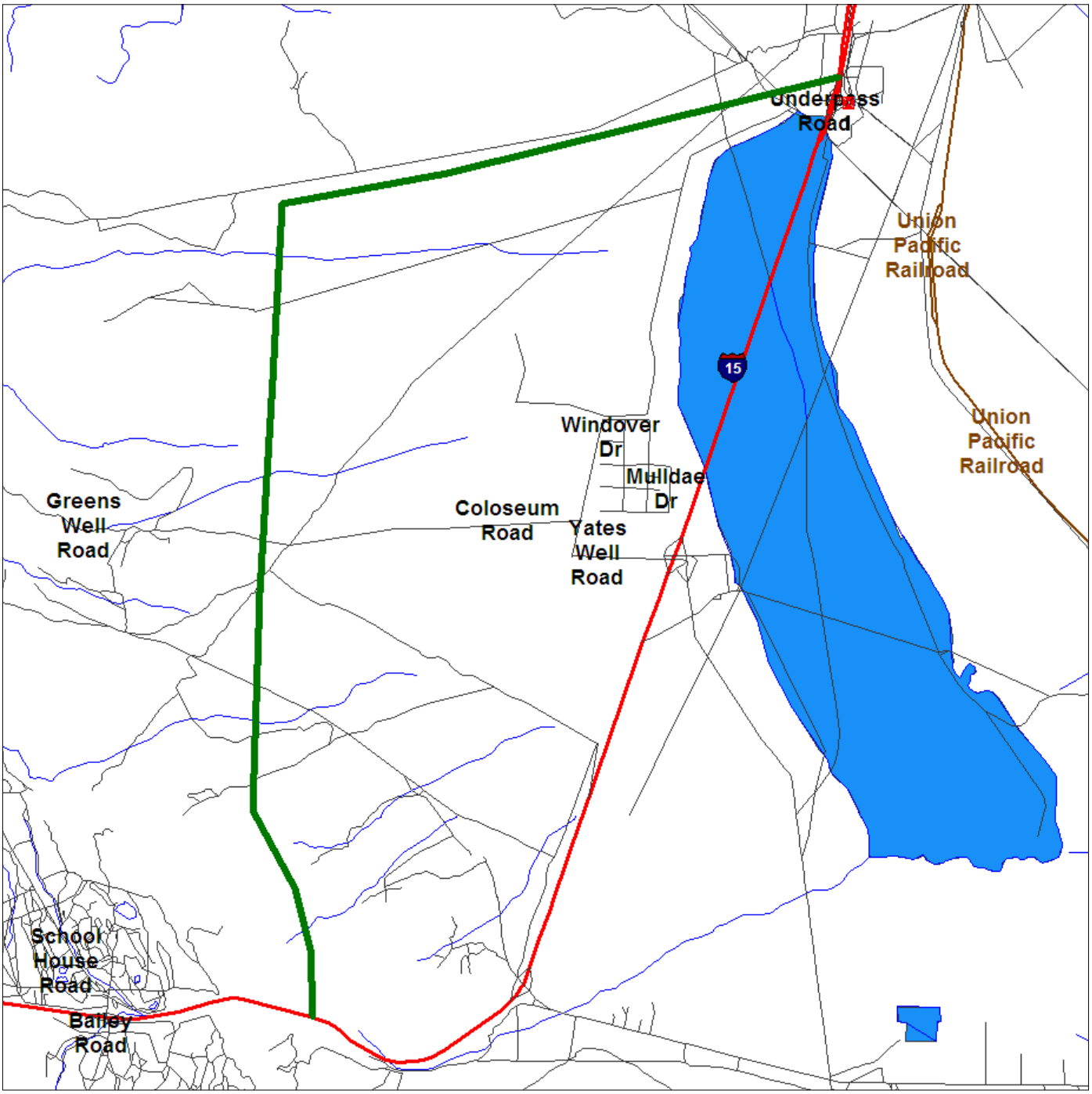
Railroads .....

Environmental FirstSearch

.5 Mile Radius from Line

ASTM-05: Multiple Databases

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

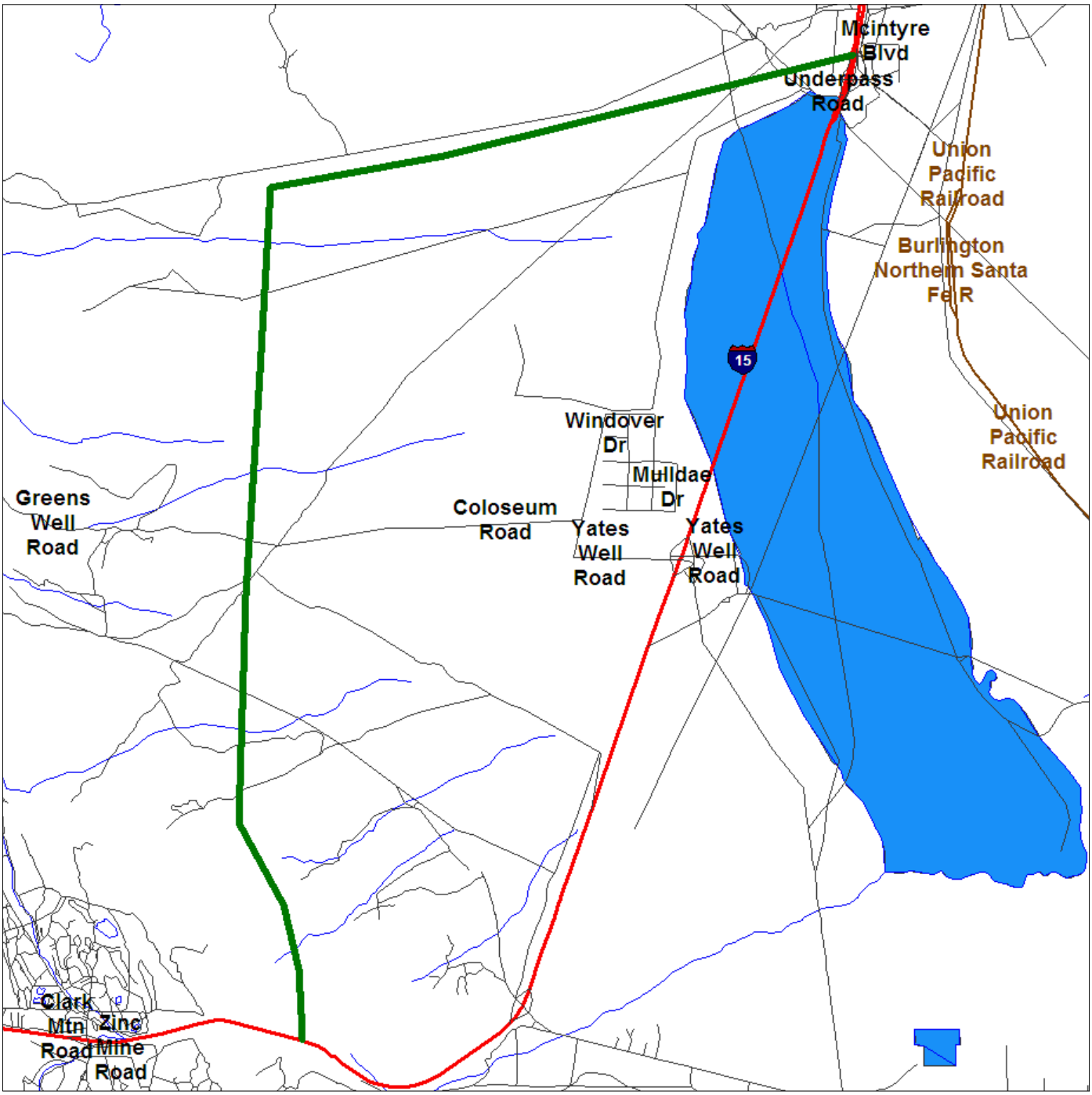
Railroads .....

Environmental FirstSearch

.25 Mile Radius from Line

ASTM-05: RCRAGEN, UST, OTHER

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

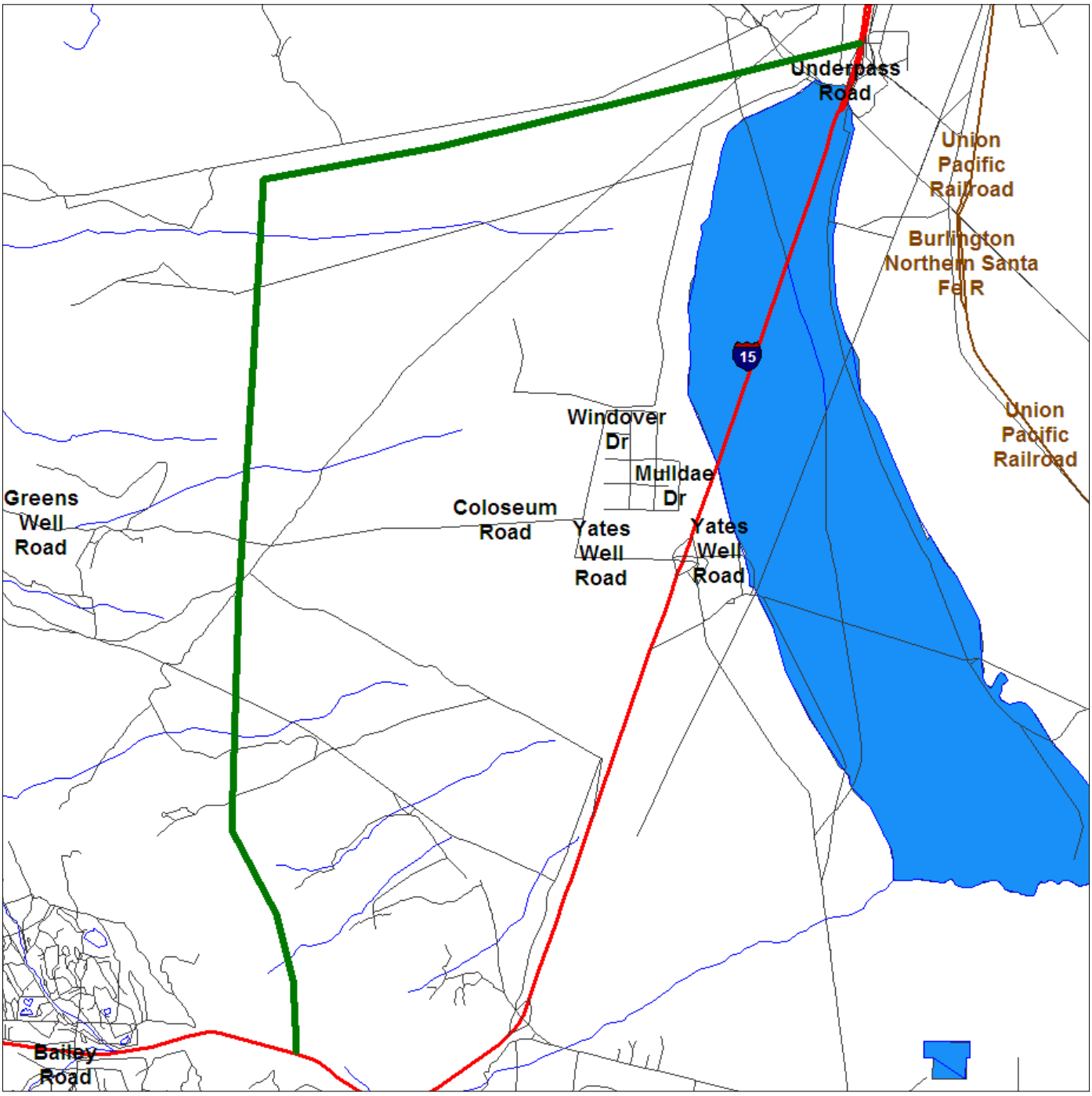
Railroads .....

Environmental FirstSearch

.12 Mile Radius from Line

ASTM-05: ERNS, RCRANLR

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

TRACK ➤ INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

20500 DALE EVANS PKWY

APPLE VALLEY CA 92307

Job Number: 206725003

PREPARED FOR:

Ninyo & Moore

475 Goodard

Irvine, CA 92618

09-14-09

Tel: (866) 664-9981 *Fax: (818) 249-4227*

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Environmental FirstSearch
Search Summary Report

Target Site: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

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	07-28-09	0.50	0	0	0	0	-	0	0
NFRAP	Y	07-28-09	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-14-09	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	07-14-09	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	07-14-09	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	05-13-09	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	0	0
ERNS	Y	06-16-09	0.12	0	0	-	-	-	0	0
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	0	0	0	0	0
State Spills 90	Y	05-22-09	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	04-27-09	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-28-09	0.50	0	0	0	0	-	0	0
State/Tribal UST/AST	Y	05-13-09	0.25	0	0	0	-	-	0	0
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	08-05-09	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	NA	0.50	0	0	0	0	-	0	0
State Permits	Y	04-16-08	0.25	0	0	0	-	-	2	2
State Other	Y	05-05-09	0.25	0	0	0	-	-	0	0
- TOTALS -				0	0	0	0	0	2	2

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:	09-14-09	**Search Type:**	COORD
Requestor Name:	beth padgett	**Job Number:**	206725003
Standard:	ASTM-05	**Filtered Report**	

Target Site: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

Demographics

Sites:	2	**Non-Geocoded:**	2	**Population:**	NA
Radon:	NA				

Site Location

	Degrees (Decimal)	**Degrees (Min/Sec)**		**UTMs**
Longitude:	-117.219287	-117:13:9	**Easting:**	479903.125
Latitude:	34.644756	34:38:41	**Northing:**	3833474.39
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92368	ORO GRANDE	CA	0.26 NW	Y

Services:

	Requested?	Date
Sanborns	No	
Aerial Photographs	Yes	09-14-09
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

TOTAL: 2 **GEOCODED:** 0 **NON GEOCODED:** 2 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	2	PERMITS	LOWE S OF SAN FRANCISCO 2720 CAL000329551/ACTIVE	15000 DALE EVANS PKWY APPLE VALLEY CA 92307	NON GC	
3	1	PERMITS	E.L. YEAGER- I-15 PROJECT YARD FA0007969/INACTIVE	I-15 FWY AT DALE EVANS APPLE VALLEY CA 92307	NON GC	

Environmental FirstSearch
Site Detail Report

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

PERMITS

SEARCH ID: 2 **DIST/DIR:** NON GC **MAP ID:**

NAME:	LOWE S OF SAN FRANCISCO 2720	**REV:**	04/16/08
ADDRESS:	15000 DALE EVANS PKWY	**ID1:**	CAL000329551
	APPLE VALLEY CA 92307	**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:	*2/8/2008 10:54:28 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*PO BOX 1000 LPMO, MOOREVILLE, NC 28115*
Owner Name:	*LOWE S HIW INC*
Owner Address:	*101 ANDOVER PARK E 200, TUKWILA, WA 98188*
Contact Name:	*ROB GASS*
Contact Address:	*PO BOX 1000 LPMO, MOOREVILLE, NC 28115*
Contact Phone:	*7047586033*

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

PERMITS

SEARCH ID: 1 **DIST/DIR:** NON GC **MAP ID:**

NAME:	E.L. YEAGER- I-15 PROJECT YARD	**REV:**	02/11/04
ADDRESS:	I-15 FWY AT DALE EVANS	**ID1:**	FA0007969
	APPLE VALLEY CA 92307	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0013963*
Status:	*INACTIVE*
Expiration Date:	*10/31/2004 12:00:00AM*
Facility Phone:	
Owner Name:	*E.L. YEAGER*
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0013964*
Status:	*INACTIVE*
Expiration Date:	*10/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*E.L. YEAGER*
Owner Address:	
Owner Address:	
Owner Phone:	

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

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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 UNDEGROUND 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; therefor, 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:
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.
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
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

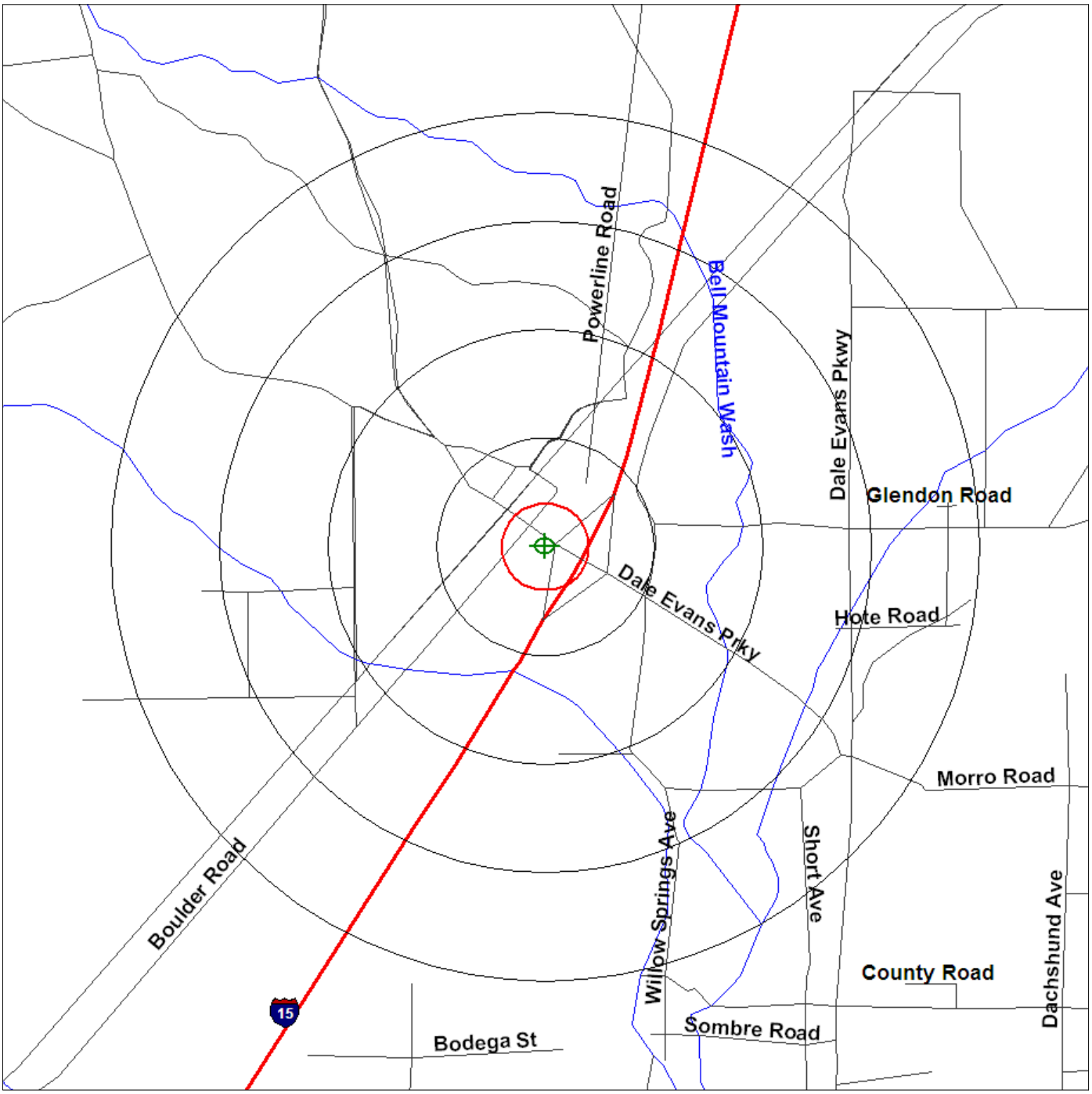
Street Name	Dist/Dir	Street Name	Dist/Dir
Boulder Rd	0.02 NE		
Dale Evan s Prky	0.09 SE		
I-15	0.09 SE		
Powerline Rd	0.17 NE		
Willow Springs Rd	0.24 SE		

Environmental FirstSearch

1 Mile Radius

Single Map:

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

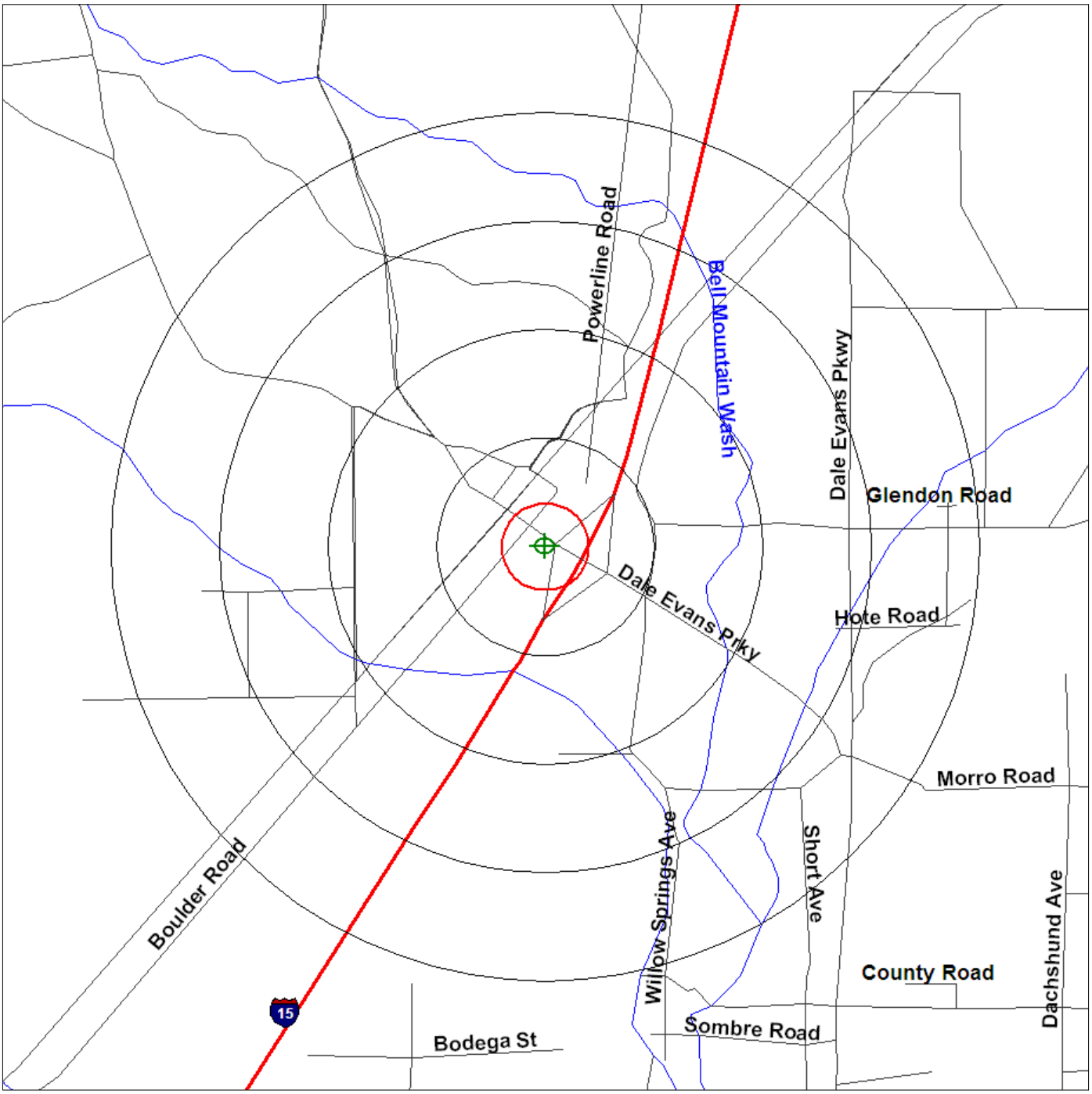
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

1 Mile Radius

ASTM-05: NPL, RCRACOR, STATE

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

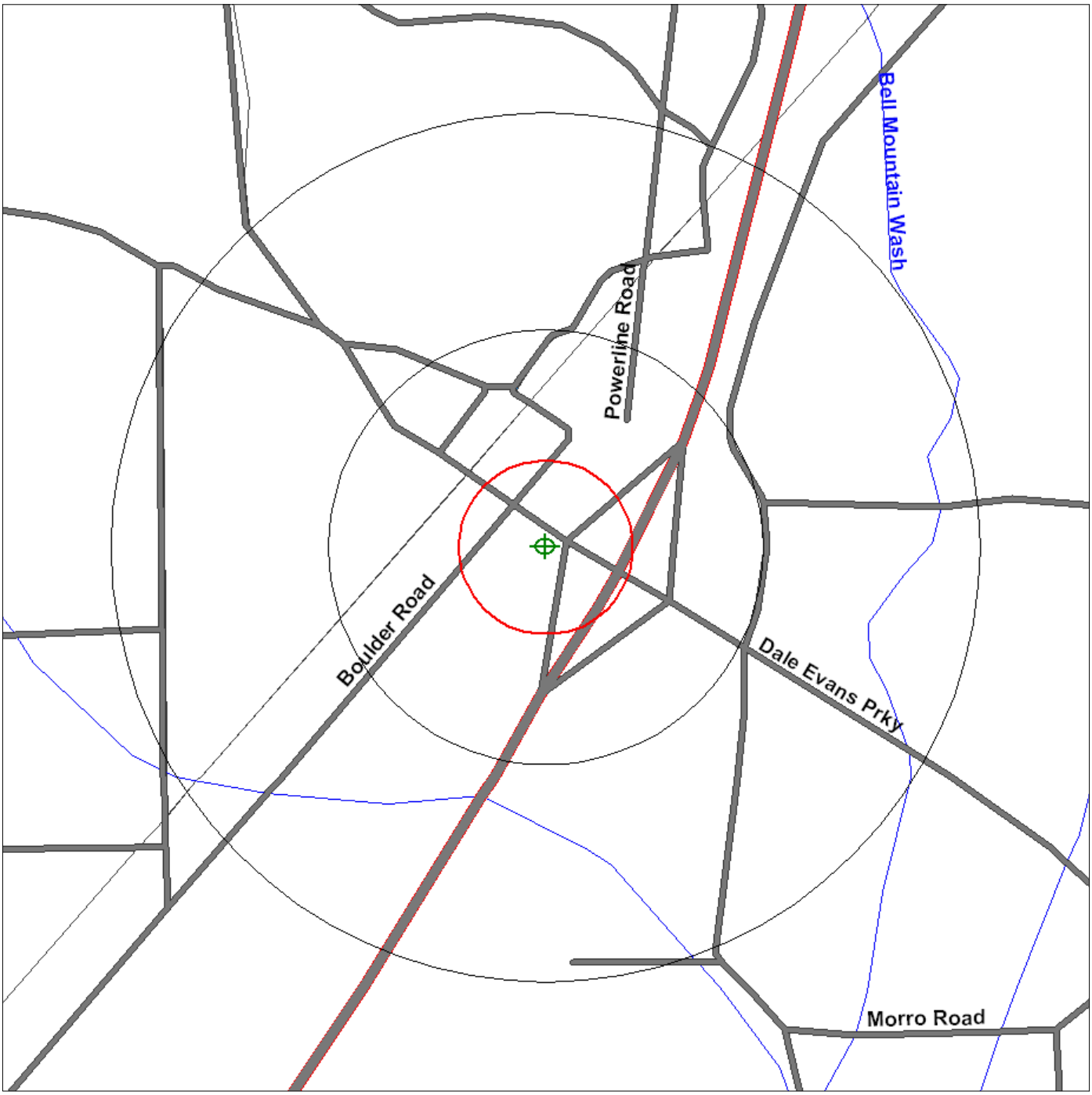
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

ASTM-05: Multiple Databases

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

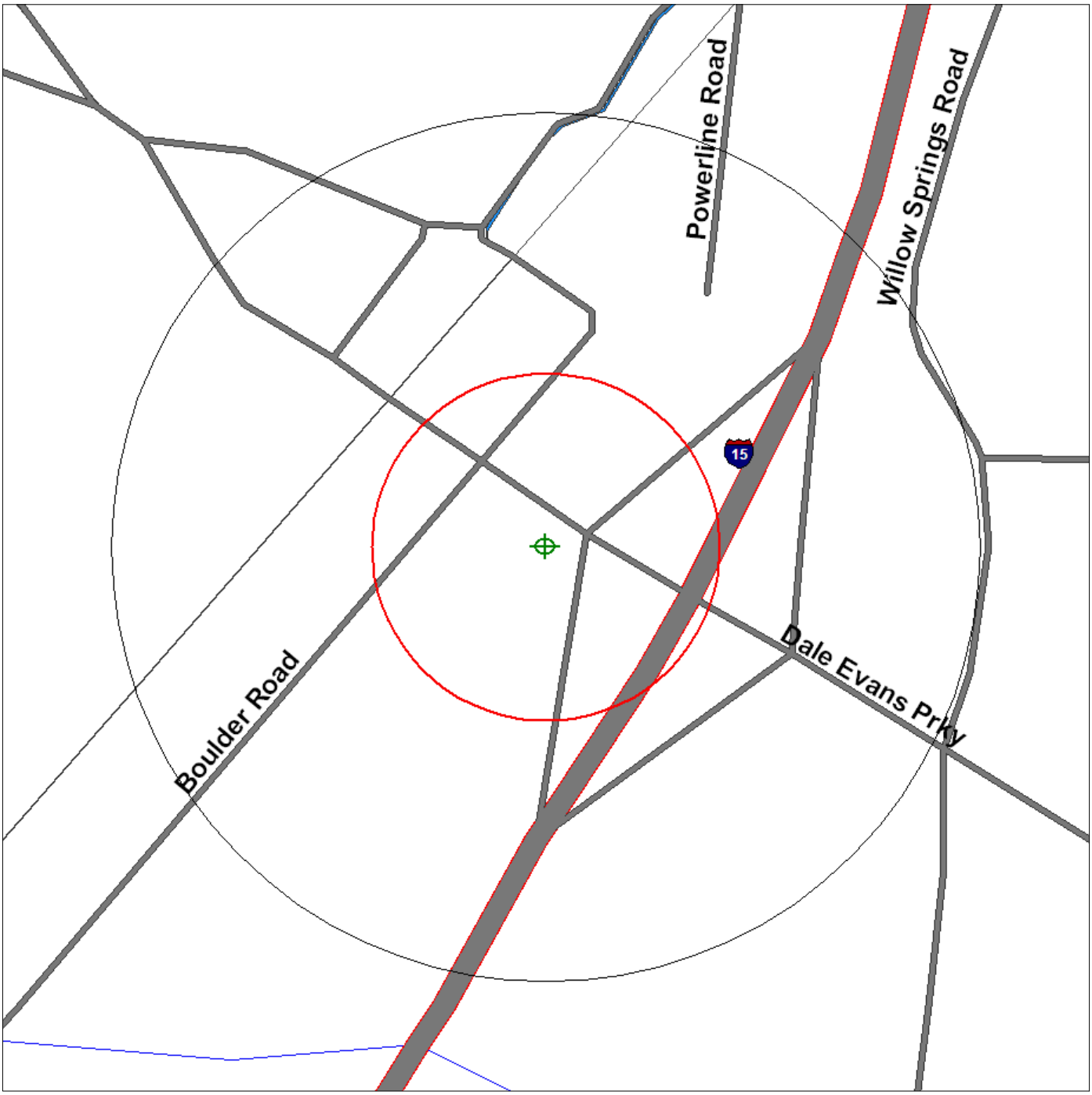
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM-05: RCRAGEN, UST, PERMITS, OTHER

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

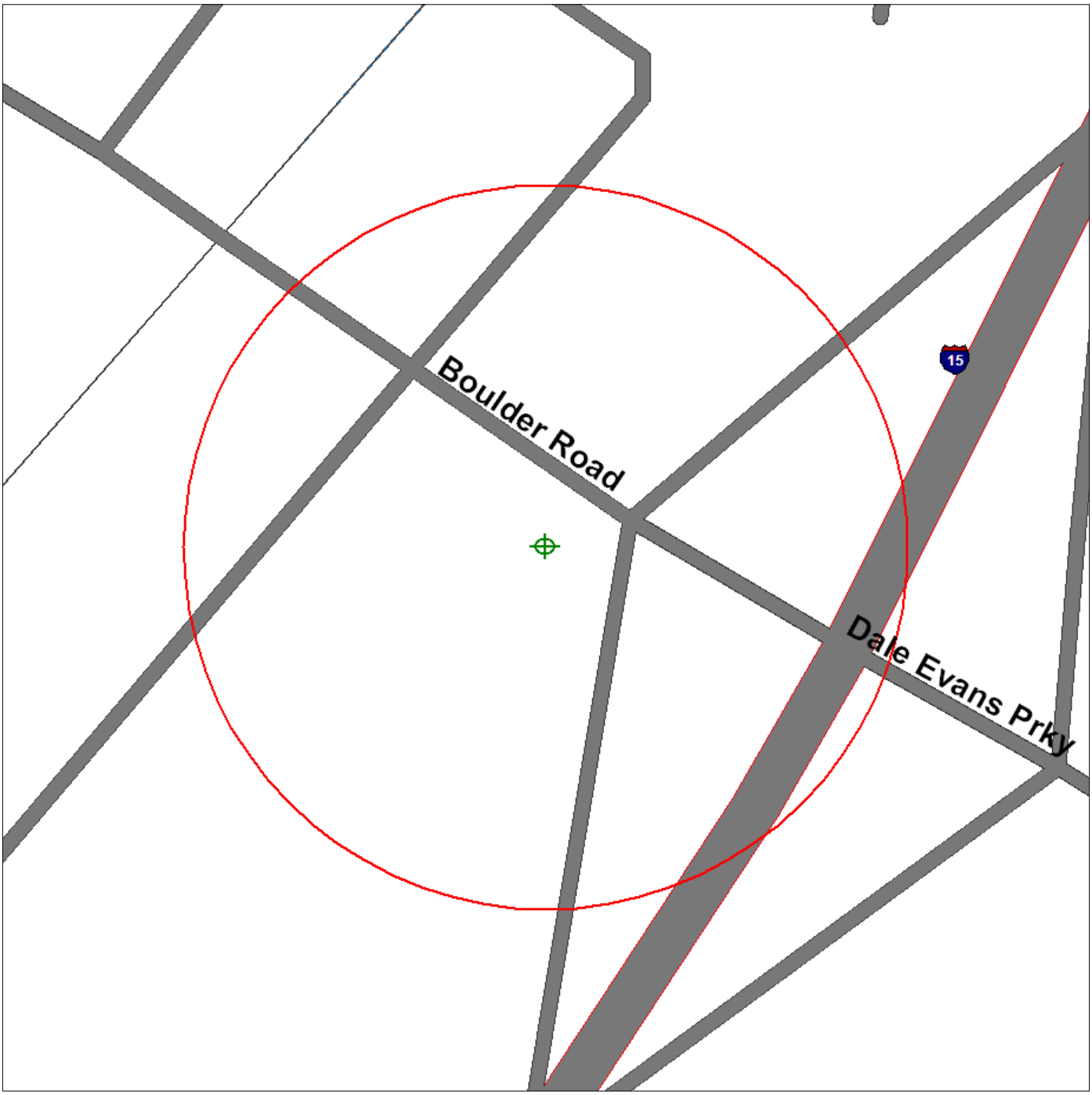
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.12 Mile Radius

ASTM-05: SPILLS90, ERNS, RCRANLR

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

SEGMENT 4, OPTIONS C AND D

Photograph No. 1: **Looking west across the northern portion of the proposed Option C.**

Photograph No. 2: **Looking east across the northern portion of the proposed Option C, toward Primm, Nevada.**

Photograph No. 3: **Looking south at well in the vicinity of the proposed Option C.**

Photograph No. 4: **Looking southwest toward the proposed Option C area.**

Photograph No. 5: **Looking north at the proposed Option C area. Primm, Nevada can be observed in the background.**

Photograph No. 6: **Looking west toward the southern section of the proposed Option C.**

Photograph No. 7: **Looking northwest at the area for proposed Option D.**

Photograph No. 8: **Looking north from the I-15, toward the area for the proposed Option D.**

Photograph No. 9: **Looking north at area east of the proposed Options C and D. Primm, Nevada, and the Primm Valley Golf Course can be observed.**

Photograph No. 10: **Looking north from the I-15 at the properties west and north of the southernmost part of proposed Option D.**

VICTORVILLE 3 STATION

Photograph No. 1: **Looking south from Dale Evans Parkway at the proposed Victorville 3 Station area.**

Photograph No. 2: **Looking west across the proposed Victorville 3 Station area, at vacant land.**

Photograph No. 3: **Looking east across proposed Victorville 3 Station area, Dale Evans Parkway and the I-15 were observed.**

Photograph No. 4: **High voltage power lines observed bisecting the site from the north to the south.**

Photograph No. 5: **Debris pile located in the central portion of the proposed Victorville 3 Station area.**

Photograph No. 6: **Looking north away from the site from Dale Evans Parkway at vacant land.**

Photograph No. 7: **Looking east, from north of the site, at Dale Evans Parkway and the I-15.**

Photograph No. 8: **Looking south at the southern portion of the site, beyond which vacant land is observed.**

Photograph No. 9: **Looking west across site, beyond which vacant land is observed.**

APPENDIX C

RELEVANT SITE INFORMATION

Track Info Services, LLC

Historical Aerial Photo

Site: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 2002

Job Number: 206725003

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: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 1994

Job Number: 206725003

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: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 1989

Job Number: 206725003

Original Scale of Photo: 1:40,000

Approximate Scale of This Image: 1 in equals 750 ft

Coverage Area Approximately 1/2 Mile Radius from Subject Site

≈ 750 ft

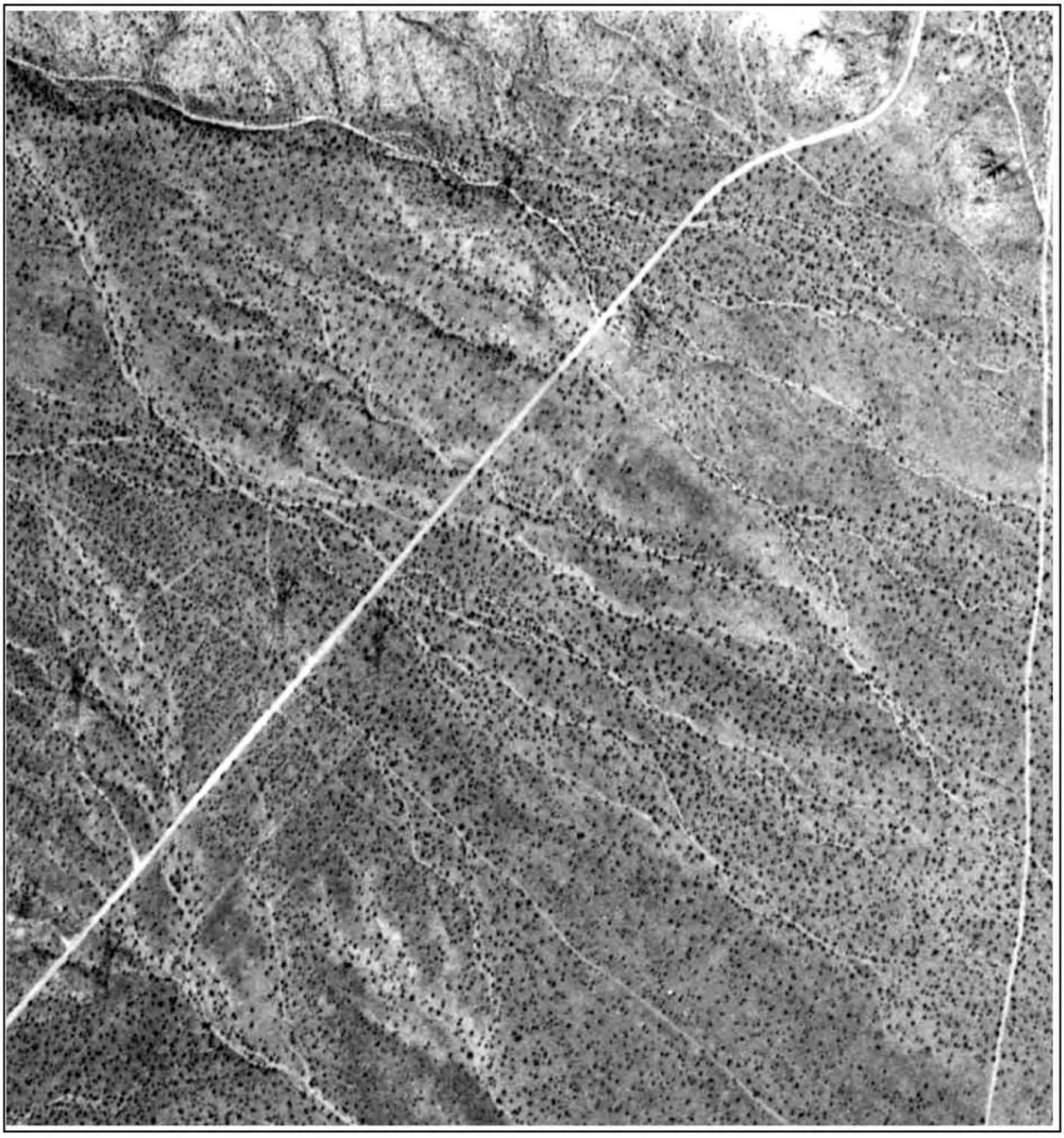
Copyright: Track Info Services, LLC

Track Info Services, LLC

Historical Aerial Photo

Site: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 1953



Job Number: 206725003

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

HAZARDOUS MATERIALS ASSESSMENT
PROPOSED DESERT XPRESS RAIL LINE
SEGMENT 2, ALTERNATIVE C
SLOAN SUBSTATION
VICTORVILLE, CALIFORNIA, TO
LAS VEGAS, NEVADA

PREPARED FOR:
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

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

October 29, 2009
Project No. 206725003

October 29, 2009
Project No. 206725003

Mr. John Cook
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

Subject: Hazardous Materials Assessment
Proposed Desert Xpress Rail Line, Segment 2, Alternative C
Sloan Substation
Victorville, California, to Las Vegas, Nevada

Dear Mr. Cook:

In accordance with your authorization, Ninyo & Moore has completed a Hazardous Materials Assessment (HMA) for Segment 2, Alternative C and for the Sloan Substation along the proposed Desert Xpress rail corridor, which is proposed to run between Victorville, California, and Las Vegas, Nevada. The report describes our findings, methodologies, and conclusions.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

Beth A. Padgett
Senior Staff Environmental Geologist

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

BAP/JJR/sc/lr

Distribution: (1) Addressee (via FTP)

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Table 3 – Site Reconnaissance Summary
Table 4 – Summary of Properties of Environmental Concern

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Appendices

Appendix A – FirstSearch™ Environmental Database Reports
Appendix B – Photographic Documentation
Appendix C – Relevant Site Information

1. HAZARDOUS MATERIALS

CirclePoint authorized Ninyo & Moore to perform a Hazardous Materials Assessment (HMA) of portions of a proposed rail corridor (The Desert Xpress) between Victorville, California, and Las Vegas, Nevada and a proposed station location. The HMA was performed to evaluate, to the extent practical, Segment 2, Alternative C (Segment 2C) and the Sloan Substation (herein referred to collectively as "site" or "project") for the corridor where unauthorized releases of hazardous materials have occurred. This HMA addresses properties located along Interstate 15 (I-15), in Barstow, California, and near Sloan, Nevada. The HMA has been performed in accordance with Proposal No. P-12868C, dated July 31, 2009. The field assessment portion of this HMA was performed during September 2009 according to the scope of work (SOW) agreed to by Ninyo & Moore and CirclePoint.

1.1. Scope of Services

The scope of this HMA included but was not limited to the following tasks:

- Project coordination and participation in client teleconferences necessary to comply with project requirements.

- Review of existing maps and reports of past assessments and corrective actions, if available, for the alignment and properties located in near proximity to the alignment. Review of readily available historical aerial photographs of the alignment and vicinity.

- A review of a computerized database search of readily available government environmental lists and databases for properties located adjacent to the proposed alignment and the proposed station.

- A drive-by reconnaissance of the project sites to visually evaluate areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, and possible risks of contamination from activities within and adjacent to the proposed Segment 2C and proposed substation.

- Properties with potential hazardous materials impacts to the project were screened. Hazardous materials issues associated with the operation of the rail line were also assessed and summarized. Findings are summarized in map and table form. Our findings regarding hazardous materials issues, as well as conclusions and recommendations for additional testing, are summarized in this report so that they may be incorporated into the Environmental Impact Statement (EIS) document.

1.2. Purpose

The purpose of this HMA was to evaluate the likelihood that hazardous materials may be present in soil or groundwater beneath the site as a result of on-site or off-site activities. For the most part, the site consists of freeway shoulders, freeway medians, and vacant high-desert land; the emphasis of our evaluation was primarily on off-site properties which adjoin the site. The likelihood of specific areas of the site being contaminated by hazardous materials was ranked as high, moderate, or low based on the following descriptions:

- **High** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a leaking underground storage tank (LUST) property where remediation had not been started or was not yet finished.

- **Moderate** – Property with potential or suspected contamination within the area of the project. Examples of properties in this category would be LUST properties in the vicinity of the site that are in final stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status, as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where underground storage tanks (USTs) are likely present, but that appeared to be abandoned by their former operators.

- **Low** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be active UST or dry cleaning facilities with no documented releases or properties that are not adjacent to the site and remediation of previous releases had been completed.

1.3. Limitations

This HMA has been prepared for use by CirclePoint. The information presented in this report is based on the project SOW (Section 1.1). Ninyo & Moore has relied on information provided by others in our description of historical conditions and our review of regulatory databases and files. However, Ninyo & Moore makes no warranties or guarantees regarding the accuracy or completeness of the information provided or compiled by others. Ninyo & Moore observed properties adjoining the proposed rail line and substation location from

public right-of-way (R/W) only in accordance with our SOW. In areas inaccessible by public R/W; an effort was made to observe features at a distance. Ninyo & Moore did not conduct interviews with individual property representatives.

No HMA can completely eliminate uncertainty regarding the potential for hazardous materials conditions in connection with a property. Performance of this HMA is intended to reduce, but not eliminate, uncertainty regarding the presence of hazardous materials conditions. The available data do not provide definitive information relative to past uses, operations, or incidents at the site or adjacent properties. The existence of site contamination that was not identified during this HMA, is possible and cannot be adequately assessed without additional research beyond the stated SOW. Further evaluation of these types of risks could include subsurface exploration, sampling, and/or other forms of testing.

In addition, some substances may be present within the proposed corridor and substation area or in the vicinity in quantities below those categorized as actionable by current environmental regulations. Ninyo & Moore cannot be responsible if regulatory standards are changed in the future in a manner that renders the current site conditions actionable.

2. REGULATORY REQUIREMENTS AND METHODS OF EVALUATION

2.1. Regulatory Requirements

Hazardous materials and hazardous wastes are regulated by numerous state and federal laws. These include not only specific statutes governing hazardous waste but also a variety of laws regulating air and water quality, human health, and land use.

2.1.1. Federal Requirements

The primary federal laws regulating hazardous wastes/materials are the Resource Conservation and Recovery Act of 1976 (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The purpose of CERCLA, often referred to as Superfund, is to clean up contaminated sites so that pub-

lic health and welfare are not compromised. RCRA provides for "cradle to grave" regulation of hazardous wastes. Other federal laws include:

- Community Environmental Response Facilitation Act (CERFA) of 1992
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety & Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act (TSCA)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

In addition to the acts listed above, Executive Order 12088, Federal Compliance with Pollution Control, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

2.1.2. State Requirements

Worker health and safety and public safety are key issues when dealing with hazardous materials that may affect human health and the environment. Proper disposal of hazardous substances is vital if it is disturbed during project construction.

Hazardous waste management in California is regulated primarily under the authority of the California Health and Safety Code. Other California laws that affect hazardous waste are specific to handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning.

Hazardous waste management in Nevada is regulated primarily under the authority of the Nevada Division of Environmental Protection.

2.1.3. Regional and Local Requirements

The following is a description of the local agencies that may have oversight in the project area.

2.1.3.1. California State Fire Marshal's (CSFM) Office

The CSFM supports the mission of the California Department of Forestry and Fire Protection by focusing on fire prevention. CSFM provides support through a wide variety of fire safety responsibilities, including regulating buildings in which people live, congregate, or are confined; by controlling substances and products which may, in and of themselves, or by their misuse, cause injuries, death and destruction by fire; by providing statewide direction for fire prevention within wildland areas; by regulating hazardous liquid pipelines; by reviewing regulations and building standards; and by providing training and education in fire protection methods and responsibilities.

2.1.3.2. Mojave Desert Air Quality Management District (MDAQMD)

The California MDAQMD is the agency responsible for establishing criteria by which air quality in the project area is measured. For any particular locale, air quality is based on the amount of pollutants emitted and dispersed and the climatic conditions that may reduce or enhance the formation of pollutants. One of the MDAQMD's key tasks is to assure compliance with air quality rules and regulations and with state and federal air quality statues to achieve and sustain air quality standards throughout the Mojave Desert Air Basin in California.

2.1.3.3. San Bernardino County Fire Department, Hazardous Materials Division (SBCFD)

The SBCFD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and

use hazardous materials and generate hazardous wastes in San Bernardino County, California.

2.1.3.4. San Bernardino County Solid Waste Management Division (SBCSWMD)

The SBCSWMD has local regulatory oversight responsibility for active and closed landfills in San Bernardino County, California.

2.1.3.5. Regional Water Quality Control Board (RWQCB)

The Southern Lahontan Region Regional Water Quality Control Board (LRWQCB) also has oversight jurisdiction with regard to releases (primarily to groundwater) from USTs and other point and regional sources within their jurisdiction in California. The RWQCB issues National Pollutant Discharge Elimination System (NPDES) permits.

2.1.3.6. Nevada State Fire Marshal's (NSFM) Office

This NSFM is responsible for permitting and regulating the storage, use, and transportation of hazardous materials within the state of Nevada. Additional services provided by the NSFM are hazardous materials inspections per the Nevada Revised Statutes (NRS) and Nevada Administrative Codes (NAC), regulation of hazardous liquid pipelines, and providing training and education in fire protection methods and responsibilities.

2.1.3.7. Nevada Department of Air Quality and Environment Management (DAQEM)

The Clark County, Nevada, DAQEM is responsible for monitoring the quality of the air throughout Clark County and ensuring that local entities and businesses are in compliance with air quality rules and regulations. In addition, DAQEM is re-

sponsible for the development of proper air quality control measures and educating the citizens of Clark County on good air quality habits.

The DAQEM is also tasked with monitoring the water quality in Clark County. As part of this responsibility, DAQEM has created a program that monitors municipal wastewater treatment, stormwater pollution prevention, groundwater management, and wellhead protection.

2.1.3.8. Clark County Fire Department (CCFD)

The CCFD is the local lead agency that maintains records and files regarding hazardous materials use and storage by individuals and business within Clark County.

2.1.3.9. Southern Nevada Health District, Environmental Health (SNHD)

The SNHD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and use hazardous materials and generate hazardous waste. In addition, the SNHD also has local regulatory oversight responsibility for active and closed landfills.

2.2. Methods of Evaluation of Impacts

The following section describes the methods used to identify areas of the site or properties adjoining the site where unauthorized releases of hazardous materials have occurred.

2.2.1. Environmental Database Review

Ninyo & Moore obtained and reviewed automated database search reports for each proposed segment/alternative. Ninyo & Moore subcontracted FirstSearch™ to perform an environmental records search of federal, state, and local files for properties located within the study areas. A single database report was ordered for Segment 2C. The environmental database report from the previous HMA document (Ninyo & Moore, 2007) was reviewed for the Sloan Substation area.

The FirstSearch™ reports also include a list of "non-geocoded" properties that could not be mapped due to unknown or missing addresses or locations. Ninyo & Moore noted the properties that could be verified by site reconnaissance and aerial photograph review that fall within the $^1/_8$-mile corridor of interest. These properties have been included in our assessment of each alternative and are described within the text of each segment under the applicable database discussion. Non-geocoded properties not considered significant environmental concerns to the site and properties located beyond the boundaries of the corridors of interest and are not discussed. The FirstSearch™ reports are included as Appendix A.

Regulatory agency databases that were reviewed include:

- National Priorities List (NPL) of the United States Environmental Protection Agency (EPA)
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)
- Resource Conservation and Recovery Act (RCRA)
- Emergency Response Notification System (ERNS)
- California Environmental Protection Agency, Department of Toxic Substances Control, State Priority List (CAL-SITES)
- Nevada Environmental Protection Agency (NEV-STATE)
- Spills-1990 (California Only)
- Solid Waste Landfills (SWLs)
- Leaking Underground Storage Tank (LUST)
- Underground Storage Tanks (UST)

2.2.2. Aerial Photography

Ninyo & Moore reviewed aerial photography for both Segment 2C and substation location. Aerial photographs have been collected for the continental United States since the 1920s, with variable coverage and frequency (generally based on an area's importance

to national defense). Aerial photographs offer an opportunity for direct observation of site conditions across a period of time. These observations may include the locations of tank pits, drums, pits, ponds, lagoons, stained/stressed vegetation, or other site development features that can indicate potential contaminant sources.

Aerial photographs of Segment 2C were provided by Track Info Services, LLC. For this study, Ninyo & Moore reviewed aerial photographs taken in 1953, 1959, 1973, 1989, 1994, and 2002. The photographs reviewed varied in scale and clarity, and were taken from various altitudes. The Segment 2C photographs are provided in Appendix C. Aerial photographs of the Sloan Substation area were reviewed from the previous HMA document (Ninyo & Moore, 2007).

The aerial photograph review served to further evaluate information gained from other sources and, in some cases, served as the primary source of information. Information that was gathered from aerial photographs is summarized in Sections 4.2.1.2 and 4.2.2.2. The data are limited primarily to areas of potential concern as revealed by regulatory data or our site reconnaissance. Historical features of potential environmental concern noted, which were not revealed by current sources, are also described in the tables.

2.2.3. Site Reconnaissance

A site reconnaissance was conducted to provide us with site-specific, current information about the site that is not obtainable through an environmental database review or aerial photograph review. Ninyo & Moore performed a site reconnaissance of the project area on October 16, 2009. The reconnaissance included viewing of the subject sites and adjoining properties from public R/W. Photographs of the site are presented in Appendix B.

During the site reconnaissance, Ninyo & Moore personnel looked for several indicators of potential environmental impacts to the project including significant staining or degraded pavement, USTs, aboveground storage tanks (ASTs), storage of significant quantities of hazardous materials and wastes, groundwater monitoring wells and reme-

diation systems, dry cleaning facilities, transformers, pesticide use, industrial facilities, current or historic gasoline stations, distressed vegetation, and the presence of pits, ponds, or lagoons. The presence of features such as ASTs, USTs, or chemical storage areas alone is not cause necessarily to classify a property as Moderate or High with regard to risk.

In general, Segment 2C consisted of the I-15 median, and the Sloan Substation consisted of vacant undeveloped land. Because of the large project area and the scope of services for this HMA, a property would not be listed as a facility of concern during the site reconnaissance unless it was in the immediate vicinity of one of the study areas and there was obvious evidence of a subsurface assessment and/or contamination remediation such as an operating remediation system, or drums of soil cuttings from a subsurface investigation that were readily observable from public R/W.

The project will have a significant effect if there is exposure to the public and/or the environment to hazardous materials or petroleum compounds by project construction or operational activities. Construction activities could lead to exposure to contaminated soil or groundwater; the primary focus of the HMA is to identify properties affected by the proposed corridor where significant potential for such exposures is present. Operational activities, such as vehicle maintenance at the proposed maintenance facilities, present the potential for future releases of hazardous materials.

As described in Section 1.2, individual properties are classified as High, Moderate, or Low with regard to their potential to cause exposure to significant soil or groundwater contamination. The classification of each property was based on the type of operation (current or historical), proximity to the project alignments, hydrogeologic conditions, field observations, and regulatory information. The possible construction impacts and mitigation measures for each property, if classified as High or Moderate in the HMA, are discussed in this document.

In addition, we evaluated potential operational impacts related to use of hazardous materials at proposed maintenance facilities and elsewhere within the proposed corridor. Mitigation measures are identified for each significant impact identified.

3. AFFECTED ENVIRONMENT

The entire proposed Desert Xpress project includes several proposed linear corridors for the construction of a high-speed rail line between Victorville, California, and Las Vegas, Nevada. The corridors have been divided into six segments, some of which contain multiple alternatives. The overall length covered by the entire project comprises approximately 200 miles. The specific location of the proposed routes was obtained from maps provided by project applicant.

The project areas evaluated for this document are Segment 2C and the Sloan Substation. The general site locations are presented on Figures 1A and 1B.

3.1. Regional Environment

The proposed rail line is situated in the Mojave Desert portion of the Basin and Range province. The Basin and Range is characterized by a repeating pattern of north-south trending mountain ranges separated by fault-bound basins. The current morphology developed as basins dropped and ranges rose during regional extension. Many of the basins are quite deep and filled with thousands of feet of alluvium shed from the adjacent ranges. In general, the sediment size decreases from gravels and sands to silts and clays with distance from the range.

Groundwater levels vary beneath the project area. Due to extensive faulting within the project area, localized regions with shallow perched groundwater may be present. According to a representative of the LRWQCB, groundwater is encountered at depths of approximately 50 feet to over 400 feet below ground surface (bgs) in the Segment 2C area. In addition, during storm events, the alluvial groundwater system can be as shallow as 10 feet bgs. Data from the California State Water Resources Control Board (SWRCB) GeoTracker website for LUST facilities located in Victorville, Barstow and Baker, indicated that groundwater is

generally encountered at 30 to 80 feet bgs. Groundwater levels in the project area are shallower near rivers and streams. Along the railroad right-of-way, depth to groundwater ranges from approximately 20 feet bgs in the city of Las Vegas, Nevada to over 400 feet bgs near Sloan, Nevada. Depth to groundwater and groundwater flow directions can also be influenced by seasonal variations in precipitation and other factors, including local irrigation (golf courses, recreation areas, residences) and groundwater pumping and are, therefore, subject to variation. In general, groundwater flow direction often mimics topography.

3.2. Resources by Area of Investigation

The following sections provide a general overview of the resources associated with Segment 2C and the Sloan Substation areas based on information obtained from the database search reports, aerial photography, and the site reconnaissance.

3.2.1. Segment 2, Alternative C (Barstow, California)

Segment 2C comprises the I-15 median. It extends from the south at approximately the intersection of Hodge Road, south of Lenwood; through Barstow, to approximately the intersection of Fort Irwin Road, west of Yermo in the north; a distance of approximately 20 miles (Figure 2A). Adjoining properties to Segment 2C, consist of the I-15, associated interchanges, secondary roads, vacant undeveloped land, commercial and retail businesses, restaurants, and gasoline stations. Current significant uses of hazardous materials were not observed within the alignment of Segment 2C.

3.2.2. Sloan Substation (Sloan, Nevada)

The Sloan Substation area is approximately 9 acres of land adjacent to the east side of the I-15 and approximately 10 miles southwest of Sloan, Nevada (Figure 2B). The area comprises vacant undeveloped land. Adjoining properties to the Sloan Substation consist of primarily undeveloped vacant land and the I-15. South Las Vegas Boulevard and Pacific Union railroad tracks were observed south of the site. Current significant uses of hazardous materials were not observed within the Sloan Substation area.

4. ENVIRONMENTAL CONSEQUENCES

4.1. Regional Effects

4.1.1. Operational Period

Operational activities for the Desert Xpress will include such activities as train operations, track maintenance, and equipment maintenance. The operational impacts of these activities are confined to the rail R/W, stations, and maintenance yards. Ninyo & Moore understands that hazardous substance usage and storage will be confined to local maintenance yards. As such, no regional effect due to use and storage of hazardous materials is foreseen. Therefore, the potential for significant operational regional impacts related to hazardous materials is low.

4.1.2. Construction Period

Construction of the Desert Xpress may require the removal of buildings, structures, and paving materials to accommodate new construction. No buildings were noted within the Segment 2C or the Sloan Substation areas. Although none of these features were observed at the sites, the site reconnaissance consisted of "drive-by" observations and prevented detailed site viewing. Therefore, there is still a low likelihood of these features existing within the site. If encountered during construction, demolition activities of buildings may encounter lead-based paint (LBP) and asbestos-containing building materials (ACMs). These materials would have to be transported to a proper disposal facility.

4.2. Effects by Segment

The following sections provide a general overview of our findings for the segment and station locations based on information obtained from the database search reports, aerial photography, and site reconnaissance.

Throughout the remainder of the text, discussion of specific properties of concern will be accompanied by a property identification number (e.g. 2C-1). This notation would indicate,

for example, that the property of concern is the first property of concern noted in Segment 2, Alternative C. These specific properties identification numbers appear throughout the text and tables, including Table 4 that summarizes information for each of the properties of concern. Figure 2A shows Segment 2C and is associated with detail maps (Figures 2A-A through 2A-C) that show the individual properties of concern.

4.2.1. Segment 2, Alternative C (Barstow, California)

The Segment 2C alignment proposed location is within the median of the I-15, extending approximately 20 miles from Hodge Road, south of Lenwood, through Barstow, and continuing to approximately Fort Irwin Road, west of Yermo.

4.2.1.1. Operational Period

There are no proposed facilities for Segment 2C. Based on the lack of facilities in Segment 2C, the potential for significant operational impacts related to hazardous materials is low.

4.2.1.2. Construction Period

Environmental Database Review

A review of federal and state database listings for Segment 2C, identified four facilities on the RCRA generator database, four facilities on the ERNS database, five facilities on the LUST, and 24 facility listings on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

Four facilities were listed on the RCRA generator database adjacent to the site. Cool Power at the I-15 and Lenwood Road is listed as a small quantity generator. This listing is not indicative of a release and would not be considered an environmental concern.

Exxon Mobil Oil Corporation No 1249 at 1600 East Main Street (2C-1) is listed as a large quantity generator. Shell Service Station at 1601 East Main Street (2C-2) is listed as a small quantity generator. Chevron Station 9 9752 at 2890 Lenwood Road (2C-3) is listed as a small quantity generator. These facilities are additionally listed on the LUST database and would be considered an environmental concern.

The ERNS database lists emergency response actions and is provided by the EPA and National Response Center. In March 1990, at the intersection of the I-15 and Lenwood Road, approximately 200 gallons of diesel fuel was released from saddle tanks on a truck after a two vehicle accident. In December 1993, approximately 100 gallons of diesel fuel was released from a truck's fuel line along the northbound I-15 at the Midway rest ramp near milepost 107 in Barstow (listed as non-geocoded). In January 1997, approximately 192 pounds of muriatic acid was spilled when containers fell off a truck along the I-15, south of Wild Wash Road. Based on lack of indicated remediation, these releases are assumed to have been cleaned up during the initial emergency response and are not considered environmental concerns to the site. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered an environmental concerns to the site.

According to the report, five LUST facilities were listed within the vicinity of Segment 2C. Former E-Z Serve #100825 at 1700 East Main Street (2C-4) is listed as having a gasoline release affecting the aquifer used for the drinking water supply. Ninyo & Moore reviewed the SWRCB GeoTracker website (http://geotracker.swrcb.ca.gov) for additional information. According to the most recent groundwater monitoring report (GeoEnviro, 2009) for this facility, MW-7 is the closest well to the site at approximately 725 feet southeast of the site. MW-7 measured total petroleum hydrocarbons as gasoline (TPHg) at <50 micrograms per liter (µg/l), benzene at <0.5 µg/l, toluene at <0.5 µg/l, ethylbenze at 3.0 µg/l, xylenes at <0.5 µg/l, and methyl tertiary butyl ether (MTBE) at <0.5 µg/l. Based on

the facilities close proximity to the site and regulatory status, this facility would be considered an environmental concern.

Former Exxon 7-3871 at 1500 East Main Street (2C-5) is listed as having a release of gasoline and fuel oxygenates affecting the aquifer used for the drinking water supply. According to the SWRCB GeoTracker website, the most recent groundwater monitoring report (ERI, 2009) for this facility, MW-13 is the closest well to the site at approximately 700 feet southeast of the site. MW-13 measured TPHg at <50 µg/l, benzene, toluene, ethylbenzene, and xylenes at <1.0 µg/l, and MTBE at <2.0 µg/l. Based on the facility's close proximity to the site and regulatory status, this facility would be considered an environmental concern.

The following facilities have regulatory status of "case closed" and are located adjacent to the site: Mobil Station 18-H5X (also listed as Exxon Mobil) at 1600 East Main Street (2C-1), Dry Gulch Shell at 1601 East Main Street (2C-2), and Chevron Service Station at 2890 Lenwood Road (2C-3). Based on their LUST listing and immediate proximity to the site, these facilities would be considered an environmental concern.

Twenty-four UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. Terrible Herbst Inc 74 at 1710 East Main Street (2C-6) is listed as having at least four USTs. Based on the review of the SWRCB GeoTracker website, this facility has a LUST. According to the website, a release of gasoline and fuel oxygenates affected the aquifer used for drinking water. The regulatory status of this facility is "open-referred." The most recent groundwater monitoring report (Westmark, 2008) for this facility, MW-6 is the closest well (that was measured) to the site at approximately 1,000 feet southeast of the site. MW-6 measured TPHg at 23 µg/l, benzene at 2,000 µg/l, toluene at 28 µg/l, ethylbenzene at 2,300 µg/l, and xylenes at 7,300 µg/l, and MTBE at 21 µg/l. Based on the facil-

ity's close proximity to the site and regulatory status, this facility would be considered an environmental concern.

Except for the previously noted UST and LUST facilities, the remaining UST facilities are not listed on the LUST database and are not considered environmental concerns to the site based on the UST listings only.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 2C:

Table A – Aerial Photographs, Segment 2C

Aerial Photograph Date	Barstow, California
1952-1953 and 1959	The site and properties adjoining the site were mostly vacant undeveloped land. Residential, commercial, and retail development is observed in the northern portion of the site through the Barstow, area. The Mojave River wash appeared in its current location.
1973 and 1989	Properties adjoining the site appeared similar to that observed in the 1959 photograph, except the Barstow area appears more densely developed. The I-15 appeared in its current orientation.
1994 and 2002	The site and site vicinity appeared similar to that observed during the site reconnaissance.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

The site generally consists of the I-15 median. No evidence of releases or environmental concerns was noted within the Segment 2C.

Adjoining properties along Segment 2C, include primarily vacant undeveloped land, residential, commercial, and retail properties, Home Depot store, water tank,

restaurants, and gasoline stations. Chevron at 913 Barstow Road (2C-7) was observed in the site vicinity. Based on the SWRCB GeoTracker website, this facility had a gasoline release affecting soil only. The regulatory case status is "case closed." Based on its LUST listing and immediate proximity to the site, this facility would be considered an environmental concern. Valero gasoline station at 491 Armory Road with USTs was not listed on the LUST database and thus not considered a significant environmental concern. The 76 gasoline station at 1600 East Main Street (formerly Mobil, 2C-1) was observed in the site vicinity, and was listed on the LUST database; thus would be considered an environmental concern.

Segment 2C is within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

No other properties of environmental concern to the site were noted during the site reconnaissance.

Table 3 summarizes those properties that have been classified as High or Moderate with regard to their potential to cause exposure to significant soil or groundwater contamination for Segment 2C based on observations during the site reconnaissance.

Provided Documents for Review

Documents were not provided for review regarding the proposed Segment 2C alignment.

4.2.2. Sloan Substation

The Sloan Substation proposed location is adjacent to the east side of the I-15 and approximately 10 miles southwest of Sloan, Nevada.

4.2.2.1. Operational Period

Ninyo & Moore is not aware of proposed facilities for the Sloan Substation. Based on the lack of facilities planned within the Sloan Substation area, the potential for significant operational impacts related to hazardous materials would be considered to be low.

4.2.2.2. Construction Period

Environmental Database Review

A review of the federal and state database listings for Segment 5 which included the location of the currently planned Sloan Substation (Ninyo & Moore, 2007) indicated that two facilities were listed on the ERNS database, and five facilities were listed on the UST database.

Two facilities were listed on the ERNS database with addresses for Whiskey Pete's Texaco at Stateline and I-15 in Primm, Nevada. The emergency response was for a failed pressure line test and inventory discrepancy for a UST. No date, clean-up, status, or LUST reference was noted for this incident. The second listing is for Gold Strike Casino Mobil at exit 12 in Jean, Nevada. The emergency response was for approximately 20 gallons of diesel fuel dumped by a customer behind the station. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents, these listings are not considered environmental concerns to the site.

The UST and AST databases are provided by the Nevada Department of Conservation and Natural Resources. Inclusion on these lists is for permitting purposes and is not indicative of a release. Five UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. These facilities are not listed on the LUST database and are not considered environmental concerns to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for the Sloan Substation:

Table B – Aerial Photographs, Sloan Substation

Aerial Photograph Date	Primm to Jean
1950-1999	Resolution in these photos was poor. As expected evidence of significant development was not apparent.
2006	Primarily undeveloped land with the exception of I-15, urbanized areas in and around Primm and Jean, and infrequent overpasses and interchanges.

Review of the aerial photographs did not reveal evidence of significant environmental concerns to the site. Aerial photograph information for the Sloan Substation was reviewed from the previous report (Ninyo & Moore, 2007).

Site Reconnaissance

The site consisted of vacant, generally undeveloped land (Figure 2B). No evidence of releases or environmental concerns was noted within the proposed Sloan Substation area.

Adjoining properties around the Sloan Substation include the I-15 and primarily vacant undeveloped land. South Las Vegas Boulevard and Pacific Union railroad tracks were observed south of the site.

The Sloan Substation is located within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

No other properties of environmental concern to the site were noted during the site reconnaissance.

Provided Documents for Review

Documents were not provided for review regarding the proposed Sloan Substation.

5. MITIGATION MEASURES

5.1. Operational Impacts

- **OI-1** – Rail based operational activities, such as vehicle maintenance, would have the potential for future releases of hazardous materials.

5.2. Operational Mitigation Measures

- **OMM-1** – Desert Xpress facilities that use, store, or dispose of hazardous materials will, in accordance with state and local regulations, submit a Hazardous Materials Management Plan to the relevant local agency (fire department or health department) and be subject to inspections by that local agency to assure compliance with the plan and to evaluate possible hazardous materials releases. Facilities emitting toxic air emissions will submit inventories and plans to the appropriate air quality management district and be subject to permitting and monitoring regulations of the district. Desert Xpress facilities installing and operating chemical storage tanks will install and operate tanks under permit to the local agency regulating the operation of ASTs and USTs.

5.3. Construction Impacts

- **CI-1** – Demolition of structures, if encountered during site construction, may result in the exposure of the public and/or the environment to LBP and/or ACMs.

- **CI-2** – Construction activities may encounter previously unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-3** – Construction activities, including demolition, may encounter or generate hazardous or solid wastes and debris and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-4** – Construction activities may result in exposure of the public and/or the environment to contaminated soil and/or contaminated groundwater at properties unidentified as properties of potential environmental concern. Based on our understanding of the proposed construction, there is a low likelihood that construction will encounter groundwater.

- **CI-5** – Construction activities along existing and former rail lines may result in exposure of the public and/or the environment to soil contaminated with herbicides, petroleum hydrocarbons, and metals.

- **CI-6** – Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

5.4. Construction Mitigation Measures:

- **CMM-1** – Prior to construction activities, project applicant or the contractors should conduct an evaluation of all buildings if to be encountered during site construction and to be demolished, to determine the presence of ACMs and LBP. Remediation should be implemented in accordance with the recommendations of these evaluations.

- **CMM-2** – Project applicant or its contractors will prepare a hazardous materials contingency plan addressing the potential for discovery of unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan will address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

- **CMM-3** – Construction contractors will dispose of all hazardous or solid wastes and debris encountered or generated during construction and demolition activities in accordance with all federal, state, and local laws and regulations.

- **CMM-4** – Project applicant or its contractor will prepare a soil monitoring plan prior to construction and will implement it during all phases of construction. Disturbed soils will be monitored for visual evidence of contamination (e.g., staining or discoloration). Soil will 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 will be implemented and will 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 will be developed and in place during all construction activities. In the unlikely event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/NPDES process, the groundwater will be profiled, manifested, hauled, and disposed of in the same manner.

  Alternatively, a Phase II ESA will be prepared. In general, the Phase II ESA includes the following:

- A work plan that includes the numbers and locations of proposed soil borings/monitoring wells, sampling intervals, drilling and sampling methods, analytical methods, sampling rationale, site geohydrology, field screening methods, quality control/quality assurance, and reporting methods. Where appropriate, the work plan will be approved by a regulatory agency such as the San Bernardino County Fire Department.

- A site-specific Health and Safety Plan (HSP) signed by a Certified Industrial Hygienist.

- Necessary permits for encroachment, boring completion, and well installation.

- A traffic safety plan.

- Sampling program (fieldwork) in accordance with the work plan and HSP. Fieldwork shall be completed under the supervision of a State of California professional geologist.

- Hazardous materials testing through a state-certified laboratory.

- Documentation including a description of field procedures, boring logs/well construction diagrams, tabulations of analytical results, cross-sections, an evaluation of the levels and extent of contaminants found, and conclusions and recommendations regarding the environmental condition of the site and the need for further assessment. Recommendations may include additional assessment or handling of the contaminants found though the contaminated soil contingency plan. If the contaminated soil contingency plan is inadequate for the contamination found, a remedial action plan will be developed. Contaminated groundwater will generally be handled though the NPDES/dewatering process.

- Disposal process including transport by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the identified type of waste.

Project applicant or its contractors will obtain a NPDES permit. In areas of suspected contaminated groundwater, special conditions will apply with regard to acquisition of the NPDES permit, including testing and monitoring, as well as discharge limitations under the NPDES permits.

- **CMM-5** – Soil along and immediately adjacent to existing and former rail lines which will be disturbed during construction should be assessed for the presence of herbicides, petroleum hydrocarbons, and metals. This assessment should be completed as described under CMM-4 (Phase II ESA).

- **CMM-6** – Unpaved soil along the I-15 within the project boundaries should be investigated for the presence of aerially deposited lead. This assessment should be completed during the design phase or as described under CMM-4 (Phase II ESA).

6. REFERENCES

Environmental FirstSearch™ Report, 2009, Barstow, California 92311, dated October 14.

ERI, 2009, Second Quarter 2009 Groundwater Monitoring and Status Report, Former Exxon Station 73871, 1500 East Main Street, Barstow, California SBCFD Case No. 93005, dated July 28.

GeoEnviro Services, Inc, 2009, Groundwater Monitoring and Sampling Report, First Quarter 2009, Former E-Z Serve Location 100825, 1700 East Main Street, Barstow, California, RWQCB Case #6B3600087T, dated April 30.

The Westmark Group (Westmark), 2008, Quarterly Groundwater Monitoring Report, Third Quarter 2008, Former Terrible Herbst Station #74, 1710 East Main Street, Barstow, California, 92311, dated September 26.

Ninyo & Moore, 2007, Hazardous Materials Assessment, Proposed Desert Xpress Corridor, Victorville, California, to Las Vegas, Nevada, dated March 23.

TABLE 1 – ENVIRONMENTAL DATABASE SUMMARY

Database(s)	Description	Segment 2 Alternative C	Sloan Substation
Federal Databases			
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program. Updated quarterly.	0	0
CERCLIS/NFRAP	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980. NFRAP refers to facilities that have been removed and archived from its inventory of CERCLA sites.	0	0
RCRA/CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with TSD of hazardous materials that are undergoing "corrective action." A "Corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	0	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. LQGs produce at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQGs produce 100 to 1,000 kg/month of non-acutely hazardous waste. CESQGs are those that generate less than 100 kg/month of non-acutely hazardous waste.	5	0
ERNS	ERNS records and stores information on reported releases of oil and hazardous substances.	4	2
State Databases			
Cal Sites	The Cal Sites database is maintained by the Cal-EPA, DTSC. This database contains information on AWP, and both known and potentially contaminated properties. Two-thirds of these properties have been classified, based on available information, as needing NFA by the DTSC. The remaining properties are in various stages of review and remediation to determine if a problem exists.	0	0
STATE	The Nevada Sites database is maintained by the Nevada Bureau of Corrective Action. This database contains information on both known and potentially contaminated properties.	0	0
Spills - 1990	The California RWQCBs maintain report of sites that have records of spills, leaks, investigation, and cleanups.	0	0
SWLF	The SWLF database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the Integrated Waste Management Board's SWIS database.	1	0
LUST	Databases of the LUST information system are maintained by the SWRCB and RWQCB.	10	0
UST	The UST Information System is maintained by the SWRCB, which may include the owner and location of the USTs. This database may also include registered ASTs.	24	5

Notes:

AST – Aboveground Storage Tank
AWP – Annual Workplan Properties
CERCLA – Comprehensive Environmental Response, Compensation and Liability Ac
CESQG – Conditionally Exempt Small Quantity Generators
CORRACTS - Corrective Action Sites
DTSC – Department of Toxic Substances Control
ERNS – Emergency Response Notification System
kg – Kilogram
LQG – Large Quantity Generator
LUST – Leaking Underground Storage Tanks
NFA – No Further Action
NFRAP – No Further Remedial Action Planned
NPL – National Priorities List
RCRA – Resource Conservation and Recovery Act
RWQCB – Regional Water Quality Control Board
SQG – Small Quantity Generator
SWIS – Solid Waste Information System
SWLF – Solid Waste Landfill
SWRCB – State Water Resources Control Board
TSD – Treatment, Storage, and Disposal Facilities
UST – Underground Storage Tank

TABLE 2 – SUMMARY OF PROPERTIES OF CONCERN FROM THE FIRSTSEARCH™ DATABASE REPORTS

Ninyo & Moore Property ID	Business Name and Address	Case Summary
Segment 1, Alternatives A and B – Victorville, California, to Barstow, California		
2C-1	Mobil Station 18-H5X 1600 East Main Street	LUST - gasoline release in 2002. Regulatory Status is "case closed."
2C-2	Dry Gulch Shell 1601 East Main Street	LUST - gasoline release in 1950. Regulatory status is "case closed."
2C-3	Chevron Service Station 2890 Lenwood Road	LUST - gasoline release affecting soil only. Regulatory status is "case closed."
2C-4	Former E-Z Serve #100825 1700 East Main Street	LUST - gasoline release in 2007, affecting the aquifer used for drinking water. Regulatory status is "open-remediation."
2C-5	Exxon 7-3871 1500 East Main Street	LUST - gasoline and fuel oxgenates release affecting the aquifer used for drinking water supply. Regulatory status is "open-verification monitoring."
2C-6	Terrible Herbst Inc 74 1710 East Main Street	Listed on the UST database and the SWRCB GeoTracker website indicates that the facility is undergoing remediation for a gasoline release.

Notes:
LUST – Leaking Underground Storage Tank
CERCLIS – Comprehensive Environmental Response Compensation and Liability Information System
RWQCB – Regional Water Quality Control Board
EPA – Environmental Protection Agency
NFA – No Further Action
DTSC – California Department of Toxic Substances Control

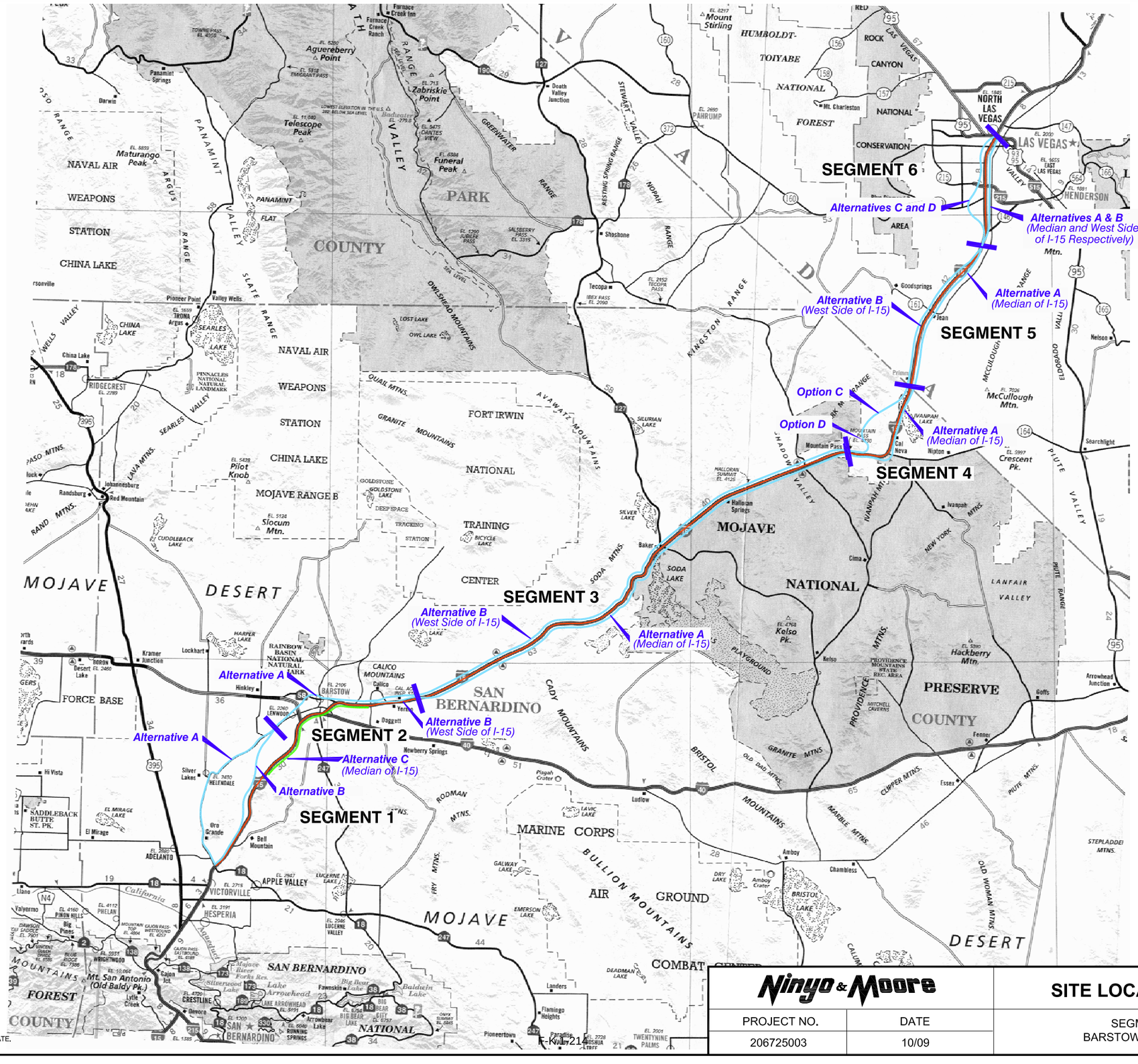
TABLE 3 – SITE RECONNAISSANCE SUMMARY

Property I.D.	Address	Business Name	Site Use	Chemical Storage Areas	Dumped, Burned Material	Hydraulic Equipment (Lifts)	Bermed, Recessed, or Diked Areas	Chemical/Pesticide Mixing Areas	Sumps, Pits, Ponds, Lagoons, Clarifiers	Discharges/Disposal Areas	Groundwater Monitoring Wells or Other Wells	Remediation Equipment/Evidence or	Discolored or Polluted Water	Storage Tanks (Underground or Aboveground)	Drums	Stressed Vegetation	Discolored/Stained Soils	Degraded/Heavy Stained Pavement
Segment 2, Alternative C - Barstow, California, to Yermo, California																		
2C-1	1600 East Main Street	76 (formerly Mobil)	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
2C-3	2890 Lenwood Road	Chevron Service Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
2C-7	913 Barstow Road	Chevron	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N

TABLE 4 – SUMMARY OF PROPERTIES OF ENVIRONMENTAL CONCERN

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-1	Mobil Station 18-H5X 1600 East Main Street	LUST - gasoline release in 2002. Regulatory Status is "case closed."	M
2C-2	Dry Gulch Shell 1601 East Main Street	LUST - gasoline release in 1950. Regulatory status is "case closed."	M
2C-3	Chevron Service Station 2890 Lenwood Road	LUST - gasoline release affecting soil only. Regulatory status is "case closed."	M
2C-4	Former E-Z Serve #100825 1700 East Main Street	LUST - gasoline release in 2007, affecting the aquifer used for drinking water. Regulatory status is "open-remediation."	M
2C-5	Exxon 7-3871 1500 East Main Street	LUST - gasoline and fuel oxgenates release affecting the aquifer used for drinking water supply. Regulatory status is "open-verification monitoring."	M
2C-6	Terrible Herbst Inc 74 1710 East Main Street	Listed on the UST database and the SWRCB GeoTracker website indicates that the facility is undergoing remediation for a gasoline release.	M
2C-7	Chevron 913 Barstow Road	Observed during the site reconnaissance, and listed on the SWRCB GeoTracker website as a LUST facility with a regulatory status of "case closed."	M

Notes:
LUST – Leaking Underground Storage Tank
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System
VOCs – volatile organic compounds
EPA – Environmental Protection Agency
Risk Class H = high, M = moderate, L = low



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

F-Ka1214

206725_B4.DWG

Ninyo & Moore	SITE LOCATION MAP	FIGURE
PROJECT NO. 206725003 / DATE 10/09	SEGMENT 2 C BARSTOW, CALIFORNIA	1A

206725_A3.DWG

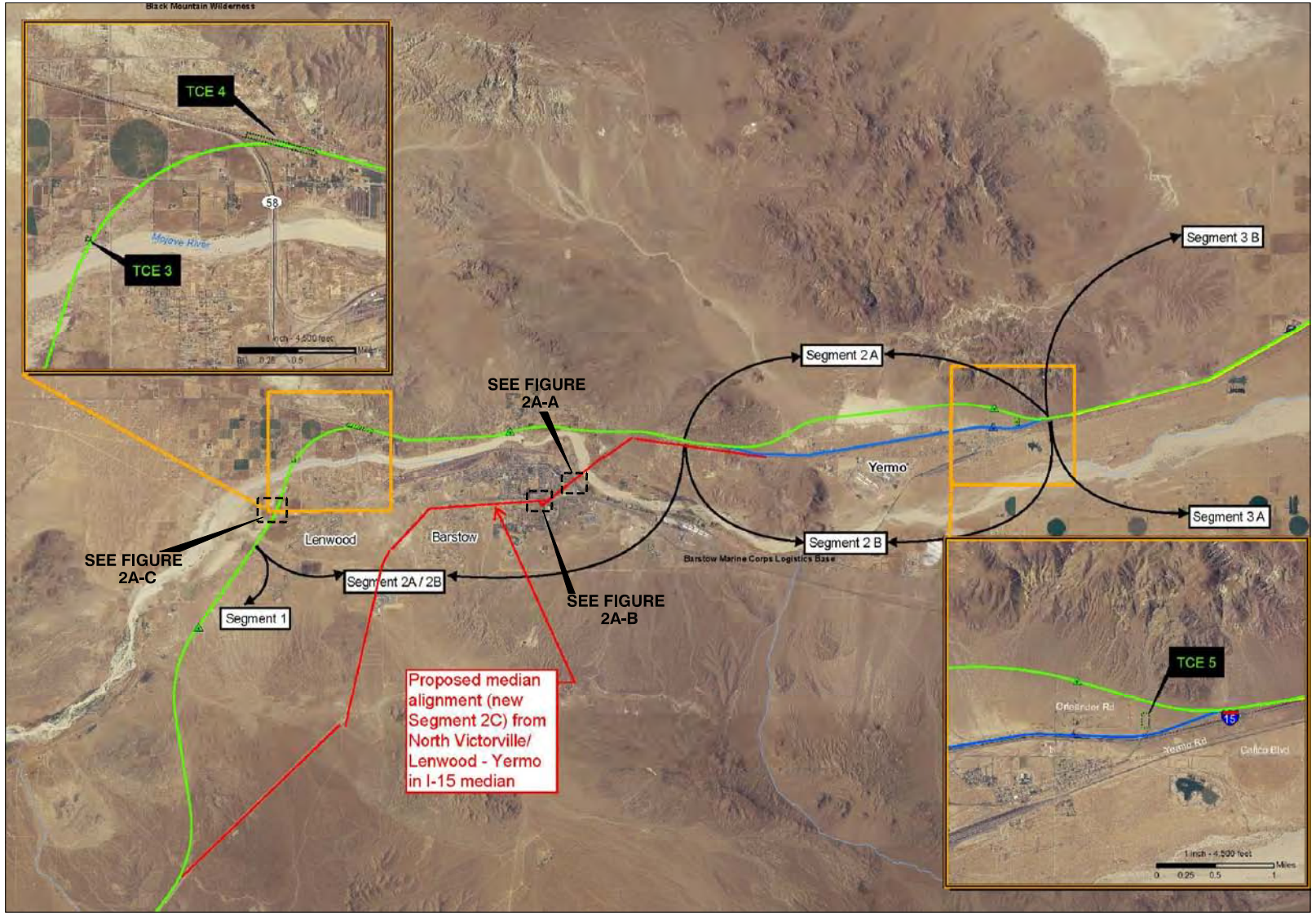
APPROXIMATE SCALE IN FEET

0 10,000 20,000

N

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	SITE LOCATION MAP	FIGURE
PROJECT NO. 206725003 / DATE 10/09	SLOAN SUBSTATION SLOAN, NEVADA F-K.1-215	1B



206725_A2.DWG

N

APPROXIMATE SCALE IN FEET

0 20,000 40,000

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	SEGMENT 2 C BARSTOW, CALIFORNIA	2A
206725003	10/09		

F-K.1-216

REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2009.

N

APPROXIMATE SCALE IN FEET

0 300 600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-1	Mobil Station 18-H5X 1600 East Main Street	LUST - gasoline release in 2002. Regulatory Status is "case closed."	M
2C-2	Dry Gulch Shell 1601 East Main Street	LUST - gasoline release in 1950. Regulatory status is "case closed."	M
2C-4	Former E-Z Serve #100825 1700 East Main Street	LUST - gasoline release in 2007, affecting the aquifer used for drinking water. Regulatory status is "open-remediation."	M
2C-5	Exxon 7-3871 1500 East Main Street	LUST - gasoline and fuel oxgenates release affecting the aquifer used for drinking water supply. Regulatory status is "open-verification monitoring."	M
2C-6	Terrible Herbst Inc 74 1710 East Main Street	Listed on the UST database and the SWRCB GeoTracker website indicates that the facility is undergoing remediation for a gasoline release.	M

206725_A5.DWG

Ninyo & Moore

SEGMENT 2 - DETAIL MAP

FIGURE

2A-A

PROJECT NO.	DATE
206725003	10/09

SEGMENT 2C
BARSTOW, CALIFORNIA

F-K.1-217

REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2009.

N

APPROXIMATE SCALE IN FEET

0 300 600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-7	Chevron 913 Barstow Road	Observed during the site reconnaissance, and listed on the SWRCB GeoTracker website as a LUST facility with a regulatory status of "case closed."	M

206725_A6.DWG

Ninyo & Moore	SEGMENT 2 - DETAIL MAP	FIGURE
PROJECT NO. 206725003 / DATE 10/09	SEGMENT 2C BARSTOW, CALIFORNIA F-K.1-218	2A-B

REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2009.

N

APPROXIMATE SCALE IN FEET

0 300 600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-3	Chevron Service Station 2890 Lenwood Road	LUST - gasoline release affecting soil only. Regulatory status is "case closed."	M

206725_A7.DWG

Ninyo & Moore

SEGMENT 2 - DETAIL MAP

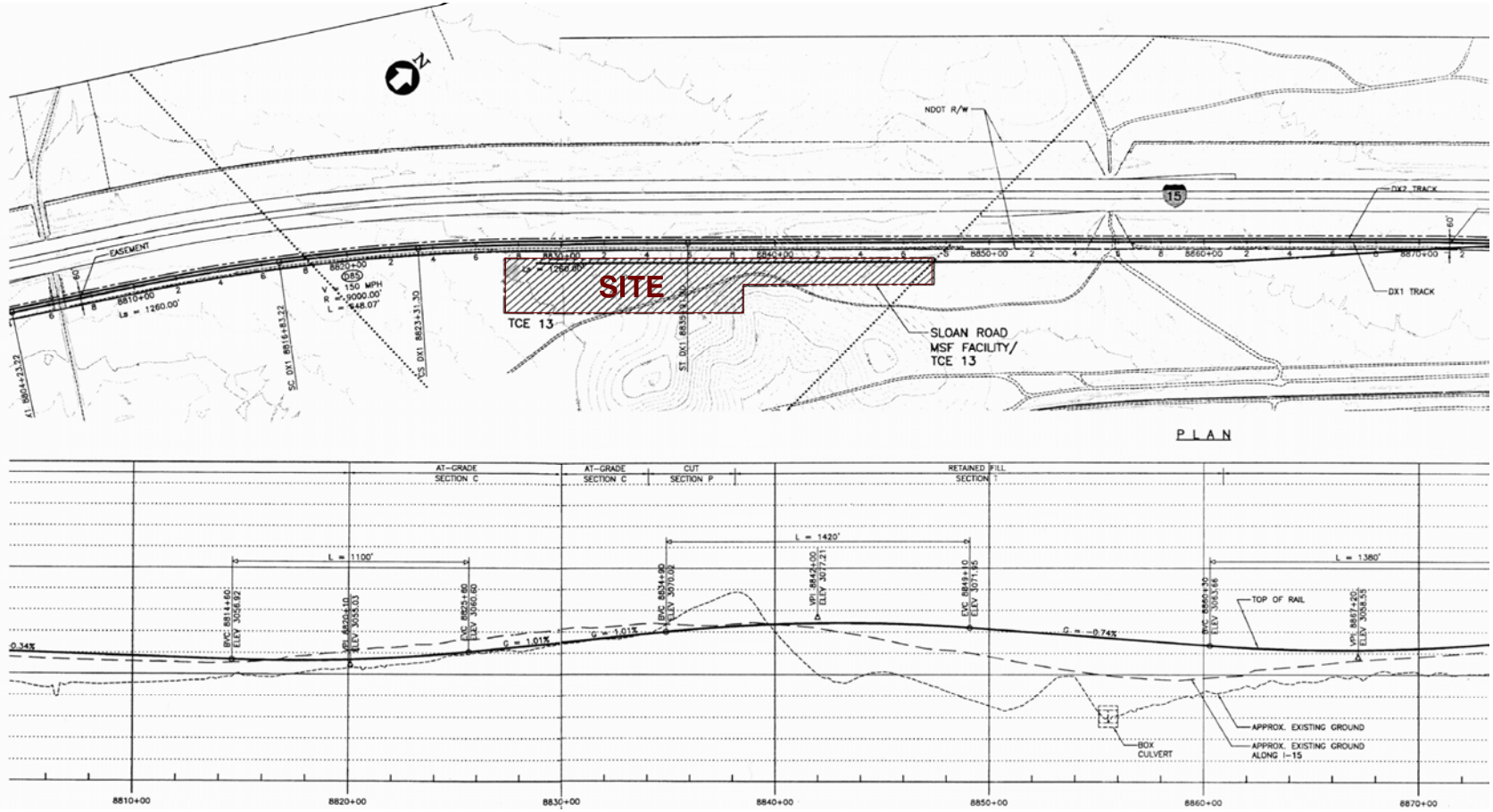
FIGURE

2A-C

PROJECT NO.	DATE
206725003	10/09

SEGMENT 2C
BARSTOW, CALIFORNIA

F-K.1-219



206725_A4.DWG

N

APPROXIMATE SCALE IN FEET

0 800 1600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	SLOAN SUBSTATION SLOAN, NEVADA	2B
206725003	10/09		

F-K.1-220

APPENDIX A

FIRSTSEARCH™ ENVIRONMENTAL DATABASE REPORTS

TRACK INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

BARSTOW CA 92311

Job Number: 206725003

PREPARED FOR:

Ninyo & Moore

475 Goodard

Irvine, CA 92618

10-14-09

Tel: (866) 664-9981 *Fax: (818) 249-4227*

Environmental FirstSearch is a registered trademark of FirstSearch Technology Corporation. All rights reserved.

Environmental FirstSearch
Search Summary Report

Target Site:

BARSTOW CA 92311

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	09-11-09	0.25	0	0	0	-	-	0	0
NPL Delisted	Y	09-11-09	0.25	0	0	0	-	-	0	0
CERCLIS	Y	07-28-09	0.25	0	0	0	-	-	0	0
NFRAP	Y	07-28-09	0.25	0	0	0	-	-	2	2
RCRA COR ACT	Y	07-14-09	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	07-14-09	0.25	0	0	0	-	-	0	0
RCRA GEN	Y	07-14-09	0.25	0	5	0	-	-	1	6
RCRA NLR	Y	05-13-09	0.25	0	1	0	-	-	0	1
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	0	0
ERNS	Y	09-13-09	0.25	0	2	2	-	-	47	51
Tribal Lands	Y	12-01-05	0.25	0	0	0	-	-	0	0
State/Tribal Sites	Y	01-16-09	0.25	0	0	0	-	-	1	1
State Spills 90	Y	05-22-09	0.25	0	0	0	-	-	0	0
State/Tribal SWL	Y	04-27-09	0.25	0	0	1	-	-	2	3
State/Tribal LUST	Y	04-28-09	0.25	0	6	4	-	-	2	12
State/Tribal UST/AST	Y	05-13-09	0.25	0	18	6	-	-	4	28
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	08-05-09	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	01-16-09	0.25	0	0	0	-	-	0	0
State/Tribal Brownfields	Y	NA	0.25	0	0	0	-	-	0	0
State Permits	Y	08-19-09	0.25	0	22	18	-	-	29	69
State Other	Y	05-05-09	0.25	0	0	0	-	-	3	3
- TOTALS -				0	54	31	0	0	91	176

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:	10-14-09	**Search Type:**	LINEAR
Requestor Name:	beth padgett		19.26 mile(s)
Standard:	LINEAR	**Job Number:**	206725003
		Filtered Report	

Target Site:

BARSTOW CA 92311

Demographics

Sites:	176	**Non-Geocoded:**	91	**Population:**	NA
Radon:	0.8 PCI/L				

Site Location

	Degrees (Decimal)	**Degrees (Min/Sec)**		**UTMs**
Longitude:	-117.047814	-117:2:52	**Easting:**	495627.847
Latitude:	34.831111	34:49:52	**Northing:**	3854118.167
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.25 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92307	APPLE VALLEY	CA	0.10 SE	Y
92342	HELENDALE	CA	0.02 SW	Y
92365	NEWBERRY SPRINGS	CA	0.17 SE	Y

Services:

	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: BARSTOW CA 92311

JOB: 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	4	RCRAGN	COOL POWER CAD981444532/SGN	I-15 and LENWOOD RD BARSTOW CA 92311	0.01 SE	1
2	9	ERNS	CITY OF BARSTOW 465383/HIGHWAY RELATED	INTERSECTION OF I-15 AND LE BARSTOW CA	0.01 NW	2
3	10	ERNS	TRANSWESTERN XPRESS 161921/HIGHWAY RELATED	INTERSECTION OF I-15 AND LE BARSTOW CA	0.02 NW	3
4	46	PERMITS	SO CAL WATER CO-GLEN 01049526/ACTIVE	35724 LENWOOD RD BARSTOW CA 92311	0.03 SE	4
4	51	PERMITS	LENWOOD FUEL CAL000327304/ACTIVE	2824 LENWOOD RD BARSTOW CA 92311	0.04 SE	5
5	50	PERMITS	DIAMOND D FUEL (MOBIL) 97044957/ACTIVE	2824 LENWOOD RD BARSTOW CA 92311	0.04 SE	5
6	73	UST	DIAMOND D FUEL (MOBIL) SANBERDO97044957	2824 LENWOOD RD BARSTOW CA 92311	0.04 SE	5
7	55	UST	E-Z SERVE 695 TISID-STATE39505/ACTIVE	1700 MAIN BARSTOW CA 92311	0.04 SE	6
8	79	LUST	E-Z SERVE 100825 (FORMER) T0607100670/OPEN - REMEDIATION	1700 MAIN ST E BARSTOW CA 92311	0.04 SE	6
14	69	UST	WARREN OPIE WALLIS INC. TISID-STATE40459/ACTIVE	34474 LENWOOD BARSTOW CA 92311	0.06 NW	7
15	30	PERMITS	BNSF 91024238/NOT REPORTED	200 N AVENUE H BARSTOW CA 92311	0.06 NE	8
16	32	PERMITS	BNSF-BARSTOW FA0001620/ACTIVE	200 N AVENUE H BARSTOW CA 92311	0.06 NE	8
17	31	PERMITS	BNSF-BARSTOW 95038032/ACTIVE	200 N AVENUE H BARSTOW CA 92311	0.06 NE	8
18	61	UST	VICTORVILLE-BARSTOW TRUCK TISID-STATE38782/ACTIVE	1550 STATE BARSTOW CA 91011	0.06 SE	9
19	60	UST	TERRIBLE HERBST INC 74 SANBERDO86008577/NUM OF TANKS: 4	1710 E MAIN ST BARSTOW CA 92311	0.06 SE	10
19	59	UST	TERRIBLE HERBST INC 74 TISID-STATE39633/ACTIVE	1710 MAIN BARSTOW CA 92311	0.06 SE	10
20	82	LUST	ATandSF YARD T0607100728/COMPLETED - CASE CLO	200 H ST BARSTOW CA 92311	0.06 NE	11
21	39	PERMITS	VALERO STATION 3757 CAL000323890/ACTIVE	491 ARMORY RD BARSTOW CA 92311	0.07 SE	12
21	29	PERMITS	BEACON STATION 3757 95038518/ACTIVE	491 ARMORY BARSTOW CA 92311	0.07 SE	12
22	38	PERMITS	ULTRAMAR STATION 3757 CAL000239812/INACTIVE	491 ARMORY RD BARSTOW CA 92311	0.07 SE	12
23	62	UST	BEACON STATION 3757 SANBERDO95038518	491 ARMORY BARSTOW CA 92311	0.07 SE	12

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
24	85	LUST	CHEVRON SERVICE STATION T0607100834/COMPLETED - CASE CLO	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
25	49	PERMITS	CHEVRON STATION 9752 86008557/ACTIVE	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
26	72	UST	CHEVRON STATION 9752 SANBERDO86008557	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
28	71	UST	CHEVRON STATION 9752 TISID-STATE40791/ACTIVE	I15 AT LENWOOD RD BARSTOW CA 92311	0.07 SE	13
29	5	RCRAGN	CHEVRON STATION 9 9752 CAD983635889/SGN	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
30	65	UST	DESERT DISTRIBUTING COMPANY TISID-STATE38916/ACTIVE	34337 LENWOOD LENWOOD CA 92311	0.07 NW	14
31	34	PERMITS	DESERT DENTAL GROUP CAL000301077/ACTIVE	945 ARMORY RD STE C BARSTOW CA 92311	0.07 SE	15
32	36	PERMITS	LUCKY DRY CLEANERS 00048251/NOT REPORTED	967 ARMORY RD BARSTOW CA 92311	0.08 SE	16
33	6	RCRANLR	OMS 2 CAD981368905/NLR	DILL RD BARSTOW CA 92311	0.09 SE	17
34	3	RCRAGN	OMS 2 CALIFORNIA NATIONAL GUARD CAD981368905/LGN	1601 ARMORY ROAD BARSTOW CA 92311	0.09 SE	17
35	43	PERMITS	FLYING J. INC. PT0000048/ACTIVE	2611 FISHER BLVD BARSTOW CA 92311	0.09 SE	18
35	75	UST	WEBSTER OIL SANBERDO86008612	2880 LENWOOD RD BARSTOW CA 92311	0.09 SE	19
36	68	UST	PILOT OIL 282 SANBERDO92027875	2591 COMMERCE PKWY BARSTOW CA 92311	0.09 NW	20
37	27	PERMITS	BARSTOW FIRE PROTECTION DIST CAL000269262/ACTIVE	861 BARSTOW RD BARSTOW CA 92311	0.09 NE	21
38	37	PERMITS	ST-CA ARMY NAT L GRD OMS2 89019297/ACTIVE	1601 ARMORY RD BARSTOW CA 92311	0.10 SE	22
39	63	UST	ST-CA ARMY NAT L GRD OMS2 SANBERDO89019297	1601 ARMORY RD BARSTOW CA 92311	0.10 SE	22
40	33	PERMITS	CO-HHW SATELLITE-BARSTOW 00048965/INACTIVE	900 S AVENUE H BARSTOW CA 92311	0.10 NE	23
41	35	PERMITS	HHW SATELLITE-BARSTOW FA0002302/FEE EXEMPT	900 S AVENUE H BARSTOW CA 92311	0.10 NE	23
42	54	UST	DRYGULCH SHELL SANBERDO86008574/NUM OF TANKS: 4	1601 E MAIN ST BARSTOW CA 92311	0.10 NW	24
43	78	LUST	DRY GULCH SHELL T0607100933/COMPLETED - CASE CLO	1601 MAIN ST E BARSTOW CA 92311	0.10 NW	24

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
44	2	RCRAGN	SHELL SERVICE STATION CAR000097667/SGN	1601 E MAIN ST BARSTOW CA 92311	0.10 NW	24
45	1	RCRAGN	EXXONMOBIL OIL CORPORATION NO 1249 CAL000055704/LGN	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
46	19	PERMITS	FREEWAY AUTOMOTIVE FA0008936/INACTIVE	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
47	22	PERMITS	MOBIL R/S 12497 86008573/INACTIVE	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
48	56	UST	FUELS MANAGEMENT INC SANBERDO86008573	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
50	57	UST	GAIL S MOBIL TISID-STATE40287/ACTIVE	1600 MAIN BARSTOW CA 92311	0.11 NW	25
51	81	LUST	MOBIL STATION 18-H5X T0607100938/COMPLETED - CASE CLO	1600 MAIN ST E BARSTOW CA 92311	0.11 NW	25
52	84	LUST	RIP GRIFFIN TRUCK SERVICE CNTR T0607100753/COMPLETED - CASE CLO	2930 LENWOOD RD BARSTOW CA 92311	0.11 NW	26
53	47	PERMITS	TRAVEL CENTER OF AMERICA CAL000289914/ACTIVE	2930 LENWOOD RD BARSTOW CA 92311	0.11 NW	26
54	45	PERMITS	R GRIFFEN TRUCK SERV CNTR 87013739/ACTIVE	2930 LENWOOD RD BARSTOW CA 92311	0.11 NW	26
55	48	PERMITS	BARSTOW HARVEY HOUSE SHELL, INC. 86008558/ACTIVE	2870 LENWOOD RD BARSTOW CA 92311	0.12 SE	27
56	70	UST	BARSTOW HARVEY HSE SHELL SANBERDO86008558	2870 LENWOOD RD BARSTOW CA 92311	0.12 SE	27
57	74	UST	HARVEY HOUSE SHELL TISID-STATE39094/ACTIVE	I15 and LENWOOD RD BARSTOW CA 92311	0.12 SE	27
58	58	UST	H and B SHEET METAL INC TISID-STATE39091/ACTIVE	111 CAL BARSTOW CA 92311	0.13 SE	28
59	25	PERMITS	FOOD 4 LESS 312 CAL000320495/ACTIVE	580 E VIRGINIA WAY BARSTOW CA 92311	0.14 NE	29
60	13	PERMITS	BRUBAKER-MANN INC CAL000248940/ACTIVE	36011 SOAPMINE RD BARSTOW CA 92311	0.15 NW	30
61	8	ERNS	HELMER CONSTRUCTION 465220/FIXED FACILITY	1060 MADRONA BARSTOW CA	0.15 SW	31
62	7	ERNS	HELMER CONSTRUCTION 159763/FIXED FACILITY	1060 MADRONA BARSTOW CA 92311	0.15 SW	31
63	26	PERMITS	FOOD 4 LESS 312 95032535/ACTIVE	580 VIRGINIA WAY BARSTOW CA 92311	0.15 NE	32
64	64	UST	ARCO AM/PM MINI MART SANBERDO93029296	2594 COMMERCE PKWY BARSTOW CA 92311	0.15 NW	33

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311

JOB: 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
66	83	LUST	BARSTOW CITY CORPORATE YARD T0607100708/COMPLETED - CASE CLO	900 H ST S BARSTOW CA 92311	0.16 NE	34
67	15	PERMITS	BandD AUTOMOTIVE CAL000240265/ACTIVE	1800 E MAIN ST BARSTOW CA 92311	0.16 SE	35
68	42	PERMITS	FLYING J TRAVEL PLAZA CAL000286805/ACTIVE	2611 FISHER BLVD BARSTOW CA 92311	0.16 SE	36
69	41	PERMITS	FLYING J 00047969/NOT REPORTED	2611 FISHER BARSTOW CA 92311	0.16 SE	36
70	21	PERMITS	H and B MECHANICAL INC 95037599/ACTIVE	111 CAL AVE BARSTOW CA 92311	0.16 SE	37
70	23	PERMITS	MV TRANSPORTATION INC CAL000275415/ACTIVE	1612 STATE ST BARSTOW CA 92311	0.16 SE	38
71	11	SWL	MADRONA ILLEGAL LF SWIS36-CR-0054/CLEAN CLOSED	1040 MADRONA ST BARSTOW CA	0.17 SW	39
72	44	PERMITS	LENWOOD SERVICE STATION LP CAL000329056/ACTIVE	2800 LENWOOD RD BARSTOW CA 92311	0.17 NW	40
73	66	UST	FLYING J SANBERDO00047969	2611 FISHER BARSTOW CA 92311	0.18 SE	41
75	67	UST	FLYING J SANBERDO47969/NUMBER OF TANKS 5	2611 FISHER BARSTOW CA 92311	0.18 SE	41
76	20	PERMITS	H and B MECHANICAL INC CAL000152995/ACTIVE	111 CAL AVENUE BARSTOW CA 92311	0.18 SE	42
77	76	LUST	BARSTOW STATION UNOCAL T0607100741/COMPLETED - CASE CLO	1501 MAIN ST E BARSTOW CA 92311	0.19 SE	43
78	14	PERMITS	B and D AUTOMOTIVE 01049361/ACTIVE	1800 E MAIN ST B BARSTOW CA 92311	0.19 SE	44
79	24	PERMITS	RPM 99047803/NOT REPORTED	1800 E MAIN BARSTOW CA 92311	0.19 SE	44
80	40	PERMITS	LENWOOD AMERICAN GAS FA0001048/INACTIVE	2596 COMMERCE PKWY BARSTOW CA 92311	0.22 NW	45
80	17	PERMITS	CIRCLE K SS 5731 86008571/ACTIVE	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
81	52	UST	CIRCLE K SS 5731 SANBERDO86008571	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
82	18	PERMITS	CIRCLE K STORES INC 2705731 CAL000278576/ACTIVE	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
82	16	PERMITS	CIRCLE K 76 5731 FA0002190/ACTIVE	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
83	77	LUST	DESERT VAN AND STORAGE T0607100748/COMPLETED - CASE CLO	170 EASTGATE RD E BARSTOW CA 92311	0.24 NW	47

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311

JOB: 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
84	53	UST	DESERT VAN and STORAGE, INC. TISID-STATE39616/ACTIVE	170 EASTGATE BARSTOW CA 92311	0.24 NW	47
85	28	PERMITS	SAN BERNARDINO COUNTY DEHS CAH111000042/ACTIVE	861 BARSTOW ROAD BARSTOW CA 92311	0.25 NE	48
86	80	LUST	EXXON 7-3871 T0607100836/OPEN - VERIFICATION	1500 MAIN ST E BARSTOW CA 92311	0.25 NW	49
88	12	PERMITS	SMITH S FEED and FARM SUPPL 90022989/ACTIVE	30878 HWY 58 BARSTOW CA 92311	0.25 NW	50

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
89	93	ERNS	BENDIX FIELD ENG CORP 321669/FIXED FACILITY	GULF STONE DEEP SPACE COMMU FORT IRWIN CA 92311	NON GC	
90	123	ERNS	UNKNOWN 407031/HIGHWAY RELATED	FORT IRWIN RD, 1 MILE NORTH BARSTOW CA 92311	NON GC	
90	122	ERNS	UNKNOWN 13223/UNKNOWN	S. DEWINDER RD OFF:I-15 S O BARSTOW CA	NON GC	
91	144	PERMITS	CLEVELAND TECHNICAL CNTER 92028928/INACTIVE	H and MAIN ST BARSTOW CA 92311	NON GC	
92	129	ERNS	 486967/HIGHWAY RELATED	EASTBOUND I-40 AT HIDDEN SP BARSTOW CA	NON GC	
92	161	PERMITS	WILD WASH GRAVEL MINE and ROAD PIT 98046150/ACTIVE	I-15 and WILD WASH ROAD BARSTOW CA 92311	NON GC	
93	160	PERMITS	VERIZON-LANE MOUNTAIN PT0006912/ACTIVE	10 MI N/O FORT IRWIN RD BARSTOW CA 92311	NON GC	
93	159	PERMITS	VERIZON-BARSTOW B/HILL 93030676/ACTIVE	FORT IRWIN RD BARSTOW CA 92311	NON GC	
94	153	PERMITS	PROFLAME INC 89017762/NOT REPORTED	72 RIVERSIDE DR BARSTOW CA 92311	NON GC	
95	152	PERMITS	NEXTEL COMM CA-6096/BARSTOW OUTLET FA0009522/ACTIVE	33320 I ST BARSTOW CA 92311	NON GC	
95	151	PERMITS	NEW CINGULAR WIRELESS 13402 FA0009037/ACTIVE	33320 I ST BARSTOW CA 92311	NON GC	
96	150	PERMITS	LAIDLAW TRANSIT FA0004351/INACTIVE	190 CAL AVE G BARSTOW CA 92311	NON GC	
97	163	PERMITS	WILDWASH SAND/GRAVEL MINE 97045806/ACTIVE	I-15 and WILDWASH RD BARSTOW CA 92311	NON GC	
98	145	PERMITS	CLEVELAND TECHNICAL CNTER FA0002228/INACTIVE	H and MAIN ST BARSTOW CA 92311	NON GC	
99	138	SWL	NEWBERRY COMPRESSOR STATION WMUD6B362035001/ACTIVE	3 MI SO OF I-40, FORT CADY NEWBERRY SPRIN CA 92365	NON GC	
100	143	PERMITS	CI-BARSTOW WSTWTR RECLAMA 87013960/INACTIVE	2200 E RIVERSIDE DR BARSTOW CA 92311	NON GC	
102	142	PERMITS	BROADWING COMMUNICATIONS LLC FA0007480/ACTIVE	251 SAND STONE CT BARSTOW CA 92311	NON GC	
102	141	PERMITS	BROADWING COMMUNICATIONS PT0012748/ACTIVE	251 SAND STONE CT BARSTOW CA 92311	NON GC	
103	140	PERMITS	BLUE BEACON OF BARSTOW CAL000325784/ACTIVE	2540 HIGH POINT PARKWAY BARSTOW CA 92311	NON GC	
103	139	PERMITS	BARSTOW WATER RECLAMATION FACILI CAL000275273/ACTIVE	2200 RIVERSIDE DR BARSTOW CA 92311	NON GC	

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
104	133	ERNS	UNK. (DUMPED) 62703/UNKNOWN	I-40, E. OF HECTOR NEWBERRY SPRIN CA 92365	NON GC	
104	132	ERNS	UNK 117328/UNKNOWN	I-40 NEAR HECTOR RD NEWBERRY SPRIN CA 92365	NON GC	
105	131	ERNS	MANFREDI MOTOR TRANSIT CO 646966/HIGHWAY RELATED	I-40 WESTBOUND LANE 11MI EA NEWBERRY SPRIN CA 92365	NON GC	
106	88	RCRAGN	BARSTOW LANDFILL CAD982495624/SGN	5 M S OF BARSTOW ON BARSTOW BARSTOW CA 92311	NON GC	
107	146	PERMITS	COFFMAN-WILDWASH SAND and GRAVEL M FA0008532/INACTIVE	I-15 EASTSIDE WILDWASH1/2 BARSTOW CA 92311	NON GC	
108	166	PERMITS	SO CAL GAS/NEWBERRY COMP 86010004/NOT REPORTED	3 MI SO OF I-40 NEWBERRY SPRIN CA 92365	NON GC	
109	175	LUST	BARSTOW WASTEWATER RECLAMATION T0607100772/COMPLETED - CASE CLO	2200 RIVERSIDE RD E BARSTOW CA 92311	NON GC	
110	173	UST	SANTA FE RAILWAY - BARSTOW AST1485/AST SWRCB REG.6V	H and MAIN ST BARSTOW CA	NON GC	
110	172	UST	FEDERAL AVIATION ADMIN TISID-STATE40711/ACTIVE	BARSTOW RML BARSTOW CA 92311	NON GC	
111	171	UST	BARSTOW TISID-STATE358/ACTIVE	W. MAIN ST BARSTOW CA 92311	NON GC	
112	165	PERMITS	SCE-HELENDALE SUBSTATION 01049224/NOT REPORTED	NATIONAL TRAILS HWY HELENDALE CA 92342	NON GC	
114	174	UST	NEWBERRY COMPRESSOR STATION AST547/AST SWRCB REG.7	3 MI S OF I-40 ON FTCADY RD NEWBERRY SPRNG CA 92365	NON GC	
114	170	OTHER	NCLRCA304/NOT REPORTED	434 S SECOND ST APT 1 BARSTOW CA	NON GC	
114	169	OTHER	NCLRCA264/NOT REPORTED	24966 CAMINO DEL SOL ST BARSTOW CA	NON GC	
115	162	PERMITS	WILD WASH GRAVEL MINE and ROAD PIT FA0002822/INACTIVE	I-15 and WILD WASH ROAD BARSTOW CA 92311	NON GC	
116	167	PERMITS	VERIZON-NEWBERRY 93030396/ACTIVE	NATIONAL TRAILS and NEWBERR NEWBERRY SPRIN CA 92365	NON GC	
117	137	SWL	FORT IRWIN RD LAND TREATMENT WMUD6B360331002/ACTIVE	H and MAIN ST PO BOX 879 BARSTOW CA 92311	NON GC	
119	164	PERMITS	E.L. YEAGER- I-15 PROJECT YARD FA0007969/INACTIVE	I-15 FWY AT DALE EVANS APPLE VALLEY CA 92307	NON GC	
120	158	PERMITS	VERIZON WIRELESS 94031708/ACTIVE	33320 I ST BARSTOW CA 92311	NON GC	
121	157	PERMITS	UNITED PARCEL SERVICE INC CAL000156493/ACTIVE	3183 EAST MAIN STREET BARSTOW CA 92311	NON GC	

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
122	156	PERMITS	UNITED PACIFIC ENRGY/BSTW FA0005187/INACTIVE	850 E RIVERSIDE DR BARSTOW CA 92311	NON GC	
123	155	PERMITS	UNITED PACIFIC ENRGY/BSTW 00049060/INACTIVE	850 E RIVERSIDE DR BARSTOW CA 92311	NON GC	
124	154	PERMITS	SENTRY WELDING and EXHAUST FA0008059/ACTIVE	25408 W MAIN ST BARSTOW CA 92311	NON GC	
125	149	PERMITS	HERITAGE PROPANE FA0010594/ACTIVE	RIVERSIDE DR BARSTOW CA 92311	NON GC	
127	148	PERMITS	FE-FAA BARSTOW RCAG B 90020522/NOT REPORTED	L ST BARSTOW CA 92311	NON GC	
128	147	PERMITS	FE-FAA BARSTOW RCAG B 90020521/ACTIVE	L ST BARSTOW CA 92311	NON GC	
129	168	OTHER	FORT IRWIN ROAD DISPOSAL CAL36490092/REFER: RWQCB	FORT IRWIN ROAD BARSTOW CA 92311	NON GC	
131	114	ERNS	UNKNOWN 354337/HIGHWAY RELATED	NB I-15 AT MIDWAY REST MP 1 BARSTOW CA 92311	NON GC	
132	130	ERNS	 256205/HIGHWAY RELATED	MAIN ST. BARSTOW CA	NON GC	
134	86	NFRAP	ATCHISON TOPEKA and SANTA FE RWY C CAD980893937/NFRAP-N	470 L STREET AT H STREET BARSTOW CA 92311	NON GC	
135	124	ERNS	USMC-LOGISTICS BASE BARST 371868/FIXED FAC./UST	USMC LOGISTICS BASE, MAIN S BARSTOW CA 92311	NON GC	
136	121	ERNS	UNKNOWN 226793/HIGHWAY RELATED	NB I-15 ON HALLORAN SUMMIT BARSTOW CA 92311	NON GC	
138	120	ERNS	UNKNOWN 273673/FIXED FACILITY	RIVERSIDE BARSTOW, WASTE WA BARSTOW CA 92311	NON GC	
140	119	ERNS	UNKNOWN 274910/HIGHWAY RELATED	EB I-40, EAST OF NEWBERY RE BARSTOW CA 92311	NON GC	
142	118	ERNS	UNKNOWN 234641/HIGHWAY RELATED	EB I-40 EAST OF E. BROADWAY BARSTOW CA 92311	NON GC	
144	117	ERNS	UNKNOWN 334001/HIGHWAY RELATED	FORT IRWIN ROAD, 9 MI N OF BARSTOW CA 92311	NON GC	
145	89	ERNS	5 MILES WEST OF I-15 WILDWASH ROAD NRC-887723/FIXED	5 MILES WEST OF I-15 WILDWA BARSTOW CA	NON GC	
146	115	ERNS	UNKNOWN 234692/FIXED FACILITY	FORT IRWIN OFFRAMP BARSTOW CA 92311	NON GC	
148	90	ERNS	ALL AMERICAN PIPELINE 378542/FIXED FACILITY	TWELVE GAUGE LAKE STATION, BARSTOW CA 92311	NON GC	
149	113	ERNS	UNKNOWN 371654/HIGHWAY RELATED	SB I-15 SOUTH OF GHOSTOWN R BARSTOW CA 92311	NON GC	

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311

JOB: 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
150	109	ERNS	TRI STATE TRUCKING 467793/HIGHWAY RELATED	MOTEL DOWN THE STREET TRUCK BARSTOW CA 92311	NON GC	
151	108	ERNS	TRI STATE TRUCKING 241375/HIGHWAY RELATED	MOTEL DOWN THE STREET TRUCK BARSTOW CA	NON GC	
152	107	ERNS	SANTE FE RR 474786/RAILROAD	HANE MAIN STREET BARSTOW CA 92311	NON GC	
153	106	ERNS	SANTA FE RAILWAY CO. 440172/RAILROAD	H AND MAIN ST. EAST OF LOCA BARSTOW CA 92311	NON GC	
154	105	ERNS	SANTA FE RAILWAY 493009/FIXED FACILITY	BARSTOW RAIL YARD - MAIN ST BARSTOW CA	NON GC	
155	100	ERNS	PHOENIX TRANSPORTATION 489641/HIGHWAY RELATED	MILEPOST 19 EASTBOUND I-40 BARSTOW CA	NON GC	
156	99	ERNS	MONTGOMERY TANKLINES 465390/HIGHWAY RELATED	I-40 AT MILEPOST 16 BARSTOW CA	NON GC	
157	98	ERNS	MONTGOMERY TANKLINES 162160/HIGHWAY RELATED	I-40 AT MILEPOST 16 BARSTOW CA	NON GC	
158	116	ERNS	UNKNOWN 353602/HIGHWAY RELATED	NB I-15 AT MIDWAY REST MP 1 BARSTOW CA 92311	NON GC	
159	104	ERNS	SANTA FE RAILROAD 414570/FIXED FACILITY	BARSTOW RAIL YARD BARSTOW CA	NON GC	
160	136	STATE	FORT IRWIN ROAD DISPOSAL CAL36490092/PROPERTY/SITE REFERR	FORT IRWIN ROAD BARSTOW CA 92311	NON GC	
164	135	ERNS	UNKNOWN 342511/HIGHWAY RELATED	WB I-40 MILE MARKER 30 NEWBERRY SPRIN CA 92365	NON GC	
165	134	ERNS	UNKNOWN 307689/HIGHWAY RELATED	CENTER DIVIDE I-40 I MI W O NEWBERRY SPRIN CA 92365	NON GC	
166	128	ERNS	415977/HIGHWAY RELATED	S/B I-15 SOUTH OF GHOST TOW BARSTOW CA 92311	NON GC	
167	127	ERNS	NRC-846229/PIPELINE	H STREET BARSTOW CA 92311	NON GC	
170	126	ERNS	50808/UNKNOWN	INTERSECTION BARSTOW RD AND BARSTOW CA	NON GC	
171	125	ERNS	YELLOW FREIGHT 595684/HIGHWAY RELATED	I-15 AND PALMDALE ROAD BARSTOW CA	NON GC	
172	112	ERNS	UNKNOWN 293470/HIGHWAY RELATED	SB I-15, SOUTH OF W. MAIN S BARSTOW CA 92311	NON GC	
174	87	NFRAP	FORT IRWIN RD DSPL CAD980498570/NFRAP-N	FORT IRWIN RD BARSTOW CA 92311	NON GC	
174	110	ERNS	UNK 73374/UNKNOWN	HODGE RD 1/4MI W OF I5 BARSTOW CA 92311	NON GC	

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311

JOB: 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
175	176	LUST	BLDG 143 T72 T0607100852/CASE CLOSED	2ND STREET FORT IRWIN NTC CA 92311	NON GC	
176	103	ERNS	SANTA FE RAILROAD 362070/FIXED FACILITY	H AND MAIN ST, MP 748 BARSTOW CA 92311	NON GC	
177	102	ERNS	SANTA FE RAILROAD 493212/RAILROAD	EAST BARSTOW RAILROAD STATI BARSTOW CA	NON GC	
178	101	ERNS	PRO FLAME GAS 131766/UNKNOWN	RIVERSIDE DRIVE AT THE OLD BARSTOW CA	NON GC	
178	97	ERNS	MAY FLOWER VAN LINE 114473/UNKNOWN	I 15 3/4 MI N OF W MAIN ST BARSTOW CA	NON GC	
179	96	ERNS	BULK TRANSPORTATION 335765/HIGHWAY RELATED	L and WHITE STREETS BARSTOW CA 92311	NON GC	
180	95	ERNS	BULINGTON NORTHERN RAILROAD 536424/RAILROAD	BARSTOW YARD, H + MAIN ST. BARSTOW CA 92311	NON GC	
181	94	ERNS	BNSF RR 536538/RAILROAD	H STREET RAILROAD YARD -TAN BARSTOW CA 92311	NON GC	
182	92	ERNS	ALL AMERICAN PIPELINE/M KING 124159/UNKNOWN	12 MI W OF BARSTOW/S OF ST BARSTOW CA 92311	NON GC	
183	91	ERNS	ALL AMERICAN PIPELINE 377629/FIXED FACILITY	TWELVE GAUGE LAKE STATION, BARSTOW CA 92311	NON GC	
184	111	ERNS	UNKNOWN 189411/HIGHWAY RELATED	I-40 W/B MILEPOST 72 BARSTOW CA	NON GC	

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.01 SE **MAP ID:** 1

NAME: COOL POWER
ADDRESS: I-15 and LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/14/09
ID1: CAD981444532
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
I-15 and LENWOOD RD
BARSTOW CA 92311

PHONE: 6192532922

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 9 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: CITY OF BARSTOW
ADDRESS: INTERSECTION OF I-15 AND LENWOOD RD.
BARSTOW CA
San Bernardino
CONTACT:

REV: 3/12/90 0:
ID1: 465383
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 3/12/1990 **TIME OF SPILL:** 0100

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 200
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE: DIRT

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: SPILLED FUEL COVERED WITH DIRT BY TRUCK STOP PERSONNEL, AFTER BEING ADVISED
RELEASE DETECTION: MATERIAL SPILLED FROM SADDLE TANKS ON TRUCK AFTER TWO
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 465383
TYPE OF DISCHARGER: LOCAL GOVERNMENT
NAME OF DISCHARGER: CITY OF BARSTOW
ADDRESS: 220 E. MOUNTAIN VIEW ST.
BARSTOW CA 92311-

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 10 **DIST/DIR:** 0.02 NW **MAP ID:** 3

NAME: TRANSWESTERN XPRESS
ADDRESS: INTERSECTION OF I-15 AND LENWOOD RD. TRUCK STOP PA
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 3/12/90 0:
ID1: 161921
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 3/12/1990 **TIME OF SPILL:** 0100

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 200
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: DIRT

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: SPILLED FUEL COVERED WITH DIRT BY TRUCK STOP PERSONNEL, AFTER BEING ADVISED TO DO SO BY LOCAL FD. LOCAL POLICE ALSO ON SCENE.
RELEASE DETECTION: MATERIAL SPILLED FROM SADDLE TANKS ON TRUCK AFTER TWO VEHICLE ACCIDENT .
MISC. NOTES: TRUCKS ON DIRT PARKING LOT WHEN THEY HIT. MATERIAL WAS CONTAINED IN SADDLE TANKS. 2ND TRUCK OWNED BY TRIEB TRUCKING; BROWNSBURG, IN.

DISCHARGER INFORMATION
DISCHARGER ID: 161921
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: TRANSWESTERN XPRESS
ADDRESS:
DENVER CO

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 46 **DIST/DIR:** 0.03 SE **MAP ID:** 4

NAME: SO CAL WATER CO-GLEN
ADDRESS: 35724 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 01049526
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0009937*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone: *760 2568040*
Owner Name: *SO CAL WATER CO*
Owner Address: *401 S SAN DIMAS CANYON RD*
Owner Address: *SAN DIMAS CA 91773*
Owner Phone: *909 5924193*

PERMITS

SEARCH ID: 51 **DIST/DIR:** 0.04 SE **MAP ID:** 5

NAME: LENWOOD FUEL
ADDRESS: 2824 LENWOOD RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000327304
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: *11/30/2007 1:42:16 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *2824 LENWOOD RD, BARSTOW, CA 92311-9589*
Owner Name: *GHOLAMHOSSEIN ZAL*
Owner Address: *2824 LENWOOD RD, BARSTOW, CA 92311-9589*
Contact Name: *GHOLAMHOSSEIN ZAL*
Contact Address: *2824 LENWOOD RD, BARSTOW, CA 92311-9589*
Contact Phone: *7602537297*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 50 **DIST/DIR:** 0.04 SE **MAP ID:** 5

NAME:	DIAMOND D FUEL (MOBIL)	**REV:**	02/11/04
ADDRESS:	2824 LENWOOD RD	**ID1:**	97044957
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0009064*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*760 9611188*
Owner Name:	*APPLE INVESTMENT INC*
Owner Address:	*P O BOX 13130*
Owner Address:	*JACKSON WY 83002*
Owner Phone:	*307 7347979*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 73 **DIST/DIR:** 0.04 SE **MAP ID:** 5

NAME:	DIAMOND D FUEL (MOBIL)	**REV:**	04/03/2002
ADDRESS:	2824 LENWOOD RD	**ID1:**	SANBERDO97044957
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	APPLE INVESTMENT INC	**PHONE:**	9611188

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:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010721*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*APPLE INVESTMENT INC*
Owner Phone Number:	*7347979*
Owner Address:	*P O BOX 13130 JACKSON, WY 83002*

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:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010722*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*APPLE INVESTMENT INC*
Owner Phone Number:	*7347979*
Owner Address:	*P O BOX 13130 JACKSON, WY 83002*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 55 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME:	E-Z SERVE 695	**REV:**	01/01/94
ADDRESS:	1700 MAIN	**ID1:**	TISID-STATE39505
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
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: *LAHONTAN RWQCB (REGION 6V)*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90154*
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: *Open - Remediation*
STATUS DATE: *2007-04-25 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): *RESPONSE*
DATE (blank if not reported): *2003-03-21*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-05-05*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-07-24*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-10-30*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-05-02*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-08-18*
ACTION (blank if not reported): *Additional Information Report*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-06-15*
ACTION (blank if not reported): *Corrective Action Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-08-22*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2006-03-14*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-13*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-08-04*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-01-22*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-10*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-21*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-05-07*
ACTION (blank if not reported): *Technical Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-07-15*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2004-09-02*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2004-06-22*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2008-10-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-11-01*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-04-22*
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 Reported*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-11-14*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-02-08*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-10-03*
ACTION (blank if not reported): *Preliminary Site Assessment Workplan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-11-21*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

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): *2005-02-14*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-02-06*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-07-27*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-31*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2003-04-23*
ACTION (blank if not reported): *Staff Letter*

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

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Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

DATE (blank if not reported): *1993-01-12*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2009-04-23*
ACTION (blank if not reported): *Meeting*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2005-09-15*
ACTION (blank if not reported): *VER*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2008-04-15*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-09-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2009-03-02*
ACTION (blank if not reported): *Technical Correspondence / Assistance / Other*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-10-13*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2009-01-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-06-12*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-08-18*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-12-21*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-03-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-11-15*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-10-20*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-06-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-21*
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): *Remove free product*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-17*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Additional Information Workplan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-06*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-12-01*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2008-07-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-10-31*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-04-12*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-04-26*
ACTION (blank if not reported): *Remedial Progress Report*

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2003-04-23*
ACTION (blank if not reported): *Site Visit / Inspection / Sampling*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-07-29*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-11-06*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-12-04*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-02-15*
ACTION (blank if not reported): *Pilot Study Report*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 69 **DIST/DIR:** 0.06 NW **MAP ID:** 7

NAME:	WARREN OPIE WALLIS INC.	**REV:**	01/01/94
ADDRESS:	34474 LENWOOD	**ID1:**	TISID-STATE40459
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 30 **DIST/DIR:** 0.06 NE **MAP ID:** 8

NAME: BNSF
ADDRESS: 200 N AVENUE H
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 91024238
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER FOR FACILITY WITH CORRESPONDING WASTE PERMT. 500 PLUS EMPLOYEES*
Permit Number: *9702106784*
Facility Phone: *760 2557607*
Owner Name: *BNSF*
Owner Address: *740 E CARNEGIE DR*
Owner Address: *SAN BERNARDINO CA 92408*
Owner Phone: *909 3864082*

Permit Category: *HAZARDOUS WASTE GENERATOR. 500 PLUS EMPLOYEES*
Permit Number: *9702106785*
Facility Phone: *760 2557607*
Owner Name: *BNSF*
Owner Address: *740 E CARNEGIE DR*
Owner Address: *SAN BERNARDINO CA 92408*
Owner Phone: *909 3864082*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709093543*
Facility Phone: *760 2557607*
Owner Name: *BNSF*
Owner Address: *740 E CARNEGIE DR*
Owner Address: *SAN BERNARDINO CA 92408*
Owner Phone: *909 3864082*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 32 **DIST/DIR:** 0.06 NE **MAP ID:** 8

NAME: BNSF-BARSTOW
ADDRESS: 200 N AVENUE H
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0001620
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0016577*
Status: *ACTIVE*
Expiration Date: *9/30/2007 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: *UW HANDLER (WITH ANOTHER CUPA PERMIT)*
Permit Number: *PT0016579*
Status: *ACTIVE*
Expiration Date: *9/30/2006 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: *HAZARDOUS WASTE GENERATOR RCRA LQG*
Permit Number: *PT0017010*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *BURLINGTON NO SANTA FE RAILWAY*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 31 **DIST/DIR:** 0.06 NE **MAP ID:** 8

NAME:	BNSF-BARSTOW	**REV:**	02/11/04
ADDRESS:	200 N AVENUE H	**ID1:**	95038032
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 500+ EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0005451*
Status:	*ACTIVE*
Expiration Date:	*9/30/2007 12:00:00AM*
Facility Phone:	*760 2557750*
Owner Name:	*IN-TERMINAL SERVICES*
Owner Address:	*H and MAIN*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 500+ EMPLOYEES*
Permit Number:	*PT0005452*
Status:	*ACTIVE*
Expiration Date:	*9/30/2007 12:00:00AM*
Facility Phone:	*760 2557750*
Owner Name:	*IN-TERMINAL SERVICES*
Owner Address:	*H and MAIN*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 61 **DIST/DIR:** 0.06 SE **MAP ID:** 9

NAME:	VICTORVILLE-BARSTOW TRUCK	**REV:**	01/01/94
ADDRESS:	1550 STATE	**ID1:**	TISID-STATE38782
	BARSTOW CA 91011	**ID2:**	
	Los Angeles	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 60 **DIST/DIR:** 0.06 SE **MAP ID:** 10

NAME:	TERRIBLE HERBST INC 74	**REV:**	07/06/2000
ADDRESS:	1710 E MAIN ST	**ID1:**	SANBERDO86008577
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	NUM OF TANKS: 4
CONTACT:	TERRIBLE HERBST INC	**PHONE:**	000 0000000

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	*4*
Permit Number:	*8602250119*
Permit Category:	*222800*
Owner Name:	*TERRIBLE HERBST INC*
Owner Phone Number:	*702 7986400*
Owner Address:	*5195 LAS VEGAS BLVD SOUTH LAS VEGAS, NV 89119*

UST

SEARCH ID: 59 **DIST/DIR:** 0.06 SE **MAP ID:** 10

NAME:	TERRIBLE HERBST INC 74	**REV:**	01/01/94
ADDRESS:	1710 MAIN	**ID1:**	TISID-STATE39633
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 82 **DIST/DIR:** 0.06 NE **MAP ID:** 11

NAME: ATandSF YARD
ADDRESS: 200 H ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100728
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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90139*
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: *1992-03-27 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): *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): *1991-11-12*
ACTION (blank if not reported): ** Historical Enforcement*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 39 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME: VALERO STATION 3757
ADDRESS: 491 ARMORY RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000323890
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: *8/20/2007 1:10:10 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *685 W 3RD ST, HANFORD, CA 93230-5018*
Owner Name: *VALERO CALIFORNIA RETAIL COMPANY*
Owner Address: *1 VALERO WAY, SAN ANTONIO, TX 78249-1616*
Contact Name: *THOMAS SEXTON*
Contact Address: *685 W 3RD ST, HANFORD, CA 93230-5018*
Contact Phone: *5595833231*

PERMITS

SEARCH ID: 29 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME: BEACON STATION 3757
ADDRESS: 491 ARMORY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 95038518
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UST ONLY*
Permit Number: *PT0008115*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone: *209 5835598*
Owner Name: *ULTRAMAR/DIAMOND/SHAMROCK*
Owner Address: *P O BOX 690127*
Owner Address: *SAN ANTONIO TX 78269*
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 38 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME:	ULTRAMAR STATION 3757	**REV:**	04/16/08
ADDRESS:	491 ARMORY RD	**ID1:**	CAL000239812
	BARSTOW CA 92311	**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:	*10/12/2001*
Inactivity Date:	*8/20/2007*
Facility Mail Name:	
Facility Mailing Address:	*685 W THIRD ST, HANFORD, CA 93230-0000*
Owner Name:	*ULTRAMAR INC*
Owner Address:	*685 W THIRD ST, HANFORD, CA 93230-0000*
Contact Name:	*JULIE JOHNS*
Contact Address:	*685 W THIRD ST, HANFORD, CA 93230-0000*
Contact Phone:	*5595833251*

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 2000-2008:

2008 Waste Type:	
2008 Total Tonnage:	
2007 Waste Type:	*Other organic solids*
2007 Total Tonnage:	*0.1*
2006 Waste Type:	*Other organic solids*
2006 Total Tonnage:	*0.15*
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:	*0.02*
2001 Waste Type:	
2001 Total Tonnage:	
2000 Waste Type:	
2000 Total Tonnage:	

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 62 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME:	BEACON STATION 3757	**REV:**	04/03/2002
ADDRESS:	491 ARMORY	**ID1:**	SANBERDO95038518
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	M and S HAIR, M PITCARIN	**PHONE:**	5835598

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010487*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*ULTRAMAR INC*
Owner Phone Number:	*7923028*
Owner Address:	*501 KERN ST MC FARLAND, CA 93250*

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010488*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*ULTRAMAR INC*
Owner Phone Number:	*7923028*
Owner Address:	*501 KERN ST MC FARLAND, CA 93250*

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010489*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*ULTRAMAR INC*
Owner Phone Number:	*7923028*
Owner Address:	*501 KERN ST MC FARLAND, CA 93250*

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 85 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME: CHEVRON SERVICE STATION
ADDRESS: 2890 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100834
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

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

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LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *94006*
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: *2003-07-07 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): *2002-04-03*
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): *ENFORCEMENT*
DATE (blank if not reported): *1994-02-09*
ACTION (blank if not reported): ** Historical Enforcement*

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*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 49 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	02/11/04
ADDRESS:	2890 LENWOOD RD	**ID1:**	86008557
	BARSTOW CA 92311	**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:	*PT0002067*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*CHEVRON PROD CO*
Owner Address:	*P O BOX 6004*
Owner Address:	*SAN RAMON CA 94583*
Owner Phone:	*510 8429002*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 72 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	04/03/2002
ADDRESS:	2890 LENWOOD RD	**ID1:**	SANBERDO86008557
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	CHEVRON PROD CO	**PHONE:**	0000000

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:	*PT0012275*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

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:	*PT0012276*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

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:	*PT0012277*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 72 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	04/03/2002
ADDRESS:	2890 LENWOOD RD	**ID1:**	SANBERDO86008557
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	CHEVRON PROD CO	**PHONE:**	0000000

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:	*PT0012278*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 71 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	01/01/94
ADDRESS:	I15 AT LENWOOD RD	**ID1:**	TISID-STATE40791
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

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Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 5 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9 9752	**REV:**	7/14/09
ADDRESS:	2890 LENWOOD RD	**ID1:**	CAD983635889
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: MARK KANITRA
P O BOX 2833
LA HABRA CA 90632

PHONE: 3106947452

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 65 **DIST/DIR:** 0.07 NW **MAP ID:** 14

NAME:	DESERT DISTRIBUTING COMPANY	**REV:**	01/01/94
ADDRESS:	34337 LENWOOD	**ID1:**	TISID-STATE38916
	LENWOOD CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

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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.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 34 **DIST/DIR:** 0.07 SE **MAP ID:** 15

NAME:	DESERT DENTAL GROUP	**REV:**	04/16/08
ADDRESS:	945 ARMORY RD STE C	**ID1:**	CAL000301077
	BARSTOW CA 92311	**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:	*12/6/2005 8:09:23 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*945 ARMORY RD STE C, BARSTOW, CA 92311-5461*
Owner Name:	*TARIQ H. ALSAMAAN DDS*
Owner Address:	*945 ARMORY RD STE C, BARSTOW, CA 92311-5461*
Contact Name:	*KATHLEEN DEVOTE*
Contact Address:	*945 ARMORY RD STE C, BARSTOW, CA 92311-5461*
Contact Phone:	*7602527070*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Unspecified organic liquid mixture*
Total Tonnage per Year:	*0.00834*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 36 **DIST/DIR:** 0.08 SE **MAP ID:** 16

NAME: LUCKY DRY CLEANERS
ADDRESS: 967 ARMORY RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 00048251
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *0004043379*
Facility Phone: *760 2523134*
Owner Name: *HARSHADRAI PATEL*
Owner Address: *5875 HWY 58*
Owner Address: *BORON CA 93516*
Owner Phone: *760 7626379*

Permit Category: *HAZARDOUS WASTE GENERATOR. LIMITED QUANTITY GENERATOR-LESS THAN 5 GALLONS PER MONTH.*
Permit Number: *0004043380*
Facility Phone: *760 2523134*
Owner Name: *HARSHADRAI PATEL*
Owner Address: *5875 HWY 58*
Owner Address: *BORON CA 93516*
Owner Phone: *760 7626379*

Permit Category: *HAZARDOUS MATERIAL HANDLER. SPECIAL HANDLER*
Permit Number: *0004043381*
Facility Phone: *760 2523134*
Owner Name: *HARSHADRAI PATEL*
Owner Address: *5875 HWY 58*
Owner Address: *BORON CA 93516*
Owner Phone: *760 7626379*

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRANLR

SEARCH ID: 6 **DIST/DIR:** 0.09 SE **MAP ID:** 17

NAME:	OMS 2	**REV:**	2/14/05
ADDRESS:	DILL RD	**ID1:**	CAD981368905
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NLR
CONTACT:	ENVIRONMENTAL MANAGER	**PHONE:**	9169206505

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
DILL RD
BARSTOW CA 92311

PHONE: 9169206505

UNIVERSE INFORMATION:

PREM WRKLD:	-----
CLOSURE WRKLD:	-----
P C WRKLD:	-----
SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
CA WRKLD:	N - NO
GEN STATUS:	N

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.09 SE **MAP ID:** 17

NAME:	OMS 2 CALIFORNIA NATIONAL GUARD	**REV:**	7/14/09
ADDRESS:	1601 ARMORY ROAD	**ID1:**	CAD981368905
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	LGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
DILL RD
BARSTOW CA 92311

PHONE: 9169206505

UNIVERSE INFORMATION:

NAIC INFORMATION

811111 - GENERAL AUTOMOTIVE REPAIR

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Lindane (1,2,3,4,5,6-hexa-chlorocyclohexane, gamma isomer)
Ignitable waste
Corrosive waste

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 43 **DIST/DIR:** 0.09 SE **MAP ID:** 18

NAME: FLYING J. INC.
ADDRESS: 2611 FISHER BLVD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: PT0000048
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UST ONLY*
Permit Number: *PT0000048*
Status: *ACTIVE*
Expiration Date: *2/28/2007 12:00:00AM*
Facility Phone:
Owner Name: *FLYING J. INC*
Owner Address:
Owner Address:
Owner Phone:

UST

SEARCH ID: 75 **DIST/DIR:** 0.09 SE **MAP ID:** 19

NAME: WEBSTER OIL
ADDRESS: 2880 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT: WEBSTER, IRENE

REV: 01/19/99
ID1: SANBERDO86008612
ID2:
STATUS:
PHONE:

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Owner Name: *WEBSTER, IRENE*
Owner Address: *2880 LENWOOD RD BARSTOW, CA 92311*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 68 **DIST/DIR:** 0.09 NW **MAP ID:** 20

NAME:	PILOT OIL 282	**REV:**	04/03/2002
ADDRESS:	2591 COMMERCE PKWY	**ID1:**	SANBERDO92027875
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	
CONTACT:	PILOT OIL CORPORATION	**PHONE:**	2532861

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010263*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PILOT OIL CORPORATION*
Owner Phone Number:	*0000000*
Owner Address:	*P O BOX 10146 KNOXVILLE, TN 379390146*

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010264*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PILOT OIL CORPORATION*
Owner Phone Number:	*0000000*
Owner Address:	*P O BOX 10146 KNOXVILLE, TN 379390146*

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010265*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PILOT OIL CORPORATION*
Owner Phone Number:	*0000000*
Owner Address:	*P O BOX 10146 KNOXVILLE, TN 379390146*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 27 **DIST/DIR:** 0.09 NE **MAP ID:** 21

NAME:	BARSTOW FIRE PROTECTION DIST	**REV:**	04/16/08
ADDRESS:	861 BARSTOW RD	**ID1:**	CAL000269262
	BARSTOW CA 92311	**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:	*4/18/2003 11:26:46 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*861 BARSTOW RD, BARSTOW, CA 92311-3903*
Owner Name:	*BARSTOW FIRE PROTECTION DIST*
Owner Address:	*861 BARSTOW RD, BARSTOW, CA 92311-3903*
Contact Name:	*LORRAINE BARNES/PAI-X22*
Contact Address:	*861 BARSTOW RD, BARSTOW, CA 92311-3903*
Contact Phone:	*7602562254*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 37 **DIST/DIR:** 0.10 SE **MAP ID:** 22

NAME:	ST-CA ARMY NAT L GRD OMS2	**REV:**	02/11/04
ADDRESS:	1601 ARMORY RD	**ID1:**	89019297
	BARSTOW CA 92311	**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:	*PT0004478*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Address:	*P O BOX 269101 ATTN;CAMN*
Owner Address:	*SACRAMENTO CA 95826*
Owner Phone:	*916 8543340*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0004479*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Address:	*P O BOX 269101 ATTN;CAMN*
Owner Address:	*SACRAMENTO CA 95826*
Owner Phone:	*916 8543340*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 63 **DIST/DIR:** 0.10 SE **MAP ID:** 22

NAME:	ST-CA ARMY NAT L GRD OMS2	**REV:**	04/03/2002
ADDRESS:	1601 ARMORY RD	**ID1:**	SANBERDO89019297
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	STATE OF CA MILITARY DEPT	**PHONE:**	0000000

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:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010796*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Phone Number:	*8543340*
Owner Address:	*P O BOX 269101 ATTN;CAMN SACRAMENTO, CA 958269101*

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:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010797*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Phone Number:	*8543340*
Owner Address:	*P O BOX 269101 ATTN;CAMN SACRAMENTO, CA 958269101*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 33 **DIST/DIR:** 0.10 NE **MAP ID:** 23

NAME: CO-HHW SATELLITE-BARSTOW
ADDRESS: 900 S AVENUE H
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 00048965
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *PBR - HHW ANNUAL FEE*
Permit Number: *PT0001247*
Status: *FEE EXEMPT*
Expiration Date: *12/31/2005 12:00:00AM*
Facility Phone: *909 3825401*
Owner Name: *SBCOFD HHW PROGRAM*
Owner Address: *2824 E W ST*
Owner Address: *SAN BERNARDINO CA 92415*
Owner Phone: *909 3825401*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *GENERATOR - 0-10 EMPLOYEES*
Permit Number: *PT0001248*
Status: *FEE EXEMPT*
Expiration Date: *12/31/2005 12:00:00AM*
Facility Phone: *909 3825401*
Owner Name: *SBCOFD HHW PROGRAM*
Owner Address: *2824 E W ST*
Owner Address: *SAN BERNARDINO CA 92415*
Owner Phone: *909 3825401*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - USED OIL COLLECTION CENTERS*
Permit Number: *PT0001249*
Status: *INACTIVE*
Expiration Date: *12/31/2005 12:00:00AM*
Facility Phone: *909 3825401*
Owner Name: *SBCOFD HHW PROGRAM*
Owner Address: *2824 E W ST*
Owner Address: *SAN BERNARDINO CA 92415*
Owner Phone: *909 3825401*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number: *PT0001250*
Status: *FEE EXEMPT*
Expiration Date: *12/31/2005 12:00:00AM*
Facility Phone: *909 3825401*
Owner Name: *SBCOFD HHW PROGRAM*
Owner Address: *2824 E W ST*
Owner Address: *SAN BERNARDINO CA 92415*
Owner Phone: *909 3825401*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 35 **DIST/DIR:** 0.10 NE **MAP ID:** 23

NAME:	HHW SATELLITE-BARSTOW	**REV:**	09/26/06
ADDRESS:	900 S AVENUE H	**ID1:**	FA0002302
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	FEE EXEMPT
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*UW HANDLER (WITH ANOTHER CUPA PERMIT)*
Permit Number:	*PT0016778*
Status:	*FEE EXEMPT*
Expiration Date:	*12/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*SAN BERNARDINO COUNTY FIRE-HHW*
Owner Address:	
Owner Address:	
Owner Phone:	

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 54 **DIST/DIR:** 0.10 NW **MAP ID:** 24

NAME:	DRYGULCH SHELL	**REV:**	07/06/2000
ADDRESS:	1601 E MAIN ST	**ID1:**	SANBERDO86008574
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	NUM OF TANKS: 4
CONTACT:	EQUILON ENT., L.L.C.	**PHONE:**	760 2562037

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	*4*
Permit Category:	*222800*
Owner Name:	*EQUILON ENT., L.L.C.*
Owner Phone Number:	*4574335*
Owner Address:	*2255 N ONTARIO ST 208A BURBANK, CA 91504*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	*4*
Permit Category:	*222800*
Owner Name:	*EQUILON ENT., L.L.C.*
Owner Phone Number:	*4843811*
Owner Address:	*3200 E INLAND EMPIRE BLVD 275 ONTARIO, CA 917645513*

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 78 **DIST/DIR:** 0.10 NW **MAP ID:** 24

NAME: DRY GULCH SHELL
ADDRESS: 1601 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100933
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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *99015*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Under Investigation*
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: *2000-01-20 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): *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): *1999-01-26*
ACTION (blank if not reported): ** Historical Enforcement*

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*

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.10 NW **MAP ID:** 24

NAME: SHELL SERVICE STATION
ADDRESS: 1601 E MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/14/09
ID1: CAR000097667
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: SONDRA BIENVENU
P O BOX 2648
HOUSTON TX 772522648

PHONE: 7132415036

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste
Benzene

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 1 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	EXXONMOBIL OIL CORPORATION NO 12497	**REV:**	7/14/09
ADDRESS:	1600 E MAIN ST	**ID1:**	CAL000055704
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	LGN
CONTACT:		**PHONE:**	

SITE INFORMATION

UNIVERSE INFORMATION:

NAIC INFORMATION

44711 - GASOLINE STATIONS WITH CONVENIENCE STORES

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 19 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME: FREEWAY AUTOMOTIVE
ADDRESS: 1600 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0008936
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL HANDLER*
Permit Number: *PT0014998*
Status: *INACTIVE*
Expiration Date: *8/31/2004 12:00:00AM*
Facility Phone:
Owner Name: *CHUY, MARCUS*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0014999*
Status: *INACTIVE*
Expiration Date: *8/31/2004 12:00:00AM*
Facility Phone:
Owner Name: *CHUY, MARCUS*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 22 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME: MOBIL R/S 12497
ADDRESS: 1600 E MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 86008573
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UST ONLY*
Permit Number: *PT0002073*
Status: *ACTIVE*
Expiration Date: *10/31/2006 12:00:00AM*
Facility Phone: *760 2551107*
Owner Name: *MOBIL CORPORATION*
Owner Address: *3655 TORRANCE BLVD 3655*
Owner Address: *TORRANCE CA 90503*
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *GENERATOR - 0-10 EMPLOYEES*
Permit Number: *PT0002074*
Status: *INACTIVE*
Expiration Date: *10/31/2005 12:00:00AM*
Facility Phone: *760 2551107*
Owner Name: *MOBIL CORPORATION*
Owner Address: *3655 TORRANCE BLVD 3655*
Owner Address: *TORRANCE CA 90503*
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 56 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	FUELS MANAGEMENT INC	**REV:**	04/03/2002
ADDRESS:	1600 E MAIN ST	**ID1:**	SANBERDO86008573
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	MOBIL CORPORATION	**PHONE:**	2551107

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:	*PT0012294*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

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:	*PT0012295*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

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:	*PT0012296*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 56 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	FUELS MANAGEMENT INC	**REV:**	04/03/2002
ADDRESS:	1600 E MAIN ST	**ID1:**	SANBERDO86008573
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	MOBIL CORPORATION	**PHONE:**	2551107

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:	*PT0012297*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

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:	*PT0012298*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 57 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	GAIL S MOBIL	**REV:**	01/01/94
ADDRESS:	1600 MAIN	**ID1:**	TISID-STATE40287
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 81 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME: MOBIL STATION 18-H5X
ADDRESS: 1600 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100938
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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *99030*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Under Investigation*
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: *2000-09-06 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): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
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): *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): *1999-02-03*
ACTION (blank if not reported): ** Historical Enforcement*

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 84 **DIST/DIR:** 0.11 NW **MAP ID:** 26

NAME:	RIP GRIFFIN TRUCK SERVICE CNTR	**REV:**	04/28/09
ADDRESS:	2930 LENWOOD RD	**ID1:**	T0607100753
	BARSTOW CA 92311	**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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90131*
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: *1991-09-11 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): *ENFORCEMENT*
DATE (blank if not reported): *1991-08-26*
ACTION (blank if not reported): ** Historical Enforcement*

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: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 47 **DIST/DIR:** 0.11 NW **MAP ID:** 26

NAME:	TRAVEL CENTER OF AMERICA	**REV:**	04/16/08
ADDRESS:	2930 LENWOOD RD	**ID1:**	CAL000289914
	BARSTOW CA 92311	**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:	*12/31/2004 2:03:15 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*2930 LENWOOD RD, BARSTOW, CA 92311-0000*
Owner Name:	*TRAVEL CENTER OF AMERICA*
Owner Address:	*24601 CENTER RIDGE RD, WESTLAKE, OH 44145-0000*
Contact Name:	*TRACY TEMPLETON*
Contact Address:	*2930 LENWOOD RD, BARSTOW, CA 92311-0000*
Contact Phone:	*7602532922*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 45 **DIST/DIR:** 0.11 NW **MAP ID:** 26

NAME:	R GRIFFEN TRUCK SERV CNTR	**REV:**	02/11/04
ADDRESS:	2930 LENWOOD RD	**ID1:**	87013739
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0003349*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*R GRIFFEN TRUCK SERV CNTR*
Owner Address:	*P O BOX 10128*
Owner Address:	*LUBBOCK TX 79408*
Owner Phone:	*0000000*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL HANDLER*
Permit Number:	*PT0003350*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*R GRIFFEN TRUCK SERV CNTR*
Owner Address:	*P O BOX 10128*
Owner Address:	*LUBBOCK TX 79408*
Owner Phone:	*0000000*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 48 **DIST/DIR:** 0.12 SE **MAP ID:** 27

NAME:	BARSTOW HARVEY HOUSE SHELL, INC.	**REV:**	02/11/04
ADDRESS:	2870 LENWOOD RD	**ID1:**	86008558
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0002068*
Status:	*ACTIVE*
Expiration Date:	*3/31/2007 12:00:00AM*
Facility Phone:	*619 2535615*
Owner Name:	*JONES, GARA (PRES)*
Owner Address:	*1683 HACIENDA DR*
Owner Address:	*EL CAJON CA 92020*
Owner Phone:	*619 5625377*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 70 **DIST/DIR:** 0.12 SE **MAP ID:** 27

NAME:	BARSTOW HARVEY HSE SHELL	**REV:**	04/03/2002
ADDRESS:	2870 LENWOOD RD	**ID1:**	SANBERDO86008558
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	JONES, GARA (PRES)	**PHONE:**	2535615

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012279*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*JONES, GARA (PRES)*
Owner Phone Number:	*5625377*
Owner Address:	*1683 HACIENDA DR EL CAJON, CA 92020*

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012280*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*JONES, GARA (PRES)*
Owner Phone Number:	*5625377*
Owner Address:	*1683 HACIENDA DR EL CAJON, CA 92020*

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:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012281*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*JONES, GARA (PRES)*
Owner Phone Number:	*5625377*
Owner Address:	*1683 HACIENDA DR EL CAJON, CA 92020*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 74 **DIST/DIR:** 0.12 SE **MAP ID:** 27

NAME:	HARVEY HOUSE SHELL	**REV:**	01/01/94
ADDRESS:	I15 and LENWOOD RD	**ID1:**	TISID-STATE39094
	BARSTOW CA 92311	**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: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 58 **DIST/DIR:** 0.13 SE **MAP ID:** 28

NAME:	H and B SHEET METAL INC	**REV:**	01/01/94
ADDRESS:	111 CAL	**ID1:**	TISID-STATE39091
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 25 **DIST/DIR:** 0.14 NE **MAP ID:** 29

NAME:	FOOD 4 LESS 312	**REV:**	04/16/08
ADDRESS:	580 E VIRGINIA WAY	**ID1:**	CAL000320495
	BARSTOW CA 92311	**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:	*6/7/2007 1:39:21 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*1100 W ARTESIA BLVD, COMPTON, CA 90220*
Owner Name:	*FOOD 4 LESS*
Owner Address:	*1100 W ARTESIA BLVD, COMPTON, CA 90220*
Contact Name:	*GAYEANN DENHAM*
Contact Address:	*1100 W ARTESIA BLVD, COMPTON, CA 90220*
Contact Phone:	*3109003284*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 13 **DIST/DIR:** 0.15 NW **MAP ID:** 30

NAME: BRUBAKER-MANN INC
ADDRESS: 36011 SOAPMINE RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000248940
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: *3/28/2002 1:46:59 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *PO BOX 489, BARSTOW, CA 92312-0000*
Owner Name: *william mann*
Owner Address: *36011 SOAPMINE RD, BARSTOW, CA 92311*
Contact Name: *julie mann*
Contact Address: *PO BOX 489, BARSTOW, CA 92312-0000*
Contact Phone: *7602562520*

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 2000-2008:

2008 Waste Type:
2008 Total Tonnage:
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: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 8 **DIST/DIR:** 0.15 SW **MAP ID:** 31

NAME:	HELMER CONSTRUCTION	**REV:**	2/8/1990
ADDRESS:	1060 MADRONA	**ID1:**	465220
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	FIXED FACILITY
CONTACT:		**PHONE:**	

DETAILS NOT AVAILABLE

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 7 **DIST/DIR:** 0.15 SW **MAP ID:** 31

NAME: HELMER CONSTRUCTION
ADDRESS: 1060 MADRONA
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:
REV: 2/8/90 0:0
ID1: 159763
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 2/8/1990 **TIME OF SPILL:** 1200

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: SOIL

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: NONE
RELEASE DETECTION: BARRELS OF DIESEL IS LEAKING AT THE LOCATION
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 159763
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: HELMER CONSTRUCTION
ADDRESS: 1060 MADRONA
BARSTOW CA
DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 26 **DIST/DIR:** 0.15 NE **MAP ID:** 32

NAME: FOOD 4 LESS 312
ADDRESS: 580 VIRGINIA WAY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 95032535
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0007335*
Status:	*ACTIVE*
Expiration Date:	*10/31/2006 12:00:00AM*
Facility Phone:	*619 2552233*
Owner Name:	*FOOD 4 LESS OF CALIF, INC*
Owner Address:	*777 S HARBOR BLVD*
Owner Address:	*LA HABRA CA 90631*
Owner Phone:	*714 7382000*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 64 **DIST/DIR:** 0.15 NW **MAP ID:** 33

NAME:	ARCO AM/PM MINI MART	**REV:**	04/03/2002
ADDRESS:	2594 COMMERCE PKWY	**ID1:**	SANBERDO93029296
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	
CONTACT:	PLIES COMPANIES	**PHONE:**	2534193

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:	*PT0010290*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2002*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

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:	*PT0010291*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2002*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

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:	*PT0010292*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 64 **DIST/DIR:** 0.15 NW **MAP ID:** 33

NAME:	ARCO AM/PM MINI MART	**REV:**	04/03/2002
ADDRESS:	2594 COMMERCE PKWY	**ID1:**	SANBERDO93029296
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	
CONTACT:	PLIES COMPANIES	**PHONE:**	2534193

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:	*PT0010293*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 83 **DIST/DIR:** 0.16 NE **MAP ID:** 34

NAME: BARSTOW CITY CORPORATE YARD
ADDRESS: 900 H ST S
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100708
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

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

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LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90148*
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: *1995-06-13 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 Discovery*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1992-07-29*
ACTION (blank if not reported): ** Historical Enforcement*

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*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 15 **DIST/DIR:** 0.16 SE **MAP ID:** 35

NAME: BandD AUTOMOTIVE
ADDRESS: 1800 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000240265
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: *1/23/2002*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *1800 E MAIN ST, BARSTOW, CA 92311-0000*
Owner Name: *MICHAEL BALLESTRACCI*
Owner Address: *1800 E MAIN ST, BARSTOW, CA 92311-0000*
Contact Name: *MICHAEL BALLESTRACCI - OWNER*
Contact Address: *1800 E MAIN ST, BARSTOW, CA 92311-0000*
Contact Phone: *7602566408*

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 2000-2008:

2008 Waste Type:
2008 Total Tonnage:
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:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 42 **DIST/DIR:** 0.16 SE **MAP ID:** 36

NAME:	FLYING J TRAVEL PLAZA	**REV:**	04/16/08
ADDRESS:	2611 FISHER BLVD	**ID1:**	CAL000286805
	BARSTOW CA 92311	**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:	*9/27/2004 2:48:33 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*333 WEST CENTER ST, NORTH SALT LAKE, UT 84054-0180*
Owner Name:	*CFJ PROPERTIES*
Owner Address:	*333 W CENTER STREET, NORTH SALT LAKE, UT 84054-0000*
Contact Name:	*S CARTER/ENVT L COORDINATOR*
Contact Address:	*333 W CENTER STREET, NORTH SALT LAKE, UT 84054-0000*
Contact Phone:	*8012967700*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Other organic solids*
Total Tonnage per Year:	*0.55*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Oil/water separation sludge*
Total Tonnage per Year:	*0.4587*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Unspecified oil-containing waste*
Total Tonnage per Year:	*0.1*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 41 **DIST/DIR:** 0.16 SE **MAP ID:** 36

NAME:	FLYING J	**REV:**	12/11/01
ADDRESS:	2611 FISHER	**ID1:**	00047969
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NOT REPORTED
CONTACT:		**PHONE:**	

Permit Category:	*HAZARDOUS MATERIAL HANDLER*
Permit Number:	*0001182503*
Facility Phone:	
Owner Name:	*PDG INC*
Owner Address:	*50 WEST 990 SOUTH*
Owner Address:	*BIRGHAM CITY VT 84302*
Owner Phone:	*801 7346507*

Permit Category:	*STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number:	*0001182504*
Facility Phone:	
Owner Name:	*PDG INC*
Owner Address:	*50 WEST 990 SOUTH*
Owner Address:	*BIRGHAM CITY VT 84302*
Owner Phone:	*801 7346507*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 21 **DIST/DIR:** 0.16 SE **MAP ID:** 37

NAME: H and B MECHANICAL INC
ADDRESS: 111 CAL AVE
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 95037599
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0007998*
Status: *ACTIVE*
Expiration Date: *5/31/2007 12:00:00AM*
Facility Phone: *760 2568401*
Owner Name: *KURTISS/BOSCOandMERCER LAW*
Owner Address: *111 CAL AVE*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2568401*

PERMITS

SEARCH ID: 23 **DIST/DIR:** 0.16 SE **MAP ID:** 38

NAME: MV TRANSPORTATION INC
ADDRESS: 1612 STATE ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000275415
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: *10/15/2003 2:32:51 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *360 CAMPUS LN STE 201, FAIRFIELD, CA 94534*
Owner Name: *MV TRANSPORTATION INC*
Owner Address: *360 CAMPUS LN STE 201, FAIRFIELD, CA 94534*
Contact Name: *ANGEL PLANCHON*
Contact Address: *360 CAMPUS LN STE 201, FAIRFIELD, CA 94534*
Contact Phone: *7078638721*

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: BARSTOW CA 92311

JOB: 206725003

SWL

SEARCH ID: 11 **DIST/DIR:** 0.17 SW **MAP ID:** 39

NAME: MADRONA ILLEGAL LF
ADDRESS: 1040 MADRONA ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 02/01/99
ID1: SWIS36-CR-0054
ID2:
STATUS: CLEAN CLOSED
PHONE:

Activity: *Solid Waste Disposal Site*
Accepted Waste:
Operational Status: *Clean Closed*
Regulatory Status *Unpermitted*
Closure Date: *10/18/1995*
Closure Type: *Estimated*
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*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 44 **DIST/DIR:** 0.17 NW **MAP ID:** 40

NAME:	LENWOOD SERVICE STATION LP	**REV:**	04/16/08
ADDRESS:	2800 LENWOOD RD	**ID1:**	CAL000329056
	BARSTOW CA 92311	**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:	*1/24/2008 1:32:18 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*PO BOX 1958, CORONA, CA 92878-1958*
Owner Name:	*LENWOOD SERVICE STATION LP*
Owner Address:	*224 S JOY ST, CORONA, CA 92879-1547*
Contact Name:	*DOUG LINDSEY*
Contact Address:	*224 S JOY ST, CORONA, CA 92879-1547*
Contact Phone:	*9515385925*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 66 **DIST/DIR:** 0.18 SE **MAP ID:** 41

NAME:	FLYING J	**REV:**	04/03/2002
ADDRESS:	2611 FISHER	**ID1:**	SANBERDO00047969
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	PDG INC	**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:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012647*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

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:	*PT0012648*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

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:	*PT0012649*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 66 **DIST/DIR:** 0.18 SE **MAP ID:** 41

NAME:	FLYING J	**REV:**	04/03/2002
ADDRESS:	2611 FISHER	**ID1:**	SANBERDO00047969
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	PDG INC	**PHONE:**	

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:	*PT0012650*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

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:	*PT0012651*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 67 **DIST/DIR:** 0.18 SE **MAP ID:** 41

NAME:	FLYING J	**REV:**	07/04/2001
ADDRESS:	2611 FISHER	**ID1:**	SANBERDO47969
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NUMBER OF TANKS 5
CONTACT:	PDG INC	**PHONE:**	

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:	*5*
Permit Category:	
Owner Name:	*PDG INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 20 **DIST/DIR:** 0.18 SE **MAP ID:** 42

NAME:	H and B MECHANICAL INC	**REV:**	04/16/08
ADDRESS:	111 CAL AVENUE	**ID1:**	CAL000152995
	BARSTOW CA 92311	**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:	*2/17/1998*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*111 CAL AVENUE, BARSTOW, CA 92311-0000*
Owner Name:	*KURTISS BOSCO*
Owner Address:	*111 CAL AVENUE, BARSTOW, CA 92311-0000*
Contact Name:	*HEATHER SAENZ/OFFICE MANAGER*
Contact Address:	*111 CAL AVENUE, BARSTOW, CA 92311-0000*
Contact Phone:	*7602568401*

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 2000-2008:

2008 Waste Type:	
2008 Total Tonnage:	
2007 Waste Type:	
2007 Total Tonnage:	
2006 Waste Type:	
2006 Total Tonnage:	
2005 Waste Type:	*Asbestos containing waste*
2005 Total Tonnage:	*0.84*
2004 Waste Type:	
2004 Total Tonnage:	
2003 Waste Type:	
2003 Total Tonnage:	
2002 Waste Type:	
2002 Total Tonnage:	
2001 Waste Type:	*Asbestos containing waste*
2001 Total Tonnage:	*1.09*
2000 Waste Type:	
2000 Total Tonnage:	

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 76 **DIST/DIR:** 0.19 SE **MAP ID:** 43

NAME:	BARSTOW STATION UNOCAL	**REV:**	04/28/09
ADDRESS:	1501 MAIN ST E	**ID1:**	T0607100741
	BARSTOW CA 92311	**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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *87080*
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: *1990-04-13 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 Discovery*

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

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 14 **DIST/DIR:** 0.19 SE **MAP ID:** 44

NAME:	B and D AUTOMOTIVE	**REV:**	02/11/04
ADDRESS:	1800 E MAIN ST B	**ID1:**	01049361
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL HANDLER*
Permit Number:	*PT0000750*
Status:	*ACTIVE*
Expiration Date:	*4/30/2007 12:00:00AM*
Facility Phone:	*760 8566408*
Owner Name:	*MIKE BAILESTRACCI*
Owner Address:	*1800 E MAIN ST 1800*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 6566408*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0000751*
Status:	*ACTIVE*
Expiration Date:	*4/30/2007 12:00:00AM*
Facility Phone:	*760 8566408*
Owner Name:	*MIKE BAILESTRACCI*
Owner Address:	*1800 E MAIN ST 1800*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 6566408*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 24 **DIST/DIR:** 0.19 SE **MAP ID:** 44

NAME: RPM
ADDRESS: 1800 E MAIN
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 99047803
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS WASTE GENERATOR. SPECIAL GENERATOR-ALL WASTES RECYCLED.*
Permit Number: *9911101884*
Facility Phone: *760 2552206*
Owner Name: *RPM*
Owner Address: *1800 E MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2552206*

Permit Category: *HAZARDOUS MATERIAL HANDLER. SPECIAL HANDLER*
Permit Number: *9911101885*
Facility Phone: *760 2552206*
Owner Name: *RPM*
Owner Address: *1800 E MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2552206*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9911101886*
Facility Phone: *760 2552206*
Owner Name: *RPM*
Owner Address: *1800 E MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2552206*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 40 **DIST/DIR:** 0.22 NW **MAP ID:** 45

NAME: LENWOOD AMERICAN GAS
ADDRESS: 2596 COMMERCE PKWY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0001048
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UST ONLY*
Permit Number: *PT0006567*
Status: *INACTIVE*
Expiration Date: *7/31/2003 12:00:00AM*
Facility Phone:
Owner Name: *PLIES, DANIEL L.*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 17 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME: CIRCLE K SS 5731
ADDRESS: 1501 E MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 86008571
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0002072*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone: *619 2566811*
Owner Name: *CIRCLE K STORES INC*
Owner Address: *P O BOX 52085*
Owner Address: *PHOENIX AZ 85072*
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 52 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME:	CIRCLE K SS 5731	**REV:**	04/03/2002
ADDRESS:	1501 E MAIN ST	**ID1:**	SANBERDO86008571
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	CIRCLE K STORES INC	**PHONE:**	2566811

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:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012292*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CIRCLE K STORES, INC.*
Owner Phone Number:	
Owner Address:	*P O BOX 52085 PHOENIX, AZ 85072*

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:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012293*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CIRCLE K STORES, INC.*
Owner Phone Number:	
Owner Address:	*P O BOX 52085 PHOENIX, AZ 85072*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 18 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME: CIRCLE K STORES INC 2705731
ADDRESS: 1501 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000278576
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: *1/23/2004 1:46:47 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *495 E RINCON STE 150, CORONA, CA 92879*
Owner Name: *CIRCLE K STORES INC*
Owner Address: *495 E RINCON STE 150, CORONA, CA 92879*
Contact Name: *RICH GOSSETT*
Contact Address: *495 E RINCON STE 150, CORONA, CA 92879*
Contact Phone: *9092705193*

PERMITS

SEARCH ID: 16 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME: CIRCLE K 76 5731
ADDRESS: 1501 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0002190
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *LIMITED QUANTITY GENERATOR(B)*
Permit Number: *PT0014303*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *CIRCLE K STORES, INC.*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 77 **DIST/DIR:** 0.24 NW **MAP ID:** 47

NAME: DESERT VAN AND STORAGE
ADDRESS: 170 EASTGATE RD E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100748
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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *92003*
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: *1993-02-24 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): *1992-03-05*
ACTION (blank if not reported): ** Historical Enforcement*

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*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 53 **DIST/DIR:** 0.24 NW **MAP ID:** 47

NAME:	DESERT VAN and STORAGE, INC.	**REV:**	01/01/94
ADDRESS:	170 EASTGATE	**ID1:**	TISID-STATE39616
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 28 **DIST/DIR:** 0.25 NE **MAP ID:** 48

NAME:	SAN BERNARDINO COUNTY DEHS	**REV:**	04/16/08
ADDRESS:	861 BARSTOW ROAD	**ID1:**	CAH111000042
	BARSTOW CA 92311	**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:	*5/16/1990*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*385 N ARROWHEAD AVENUE, SAN BERNARDINO, CA 92415-0000*
Owner Name:	*SAN BERNARDINO COUNTY*
Owner Address:	*, ,*
Contact Name:	
Contact Address:	*, ,*
Contact Phone:	

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

1999 Waste Type:	*Household waste*
1999 Total Tonnage:	*16.2388*
1998 Waste Type:	*Household waste*
1998 Total Tonnage:	*10.1031*
1997 Waste Type:	*Household waste*
1997 Total Tonnage:	*10.0592*
1996 Waste Type:	*Household waste*
1996 Total Tonnage:	*0.6243*
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 2000-2008:

2008 Waste Type:	
2008 Total Tonnage:	
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:	*Household waste*
2001 Total Tonnage:	*0.29*
2000 Waste Type:	*Household waste*
2000 Total Tonnage:	*9.39*

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 80 **DIST/DIR:** 0.25 NW **MAP ID:** 49

NAME: EXXON 7-3871
ADDRESS: 1500 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100836
ID2:
STATUS: OPEN - VERIFICATION MONITORING
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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *93005*
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: *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: *Open - Verification Monitoring*
STATUS DATE: *2005-07-30 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): *RESPONSE*
DATE (blank if not reported): *2003-03-06*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-03-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-09-30*
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 Reported*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-11-03*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 80 **DIST/DIR:** 0.25 NW **MAP ID:** 49

NAME: EXXON 7-3871
ADDRESS: 1500 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100836
ID2:
STATUS: OPEN - VERIFICATION MONITORING
PHONE:

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-05-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1993-03-04*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-06-01*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2002-12-26*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-08-30*
ACTION (blank if not reported): *Interim Remedial Action Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-06-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 12 **DIST/DIR:** 0.25 NW **MAP ID:** 50

NAME:	SMITH S FEED and FARM SUPPL	**REV:**	02/11/04
ADDRESS:	30878 HWY 58	**ID1:**	90022989
	BARSTOW CA 92311	**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:	*PT0005301*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*760 2560814*
Owner Name:	*SMITH, WILMA*
Owner Address:	*30878 HWY 58*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 2560814*

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 93 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BENDIX FIELD ENG CORP	**REV:**	4/20/93
ADDRESS:	GULF STONE DEEP SPACE COMMUNICATION COMPLEX	**ID1:**	321669
	FORT IRWIN CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	FIXED FACILITY
CONTACT:		**PHONE:**	

SPILL INFORMATION

DATE OF SPILL: 4/20/1993 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): ETHYLENE GLYCOL
QUANTITY (1): 5
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	NO	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: SORBENTS USED TO RECOVER THE MATERIAL
RELEASE DETECTION: RADIATOR ON DEEP SPACE TRACKING ANTENNA/ LEAKING HOSE
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 321669 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BENDIX FIELD ENG CORP
ADDRESS: 850 EAST MAIN STREET
BARSTOW CA 92311

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 123 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN RD, 1 MILE NORTH OF OLD IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 10/25/1994
ID1: 407031
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 10/25/1994 **TIME OF SPILL:** 2200

PRODUCT RELEASED (1): NITROGEN, LIQUEFIED
QUANTITY (1): 64000

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANS**

ERNS

SEARCH ID: 122 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: S. DEWINDER RD OFF:I-15 S OF BARSTOW
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 01-04-01
ID1: 13223
ID2:
STATUS: UNKNOWN
PHONE:

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 144 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CLEVELAND TECHNICAL CNTER	**REV:**	06/03/03
ADDRESS:	H and MAIN ST	**ID1:**	92028928
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

Permit Category:	*Special Handler*
Permit Number:	*PT0006445*
Status:	*INACTIVE*
Expiration Date:	*11/30/2001*
Facility Phone:	*760 2557877*
Owner Name:	*CLEVELAND TECHNICAL CNTER*
Owner Address:	*935 SUNSHINE RD*
Owner Address:	*KANSAS CITY KS 66115*
Owner Phone:	*800 3328055*

Permit Category:	*Special Generator(B)*
Permit Number:	*PT0006446*
Status:	*INACTIVE*
Expiration Date:	*11/30/2001*
Facility Phone:	*760 2557877*
Owner Name:	*CLEVELAND TECHNICAL CNTER*
Owner Address:	*935 SUNSHINE RD*
Owner Address:	*KANSAS CITY KS 66115*
Owner Phone:	*800 3328055*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 129 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: EASTBOUND I-40 AT HIDDEN SPRINGS ROAD
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 12/20/1995
ID1: 486967
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 12/20/1995 **TIME OF SPILL:** 0344

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 100
UNITS (1):
CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANS**

PERMITS

SEARCH ID: 161 **DIST/DIR:** NON GC **MAP ID:**

NAME: WILD WASH GRAVEL MINE and ROAD PIT
ADDRESS: I-15 and WILD WASH ROAD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 98046150
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 11-25 EMPLOYEES (W/GEN PRMT)*
Permit Number: *PT0009339*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address: *1995 AGUA MANSA RD*
Owner Address: *RIVERSIDE CA 92509*
Owner Phone: *800 2225360*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 160 **DIST/DIR:** NON GC **MAP ID:**

NAME: VERIZON-LANE MOUNTAIN
ADDRESS: 10 MI N/O FORT IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: PT0006912
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number: *PT0006912*
Status: *ACTIVE*
Expiration Date: *10/31/2006 12:00:00AM*
Facility Phone:
Owner Name: *VERIZON CALIFORNIA*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 159 **DIST/DIR:** NON GC **MAP ID:**

NAME: VERIZON-BARSTOW B/HILL
ADDRESS: FORT IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 93030676
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0006906*
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*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 153 **DIST/DIR:** NON GC **MAP ID:**

NAME: PROFLAME INC
ADDRESS: 72 RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 89017762
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.*
Permit Number: *8903090044*
Facility Phone: *0000000*
Owner Name: *PROFLAME INC*
Owner Address: *P.O. BOX 5069*
Owner Address: *NOVATO CA 94948*
Owner Phone: *415 8838717*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709092063*
Facility Phone: *0000000*
Owner Name: *PROFLAME INC*
Owner Address: *P.O. BOX 5069*
Owner Address: *NOVATO CA 94948*
Owner Phone: *415 8838717*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 152 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEXTEL COMM CA-6096/BARSTOW OUTLET
ADDRESS: 33320 I ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0009522
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0016395*
Status: *ACTIVE*
Expiration Date: *4/30/2007 12:00:00AM*
Facility Phone:
Owner Name: *NEXTEL COMMUNICATIONS, INC*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 151 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEW CINGULAR WIRELESS 13402
ADDRESS: 33320 I ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0009037
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number: *PT0015904*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *NEW CINGULAR WIRELESS PCS LLC*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 150 **DIST/DIR:** NON GC **MAP ID:**

NAME: LAIDLAW TRANSIT
ADDRESS: 190 CAL AVE G
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0004351
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL HANDLER*
Permit Number: *PT0008700*
Status: *INACTIVE*
Expiration Date: *8/31/2003 12:00:00AM*
Facility Phone:
Owner Name: *LAIDLAW EDUCATION SERVICES*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0008701*
Status: *INACTIVE*
Expiration Date: *8/31/2003 12:00:00AM*
Facility Phone:
Owner Name: *LAIDLAW EDUCATION SERVICES*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 163 **DIST/DIR:** NON GC **MAP ID:**

NAME:	WILDWASH SAND/GRAVEL MINE	**REV:**	06/03/03
ADDRESS:	I-15 and WILDWASH RD	**ID1:**	97045806
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

Permit Category:	*Hazmat Handler 0-10 Employees*
Permit Number:	*PT0009247*
Status:	*ACTIVE*
Expiration Date:	*7/31/1999*
Facility Phone:	*909 6845360*
Owner Name:	*E L YEAGER CONSTR*
Owner Address:	*P O BOX 87*
Owner Address:	*RIVERSIDE CA 92502*
Owner Phone:	

Permit Category:	*Special Generator(B)*
Permit Number:	*PT0009248*
Status:	*ACTIVE*
Expiration Date:	*7/31/1999*
Facility Phone:	*909 6845360*
Owner Name:	*E L YEAGER CONSTR*
Owner Address:	*P O BOX 87*
Owner Address:	*RIVERSIDE CA 92502*
Owner Phone:	

Permit Category:	*CalARP Facility Permit*
Permit Number:	*PT0009250*
Status:	*ACTIVE*
Expiration Date:	*7/31/1999*
Facility Phone:	*909 6845360*
Owner Name:	*E L YEAGER CONSTR*
Owner Address:	*P O BOX 87*
Owner Address:	*RIVERSIDE CA 92502*
Owner Phone:	

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 145 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CLEVELAND TECHNICAL CNTER	**REV:**	09/26/06
ADDRESS:	H and MAIN ST	**ID1:**	FA0002228
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL HANDLER*
Permit Number:	*PT0006445*
Status:	*INACTIVE*
Expiration Date:	*11/30/2001 12:00:00AM*
Facility Phone:	
Owner Name:	*CLEVELAND TECHNICAL CNTER*
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0006446*
Status:	*INACTIVE*
Expiration Date:	*11/30/2001 12:00:00AM*
Facility Phone:	
Owner Name:	*CLEVELAND TECHNICAL CNTER*
Owner Address:	
Owner Address:	
Owner Phone:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

SWL

SEARCH ID: 138 **DIST/DIR:** NON GC **MAP ID:**

NAME:	NEWBERRY COMPRESSOR STATION	**REV:**	07/03/00
ADDRESS:	3 MI SO OF I-40, FORT CADY RD	**ID1:**	WMUD6B362035001
	NEWBERRY SPRINGS CA 92365	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:	DUFFY EXON	**PHONE:**	

WMUDS FACILITY INFORMATION (blank = not reported)

Regional ID :
NPDES ID :
Region: *6V*
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: *No*
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: *4951 /*

Primary Waste Type: *DESIGNATED: COOLING WATER: NONCONTACT*
Secondary Waste Type:
Tons Per Day:
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:
Department:
Contact and Phone: *,*
Land Owner Address: *, ,*

AGENCY INFORMATION

Agency Name: *SOUTHERN CALIF GAS CO*
Department:
Agency Contact and Phone: *, 7602573338*

WASTE MANAGEMENT UNIT INFORMATION (blank = not reported)

WMU ID : *6B362035001-01*
WMU Status:
WMU Size in Acres: *2*
Year WMU Will Reach Capacity:
Close Plan: *0*
Avg Depth to Groundwater: *12*
Primary Liner Present: *0*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 143 **DIST/DIR:** NON GC **MAP ID:**

NAME: CI-BARSTOW WSTWTR RECLAMA
ADDRESS: 2200 E RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 87013960
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0003381*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone: *619 2563531*
Owner Name: *CITY OF BARSTOW*
Owner Address: *220 E MT VIEW AVE*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *RISK MANAGEMENT PLAN - LEVEL III*
Permit Number: *PT0003385*
Status: *INACTIVE*
Expiration Date: *7/31/2005 12:00:00AM*
Facility Phone: *619 2563531*
Owner Name: *CITY OF BARSTOW*
Owner Address: *220 E MT VIEW AVE*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *GENERATOR - 0-10 EMPLOYEES*
Permit Number: *PT0003391*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone: *619 2563531*
Owner Name: *CITY OF BARSTOW*
Owner Address: *220 E MT VIEW AVE*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number: *PT0003392*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone: *619 2563531*
Owner Name: *CITY OF BARSTOW*
Owner Address: *220 E MT VIEW AVE*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0003394*
Status: *INACTIVE*
Expiration Date: *7/31/2005 12:00:00AM*
Facility Phone: *619 2563531*
Owner Name: *CITY OF BARSTOW*
Owner Address: *220 E MT VIEW AVE*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 143 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CI-BARSTOW WSTWTR RECLAMA	**REV:**	02/11/04
ADDRESS:	2200 E RIVERSIDE DR	**ID1:**	87013960
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

Owner Address: *BARSTOW CA 92311*
Owner Phone: *619 2563531*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 142 **DIST/DIR:** NON GC **MAP ID:**

NAME: BROADWING COMMUNICATIONS LLC
ADDRESS: 251 SAND STONE CT
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0007480
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0014941*
Status: *ACTIVE*
Expiration Date: *11/30/2007 12:00:00AM*
Facility Phone:
Owner Name: *BROADWING COMMUNICATIONS, LLC*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 141 **DIST/DIR:** NON GC **MAP ID:**

NAME: BROADWING COMMUNICATIONS
ADDRESS: 251 SAND STONE CT
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: PT0012748
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number: *PT0012748*
Status: *ACTIVE*
Expiration Date: *11/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *BROADWING COMMUNICATIONS*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 140 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BLUE BEACON OF BARSTOW	**REV:**	04/16/08
ADDRESS:	2540 HIGH POINT PARKWAY	**ID1:**	CAL000325784
	BARSTOW CA 92311	**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:	*10/16/2007 2:47:22 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*500 GRAVES BLVD, PO BOX 856, SALINA, KS 67401-4306*
Owner Name:	*BLUE BEACON USA LP 2*
Owner Address:	*PO BOX 856, SALINA, KS 67402-0856*
Contact Name:	*TINA L DORF*
Contact Address:	*500 GRAVES BLVD, PO BOX 856, SALINA, KS 67401-4306*
Contact Phone:	*7858252221*

PERMITS

SEARCH ID: 139 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BARSTOW WATER RECLAMATION FACILI	**REV:**	04/16/08
ADDRESS:	2200 RIVERSIDE DR	**ID1:**	CAL000275273
	BARSTOW CA 92311	**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:	*10/3/2003 8:21:48 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*PO BOX 1632, BARSTOW, CA 92312*
Owner Name:	*CITY OF BARSTOW*
Owner Address:	*PO BOX 1632, BARSTOW, CA 92312*
Contact Name:	*DAN FRIOU/AREA MGR*
Contact Address:	*2200 RIVERSIDE DR, BARSTOW, CA 92311*
Contact Phone:	*7602551415*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Unspecified oil-containing waste*
Total Tonnage per Year:	*1.4595*

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 133 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNK. (DUMPED)
ADDRESS: I-40, E. OF HECTOR
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 01-20-98
ID1: 62703
ID2:
STATUS: UNKNOWN
PHONE:

CERCLIS (Y/N):

MAT: CORROSION INHIBITOR **QUANT:** 0 UNKNOWN

LOCATION: I-40, E. OF HECTOR
CITY: **REPORTED:** 05/11/88

SOURCE: UNKNOWN **MEDIUM:** LAND
(8)-55 GAL.DRUMS FOUND/ ILLEGAL DUMPING/ 1-DRUM = LEAKING (8)-55 GAL.DRUMS FO
CAUSE: UNKNOWN
UND / ILLEGAL DUMPING / 1-DRUM = LEAKING

ACT: CODOH=C/U / REQUESTED CA-SUPERFUND MONIES
BY:

ERNS

SEARCH ID: 132 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNK
ADDRESS: I-40 NEAR HECTOR RD
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 01-04-01
ID1: 117328
ID2:
STATUS: UNKNOWN
PHONE:

DETAILS NOT AVAILABLE

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 131 **DIST/DIR:** NON GC **MAP ID:**

NAME: MANFREDI MOTOR TRANSIT CO
ADDRESS: I-40 WESTBOUND LANE 11MI EAST OF DAGGETT
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 10/28/99
ID1: 646966
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 10/28/1999 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): AROPOL (SATURATED POLYESTER)
QUANTITY (1): 1
UNITS (1): QRT

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE: SOIL

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: LOCAL HAZMAT OFFICIALS ON SCENE/SPILL RESPONSE CONTRACTOR EN ROUTE TO FACILITATE CLEANUP AND SET TANK UPRIGHT
RELEASE DETECTION: TANK TRAILER ON TRUCK/DRIVER LEFT ROADWAY CAUSING TRUCK AND TRAILER TO TURN-OVER
MISC. NOTES: SIZE OF IMPACTED AREA:6IN DIAMETER

DISCHARGER INFORMATION
DISCHARGER ID: 646966
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: MANFREDI MOTOR TRANSIT CO
ADDRESS: 148141 SPERRY ROAD
NEW BERRY OH 44065

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 88 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BARSTOW LANDFILL	**REV:**	7/14/09
ADDRESS:	5 M S OF BARSTOW ON BARSTOW RD	**ID1:**	CAD982495624
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
5 M S OF BARSTOW ON BARSTOW RD
BARSTOW CA 92311

PHONE: 7143870125

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 146 **DIST/DIR:** NON GC **MAP ID:**

NAME:	COFFMAN-WILDWASH SAND and GRAVEL MINE	**REV:**	09/26/06
ADDRESS:	I-15 EASTSIDE WILDWASH1/2 MILE NE OF WILDWASH	**ID1:**	FA0008532
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0014823*
Status:	*INACTIVE*
Expiration Date:	*5/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*COFFMAN SPECIALTIES, INC.*
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0014824*
Status:	*INACTIVE*
Expiration Date:	*5/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*COFFMAN SPECIALTIES, INC.*
Owner Address:	
Owner Address:	
Owner Phone:	

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 166 **DIST/DIR:** NON GC **MAP ID:**

NAME:	SO CAL GAS/NEWBERRY COMP	**REV:**	12/11/01
ADDRESS:	3 MI SO OF I-40	**ID1:**	86010004
	NEWBERRY SPRINGS CA 92365	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NOT REPORTED
CONTACT:		**PHONE:**	

Permit Category:	*HAZARDOUS MATERIAL HANDLER. HANDLER FOR FACILITY WITH CORRESPONDING WASTE PERMT. 11-25 EMPLOYEES*
Permit Number:	*8701261352*
Facility Phone:	*619 2573338*
Owner Name:	*SOUTHERN CALIF GAS CO*
Owner Address:	*P O BOX 3249-TERM ANNEX*
Owner Address:	*LOS ANGELES CA 90051*
Owner Phone:	*0000000*

Permit Category:	*HAZARDOUS WASTE GENERATOR. 11-25 EMPLOYEES*
Permit Number:	*8808100010*
Facility Phone:	*619 2573338*
Owner Name:	*SOUTHERN CALIF GAS CO*
Owner Address:	*P O BOX 3249-TERM ANNEX*
Owner Address:	*LOS ANGELES CA 90051*
Owner Phone:	*0000000*

Permit Category:	*STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number:	*9709090298*
Facility Phone:	*619 2573338*
Owner Name:	*SOUTHERN CALIF GAS CO*
Owner Address:	*P O BOX 3249-TERM ANNEX*
Owner Address:	*LOS ANGELES CA 90051*
Owner Phone:	*0000000*

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 175 **DIST/DIR:** NON GC **MAP ID:**

NAME: BARSTOW WASTEWATER RECLAMATION
ADDRESS: 2200 RIVERSIDE RD E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100772
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:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *92048*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Waste Oil / Motor / Hydraulic / Lubricating*
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: *1994-03-10 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*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1992-10-22*
ACTION (blank if not reported): ** Historical Enforcement*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 173 **DIST/DIR:** NON GC **MAP ID:**

NAME:	SANTA FE RAILWAY - BARSTOW	**REV:**	05/30/01
ADDRESS:	H and MAIN ST	**ID1:**	AST1485
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	AST SWRCB REG.6V
CONTACT:		**PHONE:**	

Region: *6V*
Company Name: *BURLINGTON NORTHERN and SANTA FE*
Company Name 2: *RAILWAY CO.*

UST

SEARCH ID: 172 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FEDERAL AVIATION ADMIN	**REV:**	01/01/94
ADDRESS:	BARSTOW RML	**ID1:**	TISID-STATE40711
	BARSTOW CA 92311	**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: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 171 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BARSTOW	**REV:**	01/01/94
ADDRESS:	W. MAIN ST	**ID1:**	TISID-STATE358
	BARSTOW CA 92311	**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.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 165 **DIST/DIR:** NON GC **MAP ID:**

NAME: SCE-HELENDALE SUBSTATION
ADDRESS: NATIONAL TRAILS HWY
HELENDALE CA 92342
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 01049224
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.*
Permit Number: *0101187519*
Facility Phone: *760 2449105*
Owner Name: *SO CAL EDISON*
Owner Address: *2244 WALNUT GROVE 2244*
Owner Address: *ROSEMEAD CA 91770*
Owner Phone: *626 3021212*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *0101187520*
Facility Phone: *760 2449105*
Owner Name: *SO CAL EDISON*
Owner Address: *2244 WALNUT GROVE 2244*
Owner Address: *ROSEMEAD CA 91770*
Owner Phone: *626 3021212*

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 174 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEWBERRY COMPRESSOR STATION
ADDRESS: 3 MI S OF I-40 ON FTCADY RD
NEWBERRY SPRNGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 05/30/01
ID1: AST547
ID2:
STATUS: AST SWRCB REG.7
PHONE:

Region: *7*
Company Name: *SOUTHERN CALIFORNIA GAS CO.*
Company Name 2: *ATTN: DUFFY EXON*

OTHER

SEARCH ID: 170 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: 434 S SECOND ST APT 1
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 03/01/09
ID1: NCLRCA304
ID2:
STATUS: NOT REPORTED
PHONE:

NATIONAL CLANDESTINE LABORATORY REGISTER INFORMATION FOR THE STATE OF CALIFORNIA:
Seizure Date: *1/1/2005*

OTHER

SEARCH ID: 169 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: 24966 CAMINO DEL SOL ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 03/01/09
ID1: NCLRCA264
ID2:
STATUS: NOT REPORTED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

OTHER

SEARCH ID: 169 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: 24966 CAMINO DEL SOL ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 03/01/09
ID1: NCLRCA264
ID2:
STATUS: NOT REPORTED
PHONE:

NATIONAL CLANDESTINE LABORATORY REGISTER INFORMATION FOR THE STATE OF CALIFORNIA:

Seizure Date: *6/7/2004*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 162 **DIST/DIR:** NON GC **MAP ID:**

NAME: WILD WASH GRAVEL MINE and ROAD PIT
ADDRESS: I-15 and WILD WASH ROAD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: FA0002822
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0009340*
Status: *INACTIVE*
Expiration Date: *7/31/1999 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0013819*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0013820*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 167 **DIST/DIR:** NON GC **MAP ID:**

NAME:	VERIZON-NEWBERRY	**REV:**	02/11/04
ADDRESS:	NATIONAL TRAILS and NEWBERR	**ID1:**	93030396
	NEWBERRY SPRINGS CA 92365	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number:	*PT0006824*
Status:	*ACTIVE*
Expiration Date:	*10/31/2006 12:00:00AM*
Facility Phone:	*619 2562111*
Owner Name:	*VERIZON CALIFORNIA INC*
Owner Address:	*P O BOX 725*
Owner Address:	*CHINO CA 91708*
Owner Phone:	*800 3318891*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

SWL

SEARCH ID: 137 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN RD LAND TREATMENT	**REV:**	07/03/00
ADDRESS:	H and MAIN ST PO BOX 879	**ID1:**	WMUD6B360331002
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:	MICK HARDIN	**PHONE:**	

WMUDS FACILITY INFORMATION (blank = not reported)

Regional ID :
NPDES ID :
Region: *6V*
Edit Date:
Last Edit:

Waste Discharger Facility: *Yes*

Sub Chapter 15 Facility: *Yes*
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: *IND*
SIC 1 and SIC 2: *4953 /*

Primary Waste Type: *DESIGNATED: SOLID WASTES*
Secondary Waste Type:
Tons Per Day: *0*
Complexity: *CATEGORY B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilites without treatment systems that are complex, such as marina*

LAND OWNER INFORMATION

Land Owner: *AT and SANTA FE RAILROAD*
Department:
Contact and Phone: *,*
Land Owner Address: *ONE SANTA FE PLAZA-5200 SHIE, LOS ANGELES, CA 90440*

AGENCY INFORMATION

Agency Name: *BURLINGTON NORTHERN SANTA FE*
Department:
Agency Contact and Phone: *MICK HARDIN, 9093864081*

WASTE MANAGEMENT UNIT INFORMATION (blank = not reported)

WMU ID : *6B360331002-01*
WMU Status: *INACTIVE*
WMU Size in Acres: *20*
Year WMU Will Reach Capacity:
Close Plan: *0*
Avg Depth to Groundwater: *75*
Primary Liner Present: *0*

SOLID WASTE ASSESSMENT TEST PROGRAM INFORMATION (SWAT) (blank = not reported)

Site Name: *FORT IRWIN ROAD LAND TREATMENT SITE*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

SWL

SEARCH ID: 137 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN RD LAND TREATMENT	**REV:**	07/03/00
ADDRESS:	H and MAIN ST PO BOX 879	**ID1:**	WMUD6B360331002
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:	MICK HARDIN	**PHONE:**	

Site Rank:	*3*
Leak to Surface Water:	*U*
Leak to Ground:	*U*
Leak to Vandose Zone:	*U*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 164 **DIST/DIR:** NON GC **MAP ID:**

NAME: E.L. YEAGER- I-15 PROJECT YARD
ADDRESS: I-15 FWY AT DALE EVANS
APPLE VALLEY CA 92307
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: FA0007969
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0013963*
Status: *INACTIVE*
Expiration Date: *10/31/2004 12:00:00AM*
Facility Phone:
Owner Name: *E.L. YEAGER*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0013964*
Status: *INACTIVE*
Expiration Date: *10/31/2005 12:00:00AM*
Facility Phone:
Owner Name: *E.L. YEAGER*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 158 **DIST/DIR:** NON GC **MAP ID:**

NAME:	VERIZON WIRELESS	**REV:**	02/11/04
ADDRESS:	33320 I ST	**ID1:**	94031708
	BARSTOW CA 92311	**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:	*PT0007140*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	
Owner Name:	*VERIZON WIRELESS*
Owner Address:	*P O BOX 19707*
Owner Address:	*IRVINE CA 92624*
Owner Phone:	*714 2227000*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 157 **DIST/DIR:** NON GC **MAP ID:**

NAME:	UNITED PARCEL SERVICE INC	**REV:**	04/16/08
ADDRESS:	3183 EAST MAIN STREET	**ID1:**	CAL000156493
	BARSTOW CA 92311	**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:	*2/3/1995*
Inactivity Date:	
Facility Mail Name:	*ATTN: TAX DEPARTMENT*
Facility Mailing Address:	*25201 PASEO DE ALICIA SUITE 200, LAGUNA HILLS, CA 92653-1367*
Owner Name:	*UPS INC*
Owner Address:	*55 GLENLAKE PARKWAY NE, ATLANTA, GA 30328-0000*
Contact Name:	*BRENDA FOUNTAIN/TAX MANAGER*
Contact Address:	*25201 PASEO DE ALICIA SUITE 200, LAGUNA HILLS, CA 92653-0000*
Contact Phone:	*9494522083*

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 2000-2008:

2008 Waste Type:
2008 Total Tonnage:
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:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 156 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNITED PACIFIC ENRGY/BSTW
ADDRESS: 850 E RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0005187
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0000134*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0000214*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *RISK MANAGEMENT PLAN - LEVEL II*
Permit Number: *PT0001033*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0001044*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 155 **DIST/DIR:** NON GC **MAP ID:**

NAME:	UNITED PACIFIC ENRGY/BSTW	**REV:**	06/03/03
ADDRESS:	850 E RIVERSIDE DR	**ID1:**	00049060
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

Permit Category:	*Hazmat Handler 0-10 Employees*
Permit Number:	*PT0000134*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Permit Category:	*CalARP Facility Permit*
Permit Number:	*PT0000214*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Permit Category:	*Risk Management Plan - Level II*
Permit Number:	*PT0001033*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Permit Category:	*EPCRA Facility*
Permit Number:	*PT0001044*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 154 **DIST/DIR:** NON GC **MAP ID:**

NAME:	SENTRY WELDING and EXHAUST	**REV:**	09/26/06
ADDRESS:	25408 W MAIN ST	**ID1:**	FA0008059
	BARSTOW CA 92311	**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:	*PT0014236*
Status:	*ACTIVE*
Expiration Date:	*2/28/2007 12:00:00AM*
Facility Phone:	
Owner Name:	*COLMAN, CHUCK and DEBORAH*
Owner Address:	
Owner Address:	
Owner Phone:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 149 **DIST/DIR:** NON GC **MAP ID:**

NAME: HERITAGE PROPANE
ADDRESS: RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0010594
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0018022*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *EPCRA FACILITY*
Permit Number: *PT0018023*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0018024*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *CALARP STATE FEE*
Permit Number: *PT0018025*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *RISK MANAGEMENT PLAN - LEVEL III*
Permit Number: *PT0018026*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 149 **DIST/DIR:** NON GC **MAP ID:**

NAME:	HERITAGE PROPANE	**REV:**	09/26/06
ADDRESS:	RIVERSIDE DR	**ID1:**	FA0010594
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 148 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FE-FAA BARSTOW RCAG B	**REV:**	12/11/01
ADDRESS:	L ST	**ID1:**	90020522
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NOT REPORTED
CONTACT:		**PHONE:**	

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.*
Permit Number: *9003030076*
Facility Phone: *619 2562143*
Owner Name: *FEDERAL AVIATION ADMIN*
Owner Address: *3110 W EMPIRE AVE*
Owner Address: *BURBANK CA 91504*
Owner Phone: *818 5674633*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709092638*
Facility Phone: *619 2562143*
Owner Name: *FEDERAL AVIATION ADMIN*
Owner Address: *3110 W EMPIRE AVE*
Owner Address: *BURBANK CA 91504*
Owner Phone: *818 5674633*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 147 **DIST/DIR:** NON GC **MAP ID:**

NAME: FE-FAA BARSTOW RCAG B
ADDRESS: L ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 90020521
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0004747*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone: *619 2562143*
Owner Name: *FEDERAL AVIATION ADMIN*
Owner Address: *3110 W EMPIRE AVE*
Owner Address: *BURBANK CA 91504*
Owner Phone: *818 5674633*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0004748*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone: *619 2562143*
Owner Name: *FEDERAL AVIATION ADMIN*
Owner Address: *3110 W EMPIRE AVE*
Owner Address: *BURBANK CA 91504*
Owner Phone: *818 5674633*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

OTHER

SEARCH ID: 168 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN ROAD DISPOSAL	**REV:**	01/15/09
ADDRESS:	FORT IRWIN ROAD	**ID1:**	CAL36490092
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	REFER: RWQCB
CONTACT:		**PHONE:**	

GENERAL SITE INFORMATION

Site Type:	*Historical*
Status:	*Refer: RWQCB*
Status Date:	*1995-06-01*
NPL Site:	*NO*
Funding:	
Regulatory Agencies Involved:	*RWQCB 6 - Lahontan*
Lead Agency:	*NONE SPECIFIED*
Project Manager:	
Supervisor:	** MMONROY*
Branch:	*Cypress*
Acres:	
Assessor s Parcel Number:	*NONE SPECIFIED*
Past Uses:	*NONE SPECIFIED*
Potential Contaminants:	** HALOGENATED SOLVENTS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * DETERGENT and SOAP * Sludge - Degreasing * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SLUDGE WASTE * WASTE OIL and MIXED OIL * OTHER INORGANIC SOLID WASTE * PHOSPHATE SLUDGE*
Confirmed Contaminants:	*NONE SPECIFIED*
Potential Media Affected:	*NONE SPECIFIED*
Restricted Use:	*NO*
Site Management Required:	*NONE SPECIFIED*
Special Programs Associated with this Site:	** RCRA 3012 - Past Haz Waste Disp Inven Site*

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

CAD980498570

HOOVER DUMP

36490092

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

Area Name:	***PROJECT WIDE***
Sub- Area Name:	
Document Type:	***Preliminary Assessment Report***
Completion Date:	***1984-06-01***
Comments:	*SELF MONITORING 3 MONITORING WELLS HAVE BEEN INSTALLED DUST AROUND RR FAC; SAND, OIL,and GREASE W/ CLEANING COMPOUNDS. IN 1974 DEPT OF W.RESOURCES RECOM NO GRP1 WASTES WASTE TYPE: WASTE OIL SLUDGE, IRON and PHENOLS. RWQCB REP 4/14/82: 1) SOURCE ACV: RECEIVES WASTE OIL SLUDGE FROM BARSTOW CLASSIF FAC and MAINTENANCE FAC. 2) FAC TYPE: LANDFARM. RWQCB REP 4/14/82 SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012*

Area Name:	***PROJECT WIDE***
Sub- Area Name:	
Document Type:	***Discovery***
Completion Date:	***1983-10-12***
Comments:	*FACILITY IDENTIFIED ID FROM ERRIS*

Area Name:	***PROJECT WIDE***
Sub- Area Name:	
Document Type:	***Discovery***
Completion Date:	***1983-04-14***

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

OTHER

SEARCH ID: 168 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN ROAD DISPOSAL	**REV:**	01/15/09
ADDRESS:	FORT IRWIN ROAD	**ID1:**	CAL36490092
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	REFER: RWQCB
CONTACT:		**PHONE:**	

Comments: *FACILITY IDENTIFIED ID FROM CO HEALTH. TIP FROM CO HLTH INDICATES BARIED DRUMS*

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 114 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 AT MIDWAY REST MP 107 ON FREEWAY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 12/7/93
ID1: 354337
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 12/7/1993 **TIME OF SPILL:** 2120

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 100
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LINE ON BIG RIG RUPTURED
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 354337 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 130 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: MAIN ST.
BARSTOW CA
San Bernardino
CONTACT:

REV: 1/15/92
ID1: 256205
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 1/15/1992 **TIME OF SPILL:** 1750

PRODUCT RELEASED (1): MURIATIC ACID
QUANTITY (1): 3
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 1/15/1992 **TIME OF SPILL:** 1750

PRODUCT RELEASED (1): MURIATIC ACID
QUANTITY (1): 3
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: YES **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: BARSTOW FD NEUTRALIZESD AND CLEANUP
RELEASE DETECTION: FELL OFF TRUCK

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 130 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: MAIN ST.
BARSTOW CA
San Bernardino
CONTACT:

REV: 1/15/92
ID1: 256205
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES: THESE DRUMS WERE FOUND BY A MARICOPA CO SHERIFF S DEPUTY WHILE ON PATROL.

DISCHARGER INFORMATION
DISCHARGER ID: 256205 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER:
ADDRESS:

CAUSE OF RELEASE

DUMPING:	YES	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: BARSTOW FD NEUTRALIZESD AND CLEANUP
RELEASE DETECTION: FELL OFF TRUCK
MISC. NOTES: THESE DRUMS WERE FOUND BY A MARICOPA CO SHERIFF S DEPUTY WHILE ON PATROL.

DISCHARGER INFORMATION
DISCHARGER ID: 256205 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER:
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

NFRAP

SEARCH ID: 86 **DIST/DIR:** NON GC **MAP ID:**

NAME: ATCHISON TOPEKA and SANTA FE RWY CO
ADDRESS: 470 L STREET AT H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/1/09
ID1: CAD980893937
ID2: 0902241
STATUS: NFRAP-N
PHONE:

DESCRIPTION:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		08-01-1987
DISCOVERY	EPA Fund-Financed		03-01-1985
PRELIMINARY ASSESSMENT	EPA Fund-Financed		08-01-1987

NFRAP: No further Remedial Action planned

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 124 **DIST/DIR:** NON GC **MAP ID:**

NAME: USMC-LOGISTICS BASE BARST
ADDRESS: USMC LOGISTICS BASE, MAIN STORAGE AREA
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 4/14/94
ID1: 371868
ID2:
STATUS: FIXED FAC./UST
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/14/1994 **TIME OF SPILL:** 1400

PRODUCT RELEASED (1): OIL, FUEL: NO. 2-D
QUANTITY (1): 400
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY USMC
RELEASE DETECTION: STORAGE TANK/RELEASE OCCURRED DUE TO OVERFILLING
MISC. NOTES: WILL NOTIFY OES

DISCHARGER INFORMATION

DISCHARGER ID: 371868 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: FEDERAL GOVERNMENT
NAME OF DISCHARGER: USMC-LOGISTICS BASE BARST
ADDRESS: USMC LOGISTICS BASE
BARSTOW CA 92311

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 121 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 ON HALLORAN SUMMIT OFF RAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/21/91
ID1: 226793
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 7/21/1991 **TIME OF SPILL:** 0218

PRODUCT RELEASED (1): HYDROCHLORIC ACID
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

SPILL INFORMATION
DATE OF SPILL: 7/21/1991 **TIME OF SPILL:** 0218

PRODUCT RELEASED (1): HYDROCHLORIC ACID
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS AND RP
RELEASE DETECTION: TANKER TRUCK WITH LEAK

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 121 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 ON HALLORAN SUMMIT OFF RAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/21/91
ID1: 226793
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 226793
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS AND RP
RELEASE DETECTION: TANKER TRUCK WITH LEAK
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 226793
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 120 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: RIVERSIDE BARSTOW, WASTE WATER PLATE
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 6/29/92
ID1: 273673
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 6/29/1992 **TIME OF SPILL:** 0815

PRODUCT RELEASED (1): CHLOROFORM
QUANTITY (1): 2
UNITS (1): GAL

PRODUCT RELEASED (2): HYDROCHLORIC ACID
QUANTITY (2): 2
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 6/29/1992 **TIME OF SPILL:** 0815

PRODUCT RELEASED (1): CHLOROFORM
QUANTITY (1): 2
UNITS (1): GAL

PRODUCT RELEASED (2): HYDROCHLORIC ACID
QUANTITY (2): 2
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: NO WATERWAYS AFFECTED. CLEANUP BY PUBLIC WORKS
RELEASE DETECTION: EARTHQUAKE CAUSED CONTAINER TO FALL FROM SHELF

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 120 **DIST/DIR:** NON GC **MAP ID:**

NAME:	UNKNOWN	**REV:**	6/29/92
ADDRESS:	RIVERSIDE BARSTOW, WASTE WATER PLATE	**ID1:**	273673
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	FIXED FACILITY
CONTACT:		**PHONE:**	

MISC. NOTES: TURNED OVER/LANES 1,2 and 3 BLOCK, REROUTING TRAFFIC POISONOUS GAS (?) UNCLEAR WHAT IT IS.

DISCHARGER INFORMATION

DISCHARGER ID: 273673 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: NO WATERWAYS AFFECTED. CLEANUP BY PUBLIC WORKS
RELEASE DETECTION: EARTHQUAKE CAUSED CONTAINER TO FALL FROM SHELF
MISC. NOTES: TURNED OVER/LANES 1,2 and 3 BLOCK, REROUTING TRAFFIC POISONOUS GAS (?) UNCLEAR WHAT IT IS.

DISCHARGER INFORMATION

DISCHARGER ID: 273673 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 119 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40, EAST OF NEWBERY REST AREA
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/11/92
ID1: 274910
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 7/11/1992 **TIME OF SPILL:** 1537

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 50
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 7/11/1992 **TIME OF SPILL:** 1537

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 50
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: SEMI STRUCK ROAD DEBRIS BROKE CROSS OVER LINE

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 119 **DIST/DIR:** NON GC **MAP ID:**

NAME:	UNKNOWN	**REV:**	7/11/92
ADDRESS:	EB I-40, EAST OF NEWBERY REST AREA	**ID1:**	274910
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	HIGHWAY RELATED
CONTACT:		**PHONE:**	

MISC. NOTES: THIS IS AN AMENDMENT TO THE ORIGINAL NRC REPORT 122847 CASE 92-4644

DISCHARGER INFORMATION

DISCHARGER ID: 274910 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: SEMI STRUCK ROAD DEBRIS BROKE CROSS OVER LINE
MISC. NOTES: THIS IS AN AMENDMENT TO THE ORIGINAL NRC REPORT 122847 CASE 92-4644

DISCHARGER INFORMATION

DISCHARGER ID: 274910 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 118 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40 EAST OF E. BROADWAY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/17/91
ID1: 234641
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 9/17/1991 **TIME OF SPILL:** 2155

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 75
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

SPILL INFORMATION
DATE OF SPILL: 9/17/1991 **TIME OF SPILL:** 2155

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 75
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LEAK FROM BIG RIG

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 118 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40 EAST OF E. BROADWAY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/17/91
ID1: 234641
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234641
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LEAK FROM BIG RIG
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234641
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 117 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN ROAD, 9 MI N OF IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/28/93
ID1: 334001
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 7/28/1993 **TIME OF SPILL:** 0607

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 90
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CO ROADS
RELEASE DETECTION: MECH FAILURE (DRIVE SHAFT, LOOSENED, STRIKING CROSS OVER LINE)
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 334001 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 89 **DIST/DIR:** NON GC **MAP ID:**

NAME:	5 MILES WEST OF I-15 WILDWASH ROAD	**REV:**	11/17/08
ADDRESS:	5 MILES WEST OF I-15 WILDWASH ROAD	**ID1:**	NRC-887723
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	FIXED
CONTACT:		**PHONE:**	

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

INCIDENT DATE:	20-OCT-2008 15:45
REPORTED DATE:	**20-OCT-2008 19:14**
TYPE OF INCIDENT:	FIXED
CAUSE OF INCIDENT:	DUMPING
MEDIUM AFFECTED:	LAND
MATERIAL NAME:	UNKNOWN OIL
LOCATION:	5 MILES WEST OF I-15 WILDWASH ROAD
SUSPECTED COMPANY:	

DESCRIPTION: THE CALLER STATED THAT A PRIVATE CITIZEN REPORTED THE DISCOVERY OF A TARRY SUBSTANCE OF UNKNOWN ORIGIN. THE PRODUCT APPEARS TO HAVE BEEN DUMPED IN VICINITY OF THE FACILITY S PIPELINE RIGHT-OF-WAY.

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 115 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN OFFRAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:
REV: 9/21/91
ID1: 234692
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 9/21/1991 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): PCP DRUG LAB WASTE
QUANTITY (1): 100
UNITS (1): LBS

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

SPILL INFORMATION
DATE OF SPILL: 9/21/1991 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): PCP DRUG LAB WASTE
QUANTITY (1): 100
UNITS (1): LBS

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: YES **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CODOH
RELEASE DETECTION: ABANDONED DRUG LAB WASTE

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 115 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN OFFRAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/21/91
ID1: 234692
ID2:
STATUS: FIXED FACILITY
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234692
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	YES	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CODOH
RELEASE DETECTION: ABANDONED DRUG LAB WASTE
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234692
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 90 **DIST/DIR:** NON GC **MAP ID:**

NAME: ALL AMERICAN PIPELINE
ADDRESS: TWELVE GAUGE LAKE STATION, ABOUT 15 MI W OF BARSTO
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 5/25/94
ID1: 378542
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 5/25/1994 **TIME OF SPILL:** 0900

PRODUCT RELEASED (1): OIL:CRUDE
QUANTITY (1): 10
UNITS (1): BBL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP SUPERVISED BY RP
RELEASE DETECTION: FITTING ON PRESSURE SWITCH CRACKED AND SPRAYED OIL INTO AIR.
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 378542
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: ALL AMERICAN PIPELINE
ADDRESS: 5500 MING AVE
BAKERSFIELD CA 93309-

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 113 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: SB I-15 SOUTH OF GHOSTOWN RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 4/19/94
ID1: 371654
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/19/1994 **TIME OF SPILL:** 0704

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 50
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: JACKNIFED TRUCK
MISC. NOTES: WILL NOTIFY SAVMS/EPA

DISCHARGER INFORMATION

DISCHARGER ID: 371654 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 109 **DIST/DIR:** NON GC **MAP ID:**

NAME: TRI STATE TRUCKING
ADDRESS: MOTEL DOWN THE STREET TRUCK STOP ON WEST MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 10/1/90 0:
ID1: 467793
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 10/1/1990 **TIME OF SPILL:** 0700

PRODUCT RELEASED (1): UNKNOWN MATERIAL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE: CONCRETE>STORM DRAIN

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CALLED THE RADIOAVTIVE DISPATCHER AND THEY TOLD HIM NOT TO SAY ANYTHING ABOUT THE MATERIAL IN THE STORM DRAIN, DID HAVE A CONTRACTO
RELEASE DETECTION: TRACTOR TRAILOR TRUCK CARRING RADIOACTIVE MATERIAL THAT SPILT INTO A STORM DRAIN
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 467793
TYPE OF DISCHARGER: PRIVATE CITIZEN
NAME OF DISCHARGER: TRI STATE TRUCKING
ADDRESS: PO 113
JOPLIN MO 94802-

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 108 **DIST/DIR:** NON GC **MAP ID:**

NAME:	TRI STATE TRUCKING	**REV:**	10/1/1990
ADDRESS:	MOTEL DOWN THE STREET TRUCK STOP ON WEST MAIN ST	**ID1:**	241375
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	HIGHWAY RELATED
CONTACT:		**PHONE:**	

DETAILS NOT AVAILABLE

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 107 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTE FE RR
ADDRESS: HANE MAIN STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 4/24/95
ID1: 474786
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION
DATE OF SPILL: 4/24/1995 **TIME OF SPILL:** 1300

PRODUCT RELEASED (1): OILS,DIESEL
QUANTITY (1): 150
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: C/U SANTE FE RE
RELEASE DETECTION: DISEL TANK PUNCTURED BY DELRIC
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 474786 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTE FE RR
ADDRESS:
BARSTOW CA

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 106 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILWAY CO.
ADDRESS: H AND MAIN ST. EAST OF LOCAL MAINTENANCE BUILDING
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 07-07-98
ID1: 440172
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION
DATE OF SPILL: **TIME OF SPILL:** 1130

PRODUCT RELEASED (1): DIESEL OIL
QUANTITY (1): 600
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: CONSOLIDATED WASTE INDUSTRIES TO CLEAN UP
RELEASE DETECTION: LOCOMOTIVE 5325 HAD A RUPTURED TANK.
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 440172 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILWAY CO.
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 105 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILWAY
ADDRESS: BARSTOW RAIL YARD - MAIN ST.
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 1/19/1996
ID1: 493009
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 1/19/1996 **TIME OF SPILL:** 0400

PRODUCT RELEASED (1): PROPANE
QUANTITY (1): 2
UNITS (1):
CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANS**

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 100 **DIST/DIR:** NON GC **MAP ID:**

NAME: PHOENIX TRANSPORTATION
ADDRESS: MILEPOST 19 EASTBOUND I-40
BARSTOW CA
San Bernardino
CONTACT:

REV: 4/30/96
ID1: 489641
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 4/30/1996 **TIME OF SPILL:** 0530

PRODUCT RELEASED (1): AR4000 PAVING GRADE ASPHALT
QUANTITY (1): 5880
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE: SOIL / SAND

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: THE MATERIAL HAS BEEN CLEANED UP
RELEASE DETECTION: TANKER TRUCK / VEHICLE WAS INVOLVED IN AN ACCIDENT CAUSING THE RELEASE OF MATERIAL
MISC. NOTES: WILL NOTIFY OSHA, DOT AND THE STATE / THE DRIVER OF THE TRUCK WAS INJURED / THERE WAS NO HIGHWAY CLOSURE

DISCHARGER INFORMATION
DISCHARGER ID: 489641
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: PHOENIX TRANSPORTATION
ADDRESS: 1601 SOUTH UNION AVE
BAKERSFIELD CA 93302
DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 99 **DIST/DIR:** NON GC **MAP ID:**

NAME:	MONTGOMERY TANKLINES	**REV:**	3/14/90 0:
ADDRESS:	I-40 AT MILEPOST 16	**ID1:**	465390
	BARSTOW CA	**ID2:**	
	San Bernardino	**STATUS:**	HIGHWAY RELATED
CONTACT:		**PHONE:**	

SPILL INFORMATION

DATE OF SPILL: 3/14/1990 **TIME OF SPILL:** 2115

PRODUCT RELEASED (1): KONTOL (LUBE OIL)
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2): TRETOLITE (LUBE OIL)
QUANTITY (2): 30
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE: GROUND (SAND)

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: MATERIAL PUMPED FROM TANKER INTO ANOTHER TRUCK. A CONTRACTOR WILL BE HIRED TO
RELEASE DETECTION: TANK TRUCK / TRUCK INVOLVED IN A SINGLE VEHICLE ACCIDENT. TRUCK ROLLED
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 465390 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: MONTGOMERY TANKLINES
ADDRESS: 3108 CENTRAL AVE.
PLANT CITY FL 33567-

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 98 **DIST/DIR:** NON GC **MAP ID:**

NAME:	MONTGOMERY TANKLINES	**REV:**	3/14/90 0:
ADDRESS:	I-40 AT MILEPOST 16	**ID1:**	162160
	BARSTOW CA	**ID2:**	
	San Bernardino	**STATUS:**	HIGHWAY RELATED
CONTACT:		**PHONE:**	

SPILL INFORMATION

DATE OF SPILL: 3/14/1990 **TIME OF SPILL:** 2115

PRODUCT RELEASED (1): KONTOL (LUBE OIL)
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2): TRETOLITE (LUBE OIL)
QUANTITY (2): 30
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE: GROUND (SAND)

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: MATERIAL PUMPED FROM TANKER INTO ANOTHER TRUCK. A CONTRACTOR WILL BE HIRED TO PERFORM THE CLEANUPS.
RELEASE DETECTION: TANK TRUCK / TRUCK INVOLVED IN A SINGLE VEHICLE ACCIDENT. TRUCK WENT OFF THE ROAD AND ROLLED OVER.
MISC. NOTES: I-40 WESTBOUND HAS BEEN CLOSED OFF FOR APPROX 16 MILES SINCE THE INCIDENT HAPPENED. STATE EPA HAS BEEN ONSCENE.

DISCHARGER INFORMATION

DISCHARGER ID: 162160
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: MONTGOMERY TANKLINES
ADDRESS: 3108 CENTRAL AVE.
PLANT CITY FL 33567

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 116 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 AT MIDWAY REST MP 107 ON FREEWAY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 12/7/93
ID1: 353602
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 12/7/1993 **TIME OF SPILL:** 2120

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 100
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LINE ON BIG RIG RUPTURED
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 353602 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 104 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILROAD
ADDRESS: BARSTOW RAIL YARD
BARSTOW CA
San Bernardino
CONTACT:

REV: 12/7/94
ID1: 414570
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 12/7/1994 **TIME OF SPILL:** 0830

PRODUCT RELEASED (1): HYDRAULIC OIL
QUANTITY (1): 145
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: SOURCE SECURED/CONTAINED SPILL AND CLEANUP CREWS CLEANING UP SPILL USING SORBENTS AND VAC TRUCK
RELEASE DETECTION: DEFECTIVE HOSE CONNECTED TO RAIL RETARDER LEAKED
MISC. NOTES: WILL NOTIFY: CA OES

DISCHARGER INFORMATION

DISCHARGER ID: 414570
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILROAD
ADDRESS: 1700 EAST GOLF RD
SCHAUMBERG IL 60173

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

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

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

GENERAL SITE INFORMATION
File Name (if different than site name):

Status: *PROPERTY/SITE REFERRED TO RWQCB (REFRW)*
AWP Site Type: *N/A*
NPL Site:
Fund:
Status Date: *06011995*
Lead: *RWQCB*
Staff: *JABRAHAM*
Senior Supervisor: *MMONROY*

DTSC Region and RWQCB : *4 / LONG BEACH*
Branch: *SOUTHERN CA. - B*
RWQCB: *LAHONTAN*
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 CAD980498570*

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)
RCRA 3012

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 RWQCB*
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: *04141983*
Yards of Solids Removed: *0*
Yards of Solids Treated: *0*
Gallons of Liquid Removed: *0*
Gallons of Liquid Treated: *0*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN ROAD DISPOSAL	**REV:**	07/03/00
ADDRESS:	FORT IRWIN ROAD	**ID1:**	CAL36490092
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	PROPERTY/SITE REFERRED TO RWQC
CONTACT:		**PHONE:**	

Activity:	***DISCOVERY (DISC)***
Activity Status:	*PROPERTY/SITE REFERRED TO RWQCB*
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 RWQCB*
Completion Due Date:	
Revised Completion Due Date:	
Date Activity Actually Completed:	*06011984*
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
01011974	*INSPECTION(STATE) RWQCB INSP RESULTED IN REVISION OF*
01011974	*EXISTING WASTE DISCH REQ. DISP SITE*
01011974	*CITY WASTE OIL AND SLUDGE.*
09271978	*INSPECTION(STATE) RWQCB. OIL SLUDGE HAD BROKEN THROUGH NW*
09271978	*DIKE RESULTING IN OIL FLOW DOWN A SWALE,*
09271978	*SOME PONDING. PLAN OF CORRECTTION REQ*
01041980	*INSPECTION(STATE) RWQCB. COMPLI INSP. DISCH IN NON-PERMIT*
01041980	*AREA. REQ SUBMISSION OF INCIDENT REP.*
06091981	*INSPECTION(FED) SWMB. RCRA OPEN DUMP INSP. IN FULL*
06091981	*COMPLIANCE.*
06011982	*ENFORCEMENT ACTION RWQCB BOARD ORDER 6-82-129,REVISED WASTE*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

DATE	COMMENT
06011982	*DISCH REQ. PROHIBIT CL I WASTE*
08191982	*INSPECTION(STATE) RWQCB SAMPLING. REQ COMPREHENSIVE*
08191982	*SOILS INVESTIGATION.*
08191982	*SAMPLE RESULTS RWQCB: METHYLENE CHLORIDE*
10281982	*VIOLATION DETECTED OIL SLUDGE SPILL REPORT.*
04141983	*FACILITY IDENTIFIED ID FROM CO HEALTH.*
04141983	*TIP FROM CO HLTH INDICATES BARIED DRUMS*
05051983	*FACILITY DRIVE-BY LARGE DIRT AREA OFF FT IRWIN RD*
05051983	*NO EVIDENCE OF BURIED DRUMS OBSERVED*
05051983	*EXCAVATION ACTIVITY EVIDENT. NO VEG.*
05051983	*VEHICLE TRACKS PRESENT.*
05161983	*FINAL STRATEGY SITE REFERRED: TO HWMB/ENF*
09301983	*INSPECTION(STATE) RWQCB COMPLI INSP. NO PROB. ILLEGAL*
09301983	*DISP OF TRASH NOTED.*
10071983	*INSPECTION(STATE) RWQCB COMPLI INSP. NO PROB.*
10121983	*FACILITY IDENTIFIED ID FROM ERRIS*
06011984	*SELF MONITORING 3 MONITORING WELLS HAVE BEEN INSTALLED*

DATE	COMMENT

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

06011984 *DUST AROUND RR FAC; SAND, OIL,and GREASE*

DATE **COMMENT**
06011984 *W/ CLEANING COMPOUNDS. IN 1974 DEPT OF*

DATE **COMMENT**
06011984 *W.RESOURCES RECOM NO GRP1 WASTES*

DATE **COMMENT**
06011984 *WASTE TYPE: WASTE OIL SLUDGE, IRON and*

DATE **COMMENT**
06011984 *PHENOLS. RWQCB REP 4/14/82: 1) SOURCE*

DATE **COMMENT**
06011984 *ACV: RECEIVES WASTE OIL SLUDGE FROM*

DATE **COMMENT**
06011984 *BARSTOW CLASSIF FAC and MAINTENANCE FAC.*

DATE **COMMENT**
06011984 *2) FAC TYPE: LANDFARM.*

DATE **COMMENT**
06011984 *RWQCB REP 4/14/82*

DATE **COMMENT**
06011984 *SUBMIT TO EPA*

DATE **COMMENT**
06011984 *PRELIM ASSESS DONE RCRA 3012*

DATE **COMMENT**
09011987 *REPORTED FOR PROP65*

DATE **COMMENT**
01011988 *ON CORTESE LIST*

DATE **COMMENT**
01141991 *DHS received EPA Federal Investigation Team s Federal Faci-*

DATE **COMMENT**
01141991 *lity PA/SI Review - EPA recommends Site Inspection (June 15,*

DATE **COMMENT**
01141991 *1990). EPA is lead agency.*

DATE **COMMENT**
06011995 *RWQCB lead.*

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 135 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: WB I-40 MILE MARKER 30
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 9/16/1993
ID1: 342511
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 9/16/1993 **TIME OF SPILL:** 0709

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 60
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: YES **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: BIG RIG BROKE CROSS OVER LINE
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 342511 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 134 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: CENTER DIVIDE I-40 I MI W OF FORT KATIE
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 2/13/93
ID1: 307689
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 2/13/1993 **TIME OF SPILL:** 0505

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 120
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS. NO WATERWAYS
RELEASE DETECTION: OVERTURNED BIG RIG
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 307689 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 128 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: S/B I-15 SOUTH OF GHOST TOWN RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 11/30/94
ID1: 415977
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 11/30/1994 **TIME OF SPILL:** 0923

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	NO	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: REPORT OF DRIVER LEAKING FUEL ON ROADWAY FOR 1 MILE
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 415977 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER:
ADDRESS:

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 127 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/31/07
ID1: NRC-846229
ID2:
STATUS: PIPELINE
PHONE:

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 8/20/2007 4:07:40 PM **DATE COMPLETE:** 8/20/2007 4:16:04 PM
CALL TAKER: **CALL TYPE:** INC

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

RESPONSIBLE COMPANY: KINDER MORGAN
ORGANIZATION TYPE: PRIVATE ENTERPRISE

ADDRESS:
ORANGE CA 92868

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER IS REPORTING A DISCHARGE OF DIESEL FROM A SAMPLE TAP ON A PIPELINE DUE THE DRAIN BACKING UP.

INCIDENT TYPE:	PIPELINE	**INCIDENT CAUSE:**	EQUIPMENT FAILURE
INCIDENT DATE:	8/20/2007 12:50:00 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:	SERVICE	**DOT REGULATED:**	Y
PIPELINE ABOVE GROUND:	BELOW	**EXPOSED UNDERWATER:**	N
PIPELINE COVERED:	U	**GRADE CROSSING:**	U
LOCATION SUBDIVISION:		**RAILROAD MILEPOST:**	
TYPE VEHICLE INVOLVED:		**CROSSING DEVICE TYPE:**	
DEVICE OPERATIONAL:	Y		
DOT CROSSING NUMBER:		**BRAKE FAILURE:**	U

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 127 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/31/07
ID1: NRC-846229
ID2:
STATUS: PIPELINE
PHONE:

TANK ABOVE GROUND:	ABOVE	**TRANSPORTABLE CONTAINER:**	U
TANK REGULATED:	U	**TANK REGULATED BY:**	
TANK ID:		**CAPACITY OF TANK:**	
CAPACITY OF TANK UNITS:		**ACTUAL AMOUNT:**	
ACTUAL AMOUNT UNITS:		**PLATFORM RIG NAME:**	
PLATFORM LETTER:		**LOCATION AREA ID:**	
LOCATION BLOCK ID:			

DESCRIPTION OF TANK:

OCSG NUMBER:		**OCSP NUMBER:**	
STATE LEASE NUMBER:		**PIER DOCK NUMBER:**	
BERTH SLIP NUMBER:		**CONTIN RELEASE TYPE:**	
INITIAL CONT RELEASE NUM:		**CONT RELEASE PERMIT:**	
ALLISION:	U	**TYPE OF STRUCTURE:**	
STRUCTURE NAME:		**STRUCT OPERATIONAL:**	U
AIRBAG DEPLOYED:	U	**DATE NORMAL SERVICE:**	
SERVICE DISRUPT TIME:		**SERVICE DISRUPT UNITS:**	
TRANSIT BUS FLAG:		**CR BEGIN DATE:**	
CR END DATE:		**CR CHANGE DATE:**	
FIRE INVOLVED:	N	**FIRE EXTINGUISHED:**	U
ANY EVACUATIONS:	N	**NUMBER EVACUATED:**	
WHO EVACUATED:		**RADIUS OF EVACUATION:**	
ANY INJURIES:	N	**NUMBER INJURED:**	
NUMBER HOSPITALIZED:		**ANY FATALITIES:**	N
NUMBER FATALITIES:		**ANY DAMAGES:**	N
DAMAGE AMOUNT:		**AIR CORRIDOR CLOSED:**	N
AIR CORRIDOR DESC:		**AIR CLOSURE TIME:**	
WATERWAY CLOSED:	N	**WATERWAY DESC:**	
WATERWAY CLOSURE TIME:		**ROAD CLOSED:**	N
ROAD DESC:		**ROAD CLOSURE TIME:**	
CLOSURE DIRECTION:		**MAJOR ARTERY:**	N
TRACK CLOSED:	N	**TRACK DESC:**	
TRACK CLOSURE TIME:		**MEDIA INTEREST:**	NONE
MEDIUM DESC:	LAND	**ADDTL MEDIUM INFO:**	2X2 FEET AREA ON GRAVEL AND SOIL
BODY OF WATER:		**TRIBUTARY OF:**	
NEAREST RIVER MILE MARK:		**RELEASE SECURED:**	Y
EST DUR OF RELEASE:		**RELEASE RATE:**	
TRACK CLOSE DIR:		**ST AGENCY ON SCENE:**	NONE
ST AGENCY RPT NUM:	07-4981	**OTHER AGENCY NOTIFIED:**	
WEATHER CONDITIONS:	SUNNY	**AIR TEMPERATURE:**	100
WIND SPEED:		**WIND DIRECTION:**	
WATER SUPPLY CONTAM:	U	**SHEEN SIZE:**	
SHEEN COLOR:		**DIR OF SHEEN TRAVEL:**	
SHEEN ODOR DESCRIPTION:		**WAVE CONDITION:**	
CURRENT SPEED:		**CURRENT DIRECTION:**	
WATER TEMPERATURE:			

DESC OF REMEDIAL ACTION: EXCAVATED STAINED GRAVEL AND SOIL.

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 127 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/31/07
ID1: NRC-846229
ID2:
STATUS: PIPELINE
PHONE:

EMPL FATALITY:		**PASS FATALITY:**	
COMMUNITY IMPACT:		**WIND SPEED UNITS:**	
EMPLOYEE INJURIES:		**PASSENGER INJURIES:**	
OCCUPANT FATALITY:		**CURRENT SPEED UNITS:**	
ROAD CLOSURE UNITS:		**TRACK CLOSURE UNITS:**	
SHEEN SIZE UNITS:		**STATE AGENCY NOTIFIED:**	CA OES
FED AGENCY NOTIFIED:	NONE	**NEAREST RIVER MILE MARK:**	
SHEEN SIZE LENGTH:		**SHEEN SIZE LENGTH UNITS:**	
SHEEN SIZE WIDTH:		**SHEEN SIZE WIDTH UNITS:**	
OFFSHORE:	N	**DURATION UNIT:**	
RELEASE RATE UNIT:		**RELEASE RATE RATE:**	

ADDITIONAL INFO: CALLER WILL NOTIFY FD AND THE BUREAU OF RECLAMATION.

MATERIAL INFORMATION

CHRIS CODE:	OTD	**CASE NUMBER:**	000000-00-0
UN NUMBER:		**REACHED WATER:**	NO

NAME OF MATERIAL: OIL, FUEL: NO. 2-D
AMOUNT OF MATERIAL: 0 UNKNOWN AMOUNT
AMOUNT IN WATER:

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 126 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: INTERSECTION BARSTOW RD AND RIMROCK RD
BARSTOW CA
San Bernardino
CONTACT:

REV: 01-20-98
ID1: 50808
ID2:
STATUS: UNKNOWN
PHONE:

CERCLIS (Y/N):

MAT: NATURAL GAS **QUANT:** 0 UNKNOWN

LOCATION: INTERSECTION BARSTOW RD AND RIMROCK RD
CITY: **REPORTED:** 01/20/88

SOURCE: UNKNOWN **MEDIUM:** OTHER
34 STEEL GATHERING LINE/CONTRACTOR INSTALLING STORM DRIAN UNDER GAS LINE DA
CAUSE: UNKNOWN
MAGED PIPE WALL NO ESCAPING GAS

ACT: LOWERED LINE PRESSURE TO A WELDING PRESSURE AND MAKING REAPAIRS
BY:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 125 **DIST/DIR:** NON GC **MAP ID:**

NAME: YELLOW FREIGHT
ADDRESS: I-15 AND PALMDALE ROAD
BARSTOW CA
San Bernardino
CONTACT:

REV: 9/27/98
ID1: 595684
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 9/27/1998 **TIME OF SPILL:** 1000

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 200
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: SOIL

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: TRACTOR TRAILER TOWED BACK TO TERMINAL / TOW TRUCK COMPANY WAS TO INITIATE CLEAN UP / CONTRACTOR WILL GO BACK OUT TO CHECK ON CLEAN UP
RELEASE DETECTION: SADDLE TANKS ON A TRACTOR TRAILER / ROAD DEBRIS PUNCTURED TANK / NO HAZMAT ON BOARD
MISC. NOTES: NO OTHER INFORMATION WAS SUPPLIED / WAS UNABLE TO GET AHOLD OF THE STATE

DISCHARGER INFORMATION

DISCHARGER ID: 595684
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: YELLOW FREIGHT
ADDRESS:
VICTORVILLE CA

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 112 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: SB I-15, SOUTH OF W. MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 10/30/92
ID1: 293470
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 10/30/1992 **TIME OF SPILL:** 1547

PRODUCT RELEASED (1): DIESEL FUEL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 10/30/1992 **TIME OF SPILL:** 1547

PRODUCT RELEASED (1): DIESEL FUEL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CALTRANS TO CLEANUP
RELEASE DETECTION: BIG RIG JACK-KNIFED

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 112 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: SB I-15, SOUTH OF W. MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 10/30/92
ID1: 293470
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 293470
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CALTRANS TO CLEANUP
RELEASE DETECTION: BIG RIG JACK-KNIFED
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 293470
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

NFRAP

SEARCH ID: 87 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN RD DSPL
ADDRESS: FORT IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/1/09
ID1: CAD980498570
ID2: 0901753
STATUS: NFRAP-N
PHONE:

DESCRIPTION:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		09-01-1988
DISCOVERY	EPA Fund-Financed		11-01-1979
PRELIMINARY ASSESSMENT NFRAP: No further Remedial Action planned	EPA Fund-Financed		09-01-1988
PRELIMINARY ASSESSMENT Low priority for further assessment	State, Fund Financed	10-01-1984	05-01-1985

ERNS

SEARCH ID: 110 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNK
ADDRESS: HODGE RD 1/4MI W OF I5
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 01-20-98
ID1: 73374
ID2:
STATUS: UNKNOWN
PHONE:

CERCLIS (Y/N):

MAT: CORROSIVE POISON **QUANT:** 60 GALLONS

LOCATION: HODGE RD 1/4MI W OF I5
CITY: **REPORTED:** 07/26/88

SOURCE: UNKNOWN **MEDIUM:** LAND

CAUSE: ILLEGAL DUMPING WASTE FROM METHAMPHETAMINE LAB/FLO TO LAND ILLEGAL DUMPING WA
UNKNOWN
STE FROM METHAMPHETAMINE LAB/FLO TO LAND

ACT: CA SUPERFUND=CU TECHNICAL WASTE MGMT =CONTRACTOR
BY:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 176 **DIST/DIR:** NON GC **MAP ID:**

NAME: BLDG 143 T72
ADDRESS: 2ND STREET
FORT IRWIN NTC CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/11/08
ID1: T0607100852
ID2:
STATUS: 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: *REGIONAL BOARD*
REGIONAL BOARD: *6V*
LOCAL CASE NUMBER: *94003*
RESPONSIBLE PARTY: *US ARMY*
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR: *US ARMY*
WATER SYSTEM:

CASE NUMBER: *6B3600657T*
CASE TYPE: *SOIL ONLY*
SUBSTANCE LEAKED: *DIESEL*
SUBSTANCE QUANTITY:
LEAK CAUSE: *UNKNOWN*
LEAK SOURCE: *TANK*
HOW LEAK WAS DISCOVERED: *TANK CLOSURE*
DATE DISCOVERED (blank if not reported): *1994-02-10 00:00:00*
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported): *1994-02-10 00:00:00*
STATUS: *CASE CLOSED*
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): *Closure Letter*
DATE OF ENFORCEMENT (blank if not reported): *1994-01-27 00:00:00*

ENTER DATE (blank if not reported): *1994-09-12 00:00:00*
REVIEW DATE (blank if not reported): *2002-04-04 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):
DATE POLLUTION CHARACTERIZATION PLAN BEGAN (blank if not reported): *1994-06-29 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): *2006-04-12 00:00:00*
REPORT DATE (blank if not reported): *1994-06-21 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: *

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 103 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILROAD
ADDRESS: H AND MAIN ST, MP 748
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 2/2/94
ID1: 362070
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 2/2/1994 **TIME OF SPILL:** 0730

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 250
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY SANTA FE
RELEASE DETECTION: FUELING FACILITY FUEL NOZZLE BROKE
MISC. NOTES: VEHICLE WAS ABANDONED BY THE DRIVER OF THE TRUCK

DISCHARGER INFORMATION
DISCHARGER ID: 362070 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILROAD
ADDRESS: 740 E. CARNEGIE DR
SAN BERNARDINO CA 92408-

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 102 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILROAD
ADDRESS: EAST BARSTOW RAILROAD STATION, I-15 AND EAST MAIN
BARSTOW CA
San Bernardino
CONTACT:

REV: 2/23/96
ID1: 493212
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION
DATE OF SPILL: 2/23/1996 **TIME OF SPILL:** 0015

PRODUCT RELEASED (1): AMMONIA,ANHYDROUS
QUANTITY (1): 160800
UNITS (1): LBS

PRODUCT RELEASED (2): METHYLAMINE (ANHYDROUS)
QUANTITY (2): 157300
UNITS (2): LBS

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN:
RELEASE DETECTION: TRAIN DERAILMENT, 2 HAZMAT CARS STILL UP RIGHT, NO LEAK 17 CARS TOTAL. 4 REFER CARS WITH 500 GALS. DIESEL EACH POTENTIAL
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 493212 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILROAD
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 101 **DIST/DIR:** NON GC **MAP ID:**

NAME:	PRO FLAME GAS	**REV:**	01-04-01
ADDRESS:	RIVERSIDE DRIVE AT THE OLD STOCKYARDS	**ID1:**	131766
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	UNKNOWN
CONTACT:		**PHONE:**	

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

ERNS

SEARCH ID: 97 **DIST/DIR:** NON GC **MAP ID:**

NAME:	MAY FLOWER VAN LINE	**REV:**	01-04-01
ADDRESS:	I 15 3/4 MI N OF W MAIN ST	**ID1:**	114473
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	UNKNOWN
CONTACT:		**PHONE:**	

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 96 **DIST/DIR:** NON GC **MAP ID:**

NAME: BULK TRANSPORTATION
ADDRESS: L and WHITE STREETS
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 7/30/93
ID1: 335765
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 7/30/1993 **TIME OF SPILL:** 1230

PRODUCT RELEASED (1): SODIUM HYDROXIDE
QUANTITY (1): 300
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CONTRACTOR
RELEASE DETECTION: DRIVER ERROR CAUSED SUBSTANCE TO BLOW OUT OF TRUCK
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 335765
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BULK TRANSPORTATION
ADDRESS: PO BOX 390
WALNUT CA 91789-

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 95 **DIST/DIR:** NON GC **MAP ID:**

NAME: BULINGTON NORTHERN RAILROAD
ADDRESS: BARSTOW YARD, H + MAIN ST.
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 2/6/97
ID1: 536424
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION
DATE OF SPILL: 2/6/1997 **TIME OF SPILL:** 0940

PRODUCT RELEASED (1): GUM ADHESIVE +SOLVENT
QUANTITY (1): 5
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: C/U BY CONSOLIDATED WASTE MANAGEMENT (RP CONTRATOR)S
RELEASE DETECTION: LEAKING OUT OF DOOR OF TRAILER LOCATED ON FLAT CAR CAR ISOLATED, NONE ON GROUND.
MISC. NOTES: Previous Case : 97-0402

DISCHARGER INFORMATION
DISCHARGER ID: 536424 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BULINGTON NORTHERN RAILROAD
ADDRESS: 1700 EAST GOLF RD.
SCHAUMBURG IL 60173-

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 94 **DIST/DIR:** NON GC **MAP ID:**

NAME: BNSF RR
ADDRESS: H STREET RAILROAD YARD -TANGENT RETARDER 26 BARST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 3/12/97
ID1: 536538
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION
DATE OF SPILL: 3/12/1997 **TIME OF SPILL:** 1507

PRODUCT RELEASED (1): HYDRAULIC OIL
QUANTITY (1): 250
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CU/BY ENVIRON-CLEAN
RELEASE DETECTION: A HYDRAULIC ON THE HUMP RETARDER FAILED RELEASING THE OIL THE HUMP RETARDER HAS EEN REPAIRED
MISC. NOTES: Previous Case : 97-0520

DISCHARGER INFORMATION
DISCHARGER ID: 536538 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BNSF RR
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 92 **DIST/DIR:** NON GC **MAP ID:**

NAME:	ALL AMERICAN PIPELINE/M KING	**REV:**	01-04-01
ADDRESS:	12 MI W OF BARSTOW/S OF ST ROURE 58	**ID1:**	124159
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	UNKNOWN
CONTACT:		**PHONE:**	

DETAILS NOT AVAILABLE

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 91 **DIST/DIR:** NON GC **MAP ID:**

NAME: ALL AMERICAN PIPELINE
ADDRESS: TWELVE GAUGE LAKE STATION, ABOUT 15 MI W OF BARSTO
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 5/25/94
ID1: 377629
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 5/25/1994 **TIME OF SPILL:** 0900

PRODUCT RELEASED (1): OIL:CRUDE
QUANTITY (1): 10
UNITS (1): BBL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP SUPERVISED BY RP
RELEASE DETECTION: FITTING ON PRESSURE SWITCH CRACKED AND SPRAYED OIL INTO AIR.
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 377629
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: ALL AMERICAN PIPELINE
ADDRESS: 5500 MING AVE
BAKERSFIELD CA 93309-

DUN and BRADSTREET :

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 111 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: I-40 W/B MILEPOST 72
BARSTOW CA
San Bernardino
CONTACT:

REV: 12/9/90 0:
ID1: 189411
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 12/9/1990 **TIME OF SPILL:** 1200

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 90
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: RUPTURED FUEL TANK\par **MISC. NOTES:**

DISCHARGER INFORMATION
DISCHARGER ID: 189411 **DUN and BRADSTREET :**
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

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 UNDEGROUND 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; therefor, 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:
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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.
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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
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: BARSTOW CA 92311

JOB: 206725003

Street Name	Dist/Dir	Street Name	Dist/Dir
A St	0.18 SW	Las Amigas Dr	0.03 NE
Alta Vista Ln	0.05 NE	Lenwood Rd	0.00 --
Ann St	0.09 NW	Lillian Dr	0.03 NE
Antelope Ln	0.05 NE	Lookout Dr	0.15 NE
Apache Ave	0.05 SE	Lotebush Ln	0.16 SW
Arbuckle St	0.07 SE	Luna Dr	0.22 SW
Argarita Ave	0.06 SW	M St	0.07 SE
Armory Rd	0.06 SE	Madrona Ave	0.16 SW
Arroyo Dr	0.06 SW	Manzanita Dr	0.06 SW
Arville Ave	0.15 NE	May Ln	0.04 NE
Avenue H	0.00 --	May St	0.23 SW
Avenue I	0.05 NW	McBroom Ave	0.12 SE
Avenue J	0.08 NW	Mercantile Way	0.19 SE
Avenue K	0.13 NW	Meridian Rd	0.15 SE
B St	0.18 SW	Mesa Dr	0.23 NW
Baldwin Ln	0.04 NE	Michael St	0.14 NE
Baldwin Rd	0.22 SW	Mirage Dr	0.18 SW
Barstow Rd	0.00 --	Monterey Ave	0.01 SW
Bassett Dr	0.05 NW	Morton St	0.11 SE
Belinda St	0.15 NE	Moss Ave	0.09 SE
Beryl Rd	0.21 SE	Mount Vernon Ave	0.03 NE
Beverly Ave	0.25 SE	Muir St	0.10 SE
Broadway Ave	0.16 SE	N St	0.03 NW
Buckboard Rd	0.08 NW	National Trails Hwy	0.00 --
Cal Ave	0.15 SE	O St	0.04 SE
Calico Dr	0.04 SE	Oakmont Dr	0.17 SW
Caliente Dr	0.20 NE	Oasis Dr	0.22 SW
Carson St	0.03 NW	Old Hwy 58	0.00 --
Center Ave	0.12 SE	Olive Ct	0.06 SW
Center Ln	0.12 SE	Outlet Center Dr	0.01 SE
Channel Rd	0.23 NE	P St	0.04 SE
Church Ave	0.02 SE	Palm St	0.22 SE
Cochise Ave	0.12 SE	Palmetto Dr	0.17 SW
Commerce Pky	0.14 NW	Pampas Ct	0.07 SW
Coolwater Ln	0.04 NW	Patricia St	0.20 NW
Corning Ave	0.11 SE	Pine Ave	0.05 SW
Cottonwood Dr	0.17 S-	Piute St	0.08 SE
D St	0.12 SW	Purple Sage Ct	0.05 SW
Date St	0.18 SE	Rimrock Rd	0.16 SE
De Anza St	0.04 SE	Riverside Dr	0.00 --
Deseret Ave	0.05 SW	Roberta Ct	0.04 NW
Dolomite St	0.22 SW	Roberta St	0.01 NW
Durango St	0.08 NE	Rockford St	0.11 SE
E Grace St	0.08 NE	S 1st Ave	0.15 NE
E Navajo St	0.02 NW	S 2nd Ave	0.09 NE
E St	0.12 SW	S Coyote Ln	0.05 NE
E Virginia Way	0.03 NW	S Muriel Dr	0.00 --
Eastgate Rd	0.21 NW	S Yucca St	0.07 NW

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: BARSTOW CA 92311

JOB: 206725003

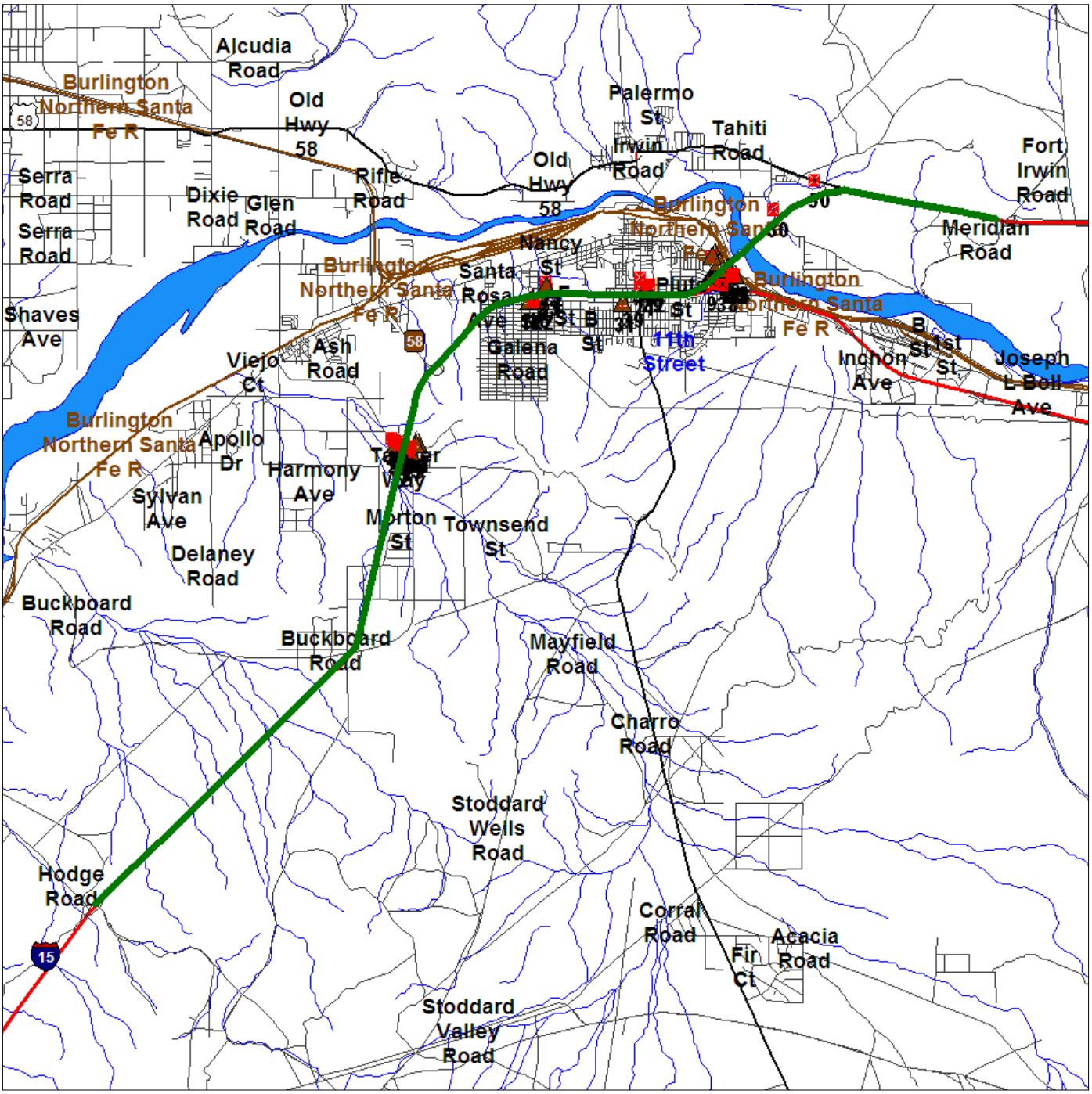
Street Name	Dist/Dir	Street Name	Dist/Dir
Elizabeth St	0.01 NW	San Miguel St	0.04 NW
F St	0.11 SW	Sandalwood Ct	0.05 SW
Faith Ln	0.05 NE	Sandy Hill Dr	0.04 SW
Fenmore Dr	0.17 SW	Santa Catalina Ave	0.03 NW
Fenoak Dr	0.17 SE	Santa Cruz St	0.20 NW
Fisher Blvd	0.13 SE	Santa Maria St	0.12 NW
Forest Ave	0.12 SE	Santa Rosa Ave	0.03 NW
Fort Irwin Rd	0.16 SE	Scenic Way	0.25 NE
G St	0.11 SW	Sidewinder Rd	0.00 --
Gen Ct	0.04 NW	Soapmine Rd	0.00 --
Glade St	0.08 SE	State Highway 247	0.01 SW
Grove Ct	0.08 SE	State Highway 58	0.00 --
H St	0.00 --	State St	0.02 SE
High Point Pky	0.12 SE	Stevens St	0.24 NW
Highland St	0.17 SW	Stoddard Mountain Rd	0.02 SE
Hodge Rd	0.01 SW	Sulgrove St	0.11 SE
I- 15 Service Road	0.22 NE	Sumac Ct	0.06 SW
I St	0.09 SE	Sunflower Ct	0.19 NW
I-15	0.00 --	Tanger Way	0.08 SE
I-40	0.00 --	Tecate Dr	0.17 SW
Ironwood Dr	0.08 SE	Vineyard St	0.08 NE
Ivy Ct	0.06 NW	W Grace St	0.08 NE
J St	0.08 SE	West Virginia Way	0.15 NE
Juniper St	0.25 SW	Western Whip Ct	0.02 NE
K St	0.06 SE	Windy Pass	0.06 SE
Kay Ct	0.05 NW	Wisteria Ave	0.13 SW
Kelly Dr	0.04 NW	Yorktown St	0.11 SE
Ken Ln	0.14 NE		
L St	0.01 NW		

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

, BARSTOW CA 92311



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

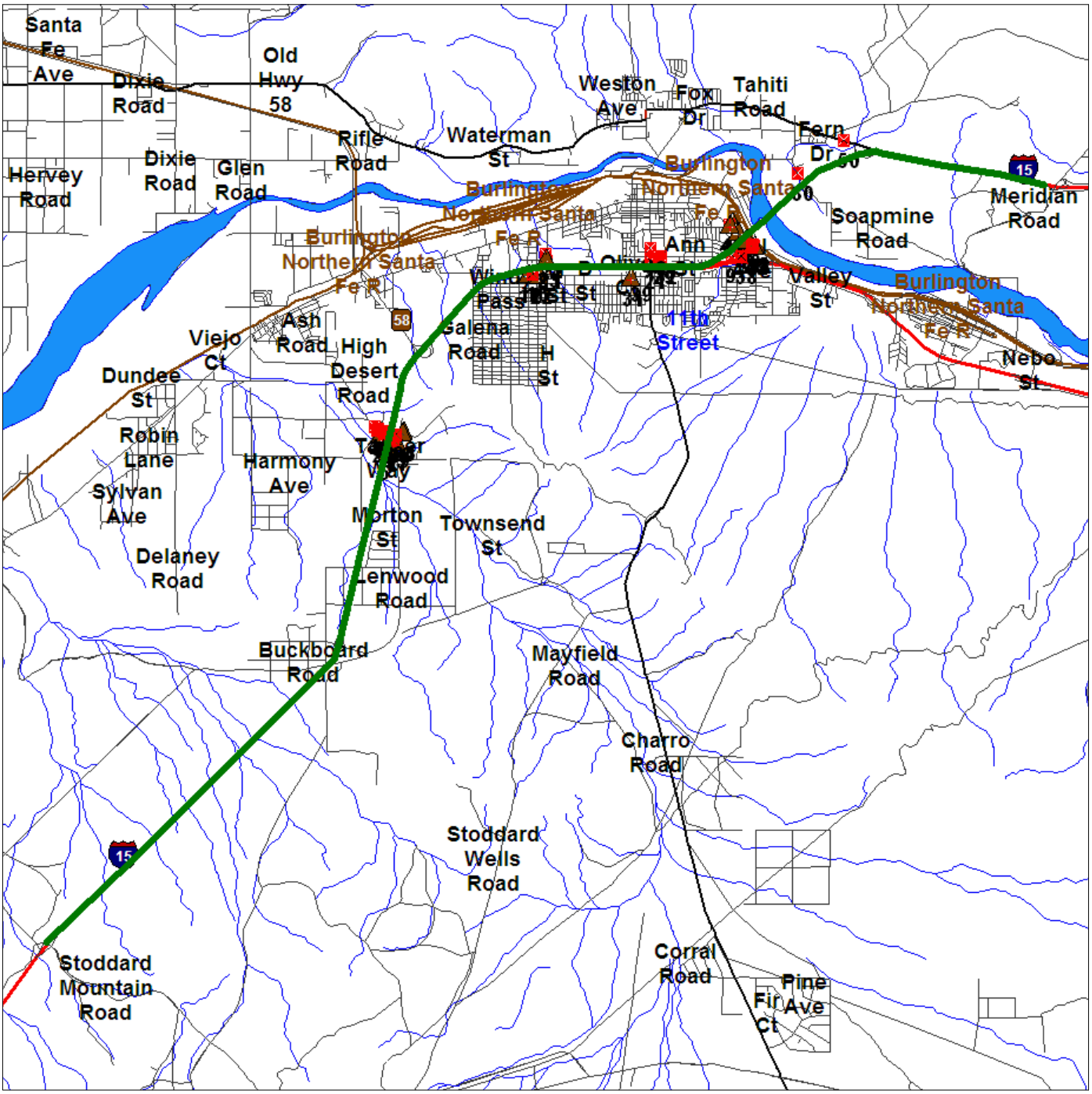
Railroads .....

Environmental FirstSearch

.25 Mile Radius from Line

LINEAR: Multiple Databases

, BARSTOW CA 92311



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

TRACK ➤ INFO SERVICES, LLC

Environmental FirstSearch™ Report

TARGET PROPERTY:

SEGMENT 5

JEAN NV 89019

Job Number: SEG5

PREPARED FOR:

Ninyo and Moore

475 Goddard Ave. Suite 200

Irvine, CA 92618

07-06-06

Tel: (866) 664-9981 *Fax: (818) 249-4227*

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Environmental FirstSearch
Search Summary Report

Target Site: SEGMENT 5

JEAN NV 89019

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-10-06	0.12	0	0	-	-	-	0	0
CERCLIS	Y	03-08-06	0.12	0	0	-	-	-	0	0
NFRAP	Y	03-08-06	0.12	0	0	-	-	-	0	0
RCRA TSD	Y	04-16-06	0.12	0	0	-	-	-	0	0
RCRA COR	Y	04-16-06	0.12	0	0	-	-	-	0	0
RCRA GEN	Y	04-16-06	0.12	0	0	-	-	-	0	0
ERNS	Y	12-31-05	0.12	1	1	-	-	-	0	2
State Sites	Y	03-31-06	0.12	0	0	-	-	-	0	0
Spills-1990	Y	NA	0.12	0	0	-	-	-	0	0
SWL	Y	06-27-02	0.12	0	0	-	-	-	0	0
REG UST/AST	Y	04-01-06	0.12	0	5	-	-	-	3	8
Leaking UST	Y	03-31-06	0.12	0	0	-	-	-	2	2
- TOTALS -				1	6	0	0	0	5	12

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:	07-06-06	**Search Type:**	LINEAR
Requestor Name:	Ninyo and Moore	**Job Number:**	SEG5
Standard:	LINEAR		**Filtered Report**

TARGET ADDRESS: SEGMENT 5
JEAN NV 89019

Demographics

Sites:	12	**Non-Geocoded:**	5	**Population:**	NA
Radon:	NA				

Site Location

	Degrees (Decimal)	**Degrees (Min/Sec)**		**UTMs**
Longitude:	-115.29253	-115:17:33	**Easting:**	654346.842
Latitude:	35.769959	35:46:12	**Northing:**	3959578.776
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.13 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
89124	LAS VEGAS	NV	0.00 --	Y

Services:

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

Environmental FirstSearch
Sites Summary Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

TOTAL: 12 **GEOCODED:** 7 **NON GEOCODED:** 5 **SELECTED:** 12

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	ERNS	WHISKEY PETE S TEXACO 513616/UNDERGROUND STORAGE	STATELINE & I-15 - T27S, R5 PREMADONNA NV 89019	0.00 --	1
2	ERNS	GOLD STRIKE CASINO MOBIL 571685/FIXED FACILITY	I-15, EXIT 12 JEAN NV 89019	0.01 NW	2
3	UST	NEVADA LANDING HOTEL & CASINO 8-001717/UST	I-15 @ GOODSPRINGS ROAD, . JEAN NV 89019	0.01 NW	2
4	UST	GOLD STRIKE HOTEL & GAMBLING HALL 8-001718/UST	I-15 @ HWY 161 JEAN NV 89019	0.01 NW	2
5	UST	GOLD STRIKE AUTO/TRUCK PLAZA 8-001175/UST	GOODSPRINGS RD, HWY 53 JEAN NV 89019	0.01 NW	2
9	UST	WHISKEY PETE S TEXACO 8-000772/UST	I-15 @ CA/NV BORDER JEAN NV 89019	0.10 SW	3
13	UST	PRIMADONNA UNOCAL 76 8-001163/UST	I-15 AT CA/NV BORDER, AT PR JEAN NV 89019	0.10 SW	3

Environmental FirstSearch
Sites Summary Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

TOTAL: 12 **GEOCODED:** 7 **NON GEOCODED:** 5 **SELECTED:** 12

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
16	LUST	NEVADA DEPARTMENT OF TRANSPORTATIO 8-000855	STATE ROUTE 160 @ MILEPOST MOUNTAIN SPRIN NV 89124	NON GC	
18	LUST	MT. CHARLESTON MAINTENANCE STATION 8-000854	STATE ROUTE 157 LAS VEGAS NV 89124	NON GC	
21	UST	CHEMSTAR - SLOAN FACILITY 8-001470/UST	15 MI SW OF LAS VEGAS ON OL LAS VEGAS NV 89124	NON GC	
22	UST	CHEMSTAR - SLOAN FACILITY AST8-001470/AST	15 MI SW OF LAS VEGAS ON OL LAS VEGAS NV 89124	NON GC	
23	UST	PRIMM TRAVEL CENTER 8-002090/UST	31900 SOUTH LAS VEGAS BLVD. JEAN NV 89019	NON GC	

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 1 **DIST/DIR:** 0.00 -- **MAP ID:** 1

NAME: WHISKEY PETE S TEXACO
ADDRESS: STATELINE & I-15 - T27S, R59E, SEC 8 NEQTR/SWQTR
PREMADONNA NV 89019
CONTACT:

REV:
ID1: 513616
ID2:
STATUS: UNDERGROUND STORAGE TANK
PHONE:

SPILL INFORMATION
DATE OF SPILL: **TIME OF SPILL:** 0000

PRODUCT RELEASED (1): NOT YET DETERMINED
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	NO	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: PLAN TO EXCAVATE AND EVALUATE WHETHER RELEASE OCCURRED - IF SO, WILL FOLLOW WITH REMEDIATION.
RELEASE DETECTION: FAILED LINE PRESSURE TEST & INVENTORY DISCREPANCY SUGGEST FUEL RELEASE. FAILED LINE PRESSURE TEST & INVENTORY DISCREPANCY SUGGEST FUEL RELEASE
MISC. NOTES: PERFORMING ADDITIONAL CHECKS TO DETERMINE WHETHER LEAKS OR GAUGING PROBLEMS EX

DISCHARGER INFORMATION
DISCHARGER ID: 513616
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: WHISKEY PETE S TEXACO
ADDRESS: PO BOX 19119
PREMADONNA NV 89019-9119
DUN & BRADSTREET #:

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

EMERGENCY RESPONSE NOTIFICATION SITE

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

NAME: GOLD STRIKE CASINO MOBIL
ADDRESS: I-15, EXIT 12
JEAN NV 89019
CONTACT:

REV: 3/14/98
ID1: 571685
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 3/14/1998 **TIME OF SPILL:** 1100

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: DIRT BEHIND THE STATION

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: APPARENTLY THE CUSTOMER MISTAKENLY PUMPED DIESEL FUEL INTO HIS VEHICLE AND THE STORE MANAGER ADVISED HIM TO DUMP THE FUEL BEHIND THE STATION.
RELEASE DETECTION: REPORTING PARTY INDICATES MR. HUMPHERY DIRECTED A CUSTOMER TO DRAIN APPROXIMATELY 20 GAL OF DIESEL FUEL ONTO DIRT BEHIND MOBIL STATION.
MISC. NOTES: THE FUEL WAS DUMPED APPROX. 20 YARDS NORTH OF THE STATION PAVEMENT.

DISCHARGER INFORMATION
DISCHARGER ID: 571685 **DUN & BRADSTREET #:**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: GOLD STRIKE CASINO MOBIL
ADDRESS: I-15, EXIT 12
JEAN NV 89019

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 7 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: NEVADA LANDING HOTEL & CASINO
ADDRESS: I-15 @ GOODSPRINGS ROAD, .
JEAN NV 89019

CONTACT: NEVADA LANDING HOTEL & CASINO

REV: 04/01/06
ID1: 8-001717
ID2:
STATUS: UST
PHONE: (702) 387-5000

OWNER: *NEVADA LANDING HOTEL & CASINO*
OWNER ADDRESS: *PO BOX 19278*
JEAN NV 89019
OWNER DESCRIPTION: *Private*

TANK ID: *1*
DATE INSTALLED: *7/1/1989*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *2000*

TANK MATERIAL: *Asphalt Coated or Bare Steel*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Bare Steel*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 6 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE HOTEL & GAMBLING HALL
ADDRESS: I-15 @ HWY 161
JEAN NV 89019

CONTACT: GOLD STRIKE HOTEL & GAMBLING HALL

REV: 04/01/06
ID1: 8-001718
ID2:
STATUS: UST
PHONE: (702) 477-5000

OWNER: *GOLD STRIKE HOTEL & GAMBLING HALL*
OWNER ADDRESS: *PO BOX 19278, PO BOX 19278*
JEAN NV 89019
OWNER DESCRIPTION: *Private*

TANK ID: *1*
DATE INSTALLED: *11/1/1987*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *1000*

TANK MATERIAL: *Asphalt Coated or Bare Steel*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Bare Steel*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE AUTO/TRUCK PLAZA
ADDRESS: GOODSPRINGS RD, HWY 53
JEAN NV 89019
CONTACT: MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &

REV: 04/01/06
ID1: 8-001175
ID2:
STATUS: UST
PHONE: (702) 477-5000

OWNER: *MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &*
OWNER ADDRESS: *NEVADA LANDING SHEL, P.O. BOX 19278*
JEAN NV 89019
OWNER DESCRIPTION: *Not Listed*

TANK ID: *1*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *3*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE AUTO/TRUCK PLAZA
ADDRESS: GOODSPRINGS RD, HWY 53
JEAN NV 89019
CONTACT: MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &

REV: 04/01/06
ID1: 8-001175
ID2:
STATUS: UST
PHONE: (702) 477-5000

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *4*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *5*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *6*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE AUTO/TRUCK PLAZA
ADDRESS: GOODSPRINGS RD, HWY 53
JEAN NV 89019
CONTACT: MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &

REV: 04/01/06
ID1: 8-001175
ID2:
STATUS: UST
PHONE: (702) 477-5000

None

TANK ID: *7*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *8*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *9*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME:	GOLD STRIKE AUTO/TRUCK PLAZA	**REV:**	04/01/06
ADDRESS:	GOODSPRINGS RD, HWY 53	**ID1:**	8-001175
	JEAN NV 89019	**ID2:**	
		STATUS:	UST
CONTACT:	MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &	**PHONE:**	(702) 477-5000

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

OWNER: *THE PRIMADONNA COMPANY LLC (MGM)*
OWNER ADDRESS: *ATTN JON ASHMEN, PO BOX 19119*
JEAN NV 89019
OWNER DESCRIPTION: *Commercial*

TANK ID: *1*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *10*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *11*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019

CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *3*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *4*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019

CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

Double-Walled

TANK ID: *5*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *6*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *7*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *5000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019

CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

TANK ID: *8*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *9*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

PIPE MODIFICATION DESCRIPTION:
None

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 3 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: PRIMADONNA UNOCAL 76
ADDRESS: I-15 AT CA/NV BORDER, AT PRIMADONNA HOTEL & CASINO
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-001163
ID2:
STATUS: UST
PHONE: (702) 382-1212

OWNER: *THE PRIMADONNA COMPANY LLC (MGM)*
OWNER ADDRESS: *ATTN JON ASHMEN, PO BOX 19119*
JEAN NV 89019
OWNER DESCRIPTION: *Commercial*

TANK ID: *1*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *3*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 3 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: PRIMADONNA UNOCAL 76
ADDRESS: I-15 AT CA/NV BORDER, AT PRIMADONNA HOTEL & CASINO
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-001163
ID2:
STATUS: UST
PHONE: (702) 382-1212

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *4*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *5*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *6*
DATE INSTALLED: *10/1/1996*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 3 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: PRIMADONNA UNOCAL 76
ADDRESS: I-15 AT CA/NV BORDER, AT PRIMADONNA HOTEL & CASINO
JEAN NV 89019

CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-001163
ID2:
STATUS: UST
PHONE: (702) 382-1212

None

TANK ID: *7*
DATE INSTALLED: *1/1/1992*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *1000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 12 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEVADA DEPARTMENT OF TRANSPORTATION
ADDRESS: STATE ROUTE 160 @ MILEPOST 21.30
MOUNTAIN SPRINGS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000855
ID2:
STATUS:
PHONE:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP:
Activity Type:

Type of Media Impacted:
Type of Container
From Which Release Occurred
Substance Released:
Description of Contaminant:

Date of Last Action:
Last Action Agency Memo:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP:
Activity Type:

Type of Media Impacted: *Soil & GW*
Type of Container
From Which Release Occurred
Substance Released:
Description of Contaminant:

Date of Last Action:
Last Action Agency Memo:

Date of Next Action:
Next Action Memo:
Date of Closure: *05/10/1995*
Regulatory Type of Closure:

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

Date of Next Action:
Next Action Memo:
Date of Closure: *10/12/1994*
Regulatory Type of Closure:

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 12 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEVADA DEPARTMENT OF TRANSPORTATION
ADDRESS: STATE ROUTE 160 @ MILEPOST 21.30
MOUNTAIN SPRINGS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000855
ID2:
STATUS:
PHONE:

NDEP Case Officer: *ksulliva*
Location of Paper File: *NDEP: Carson City*
State Div of Emergency Management Tracking Number

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *12/10/1998*
Last NDEP User to Modify a Discrete Activity: *LPETERSO*

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:
NDEP Case Officer: *CCHD*
Location of Paper File: *CCHD: Las Vegas*
State Div of Emergency Management Tracking Number

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *12/10/1998*
Last NDEP User to Modify a Discrete Activity: *LPETERSO*

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** NON GC **MAP ID:**

NAME: MT. CHARLESTON MAINTENANCE STATION
ADDRESS: STATE ROUTE 157
LAS VEGAS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000854
ID2:
STATUS:
PHONE:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP: *01/24/1994*
Activity Type:

Type of Media Impacted: *Soil*
Type of Container
From Which Release Occurred *UST*
Substance Released:
Description of Contaminant: *Overfill*

Date of Last Action:
Last Action Agency Memo:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP: *06/22/1999*
Activity Type:

Type of Media Impacted: *Soil*
Type of Container
From Which Release Occurred *UST*
Substance Released:
Description of Contaminant: *Overfill*

Date of Last Action:
Last Action Agency Memo:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP: *03/10/1998*
Activity Type:

Type of Media Impacted: *Soil*
Type of Container
From Which Release Occurred *UST*
Substance Released:
Description of Contaminant: *Overfill*

Date of Last Action:
Last Action Agency Memo:

Date of Next Action:
Next Action Memo:
Date of Closure: *05/24/1999*
Regulatory Type of Closure: *NAC 459 A-K*

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** NON GC **MAP ID:**

NAME: MT. CHARLESTON MAINTENANCE STATION
ADDRESS: STATE ROUTE 157
LAS VEGAS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000854
ID2:
STATUS:
PHONE:

Date of Next Action:
Next Action Memo:
Date of Closure: *07/15/1999*
Regulatory Type of Closure: *NAC 459 A-K*

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

Date of Next Action:
Next Action Memo:
Date of Closure: *10/14/1994*
Regulatory Type of Closure: *NAC 459 A-K*

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:
NDEP Case Officer: *CCHD*
Location of Paper File: *NDEP: Las Vegas*
State Div of Emergency Management Tracking Number *990622-0001*

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *5/25/1999*
Last NDEP User to Modify a Discrete Activity: *ARUSHANA*

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:
NDEP Case Officer: *arushana*
Location of Paper File: *NDEP: Las Vegas*
State Div of Emergency Management Tracking Number *990622-0001*

Company of Nevada Certified Manager Conducting Cleanup:
Pbone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *5/25/1999*
Last NDEP User to Modify a Discrete Activity: *ARUSHANA*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** NON GC **MAP ID:**

NAME: MT. CHARLESTON MAINTENANCE STATION
ADDRESS: STATE ROUTE 157
LAS VEGAS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000854
ID2:
STATUS:
PHONE:

AGENCY TRACKING INFORMATION

Petroleum Fund ID Number:
NDEP Case Officer: *arushana*
Location of Paper File: *NDEP: Las Vegas*
State Div of Emergency Management Tracking Number *990622-0001*

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *5/25/1999*
Last NDEP User to Modify a Discrete Activity: *ARUSHANA*

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 10 **DIST/DIR:** NON GC **MAP ID:**

NAME: CHEMSTAR - SLOAN FACILITY
ADDRESS: 15 MI SW OF LAS VEGAS ON OLD, SLOAN RD
LAS VEGAS NV 89124

CONTACT: CHEMICAL LIME CO

REV: 04/01/06
ID1: 8-001470
ID2:
STATUS: UST
PHONE: (702) 643-7702

OWNER: *CHEMICAL LIME CO*
OWNER ADDRESS: *PO BOX 3609*
NORTH LAS VEGAS NV 89036
OWNER DESCRIPTION: *Commercial*

TANK ID: *1*
DATE INSTALLED: *1/1/1966*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *1000*

TANK MATERIAL: *Asphalt Coated or Bare Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Bare Steel*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *1/1/1980*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *8800*

TANK MATERIAL: *Not Listed*
SUBSTANCE DESCRIPTION: *Other*
PIPE MATERIAL: *Not Listed*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 9 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CHEMSTAR - SLOAN FACILITY	**REV:**	10/11/99
ADDRESS:	15 MI SW OF LAS VEGAS ON OLD SLOAN RD LAS VEGAS NV 89124	**ID1:**	AST8-001470
		ID2:	
		STATUS:	AST
CONTACT:	CHEMICAL LIME CO	**PHONE:**	(702) 643-770

OWNER:	*CHEMICAL LIME CO*
OWNER ADDRESS:	*PO BOX 3609* *NORTH LAS VEGAS NV 89036*
OWNER DESCRIPTION:	*Commercial*
TANK STATUS:	*Permanently Out of Us*
SUBSTANCE STORED:	*Other*
TANK CAPACITY:	*8800*

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 8 **DIST/DIR:** NON GC **MAP ID:**

NAME: PRIMM TRAVEL CENTER
ADDRESS: 31900 SOUTH LAS VEGAS BLVD.
JEAN NV 89019

CONTACT: PRIMADONNA CASINO RESORTS

REV: 04/01/06
ID1: 8-002090
ID2:
STATUS: UST
PHONE: (702) 792-4600

OWNER: *PRIMADONNA CASINO RESORTS*
OWNER ADDRESS: *31900 SOUTH LAS VEGAS BLVD.*
JEAN NV 89019
OWNER DESCRIPTION: *Private*

TANK ID: *1*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *2*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *3*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 8 **DIST/DIR:** NON GC **MAP ID:**

NAME: PRIMM TRAVEL CENTER
ADDRESS: 31900 SOUTH LAS VEGAS BLVD.
JEAN NV 89019

CONTACT: PRIMADONNA CASINO RESORTS

REV: 04/01/06
ID1: 8-002090
ID2:
STATUS: UST
PHONE: (702) 792-4600

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *4*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *15000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

Environmental FirstSearch Database Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - Database of confirmed, proposed or deleted Superfund sites.

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

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.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

RCRA COR: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

RCRA GEN: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements.LGN - Large Quantity GeneratorsSGN - Small Quantity GeneratorsVGN – Conditionally Exempt Generator.Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

STATE SITES: ***NV DOC*** CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

STATE SITES: ***NV DOC*** CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation

described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

SWL: ***NV DOC*** SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

SWL: ***NV DOC*** SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

REG UST/AST: ***NV DOC/EPA 9*** UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.Please Note: AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number islocated in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

REG UST/AST: ***NV DOC/EPA 9*** UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.Please Note: AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number islocated in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

LEAKING UST: ***NV DOC*** LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed.WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed or needing emergency action.

LEAKING UST: ***NV DOC*** LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed.WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed or needing emergency action.

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.

Environmental FirstSearch Database Sources

NPL: ***EPA*** Environmental Protection Agency

Updated quarterly

CERCLIS: ***EPA*** Environmental Protection Agency

Updated quarterly

NFRAP: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA TSD: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA COR: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA GEN: ***EPA*** Environmental Protection Agency.

Updated quarterly

ERNS: ***EPA/NRC*** Environmental Protection Agency

Updated semi-annually

STATE SITES: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions

Updated quarterly/when available

STATE SITES: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions

Updated quarterly/when available

SWL: ***NV DOC*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated annually/when available

SWL: ***NV DOC*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated annually/when available

REG UST/AST: ***NV DOC/EPA 9*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
US EPA Region 9, Underground Storage Tank Program

Updated quarterly/when available

REG UST/AST: ***NV DOC/EPA 9*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
US EPA Region 9, Underground Storage Tank Program

Updated quarterly/when available

LEAKING UST: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions
Phone: (775) 687-4670
Washoe County Department of Environmental Health

Updated quarterly/when available

LEAKING UST: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions
Phone: (775) 687-4670
Washoe County Department of Environmental Health

Updated quarterly/when available

RADON: ***NTIS*** Environmental Protection Agency, National Technical Information Services

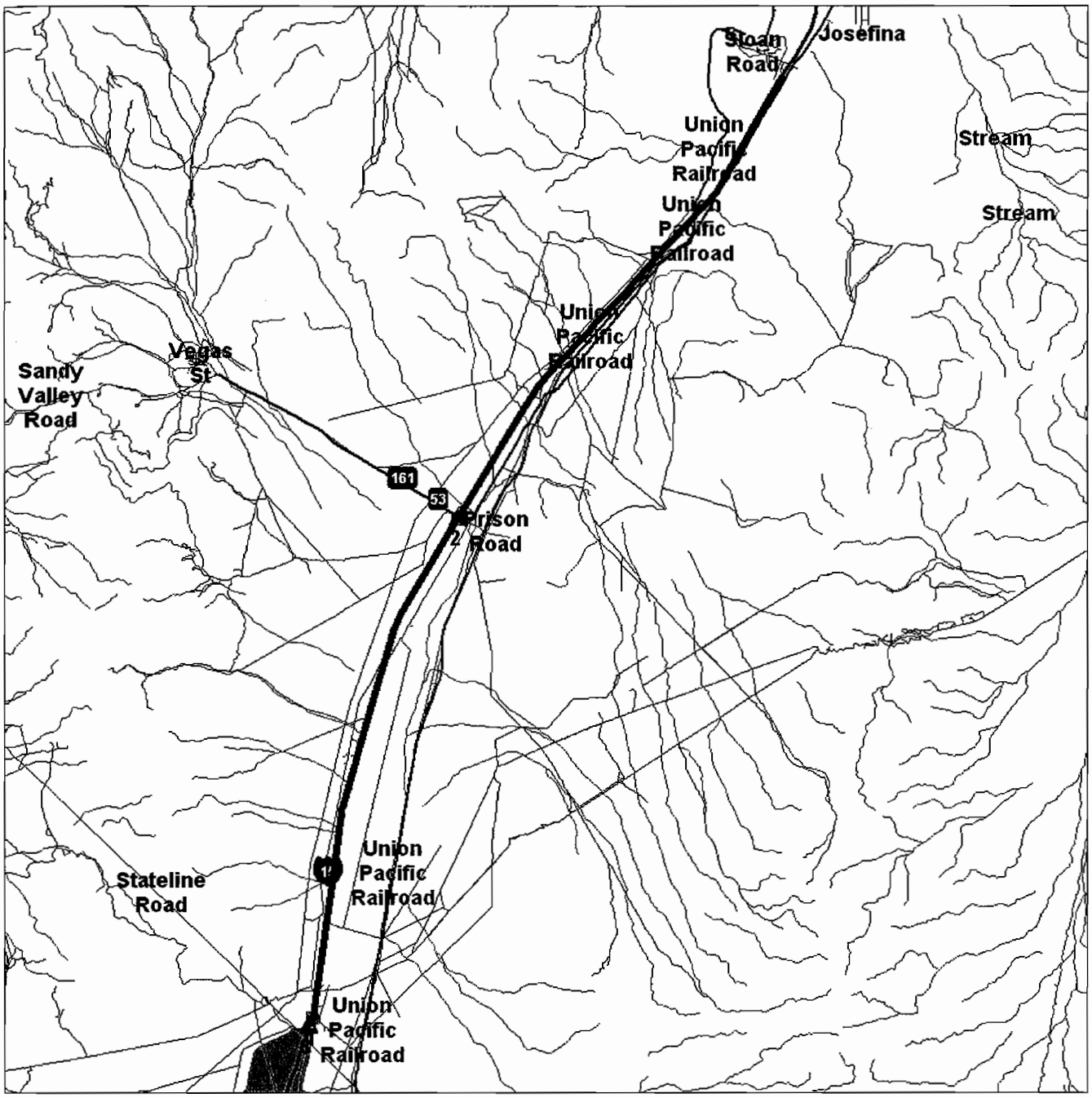
Updated periodically

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

SEGMENT 5 , JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste

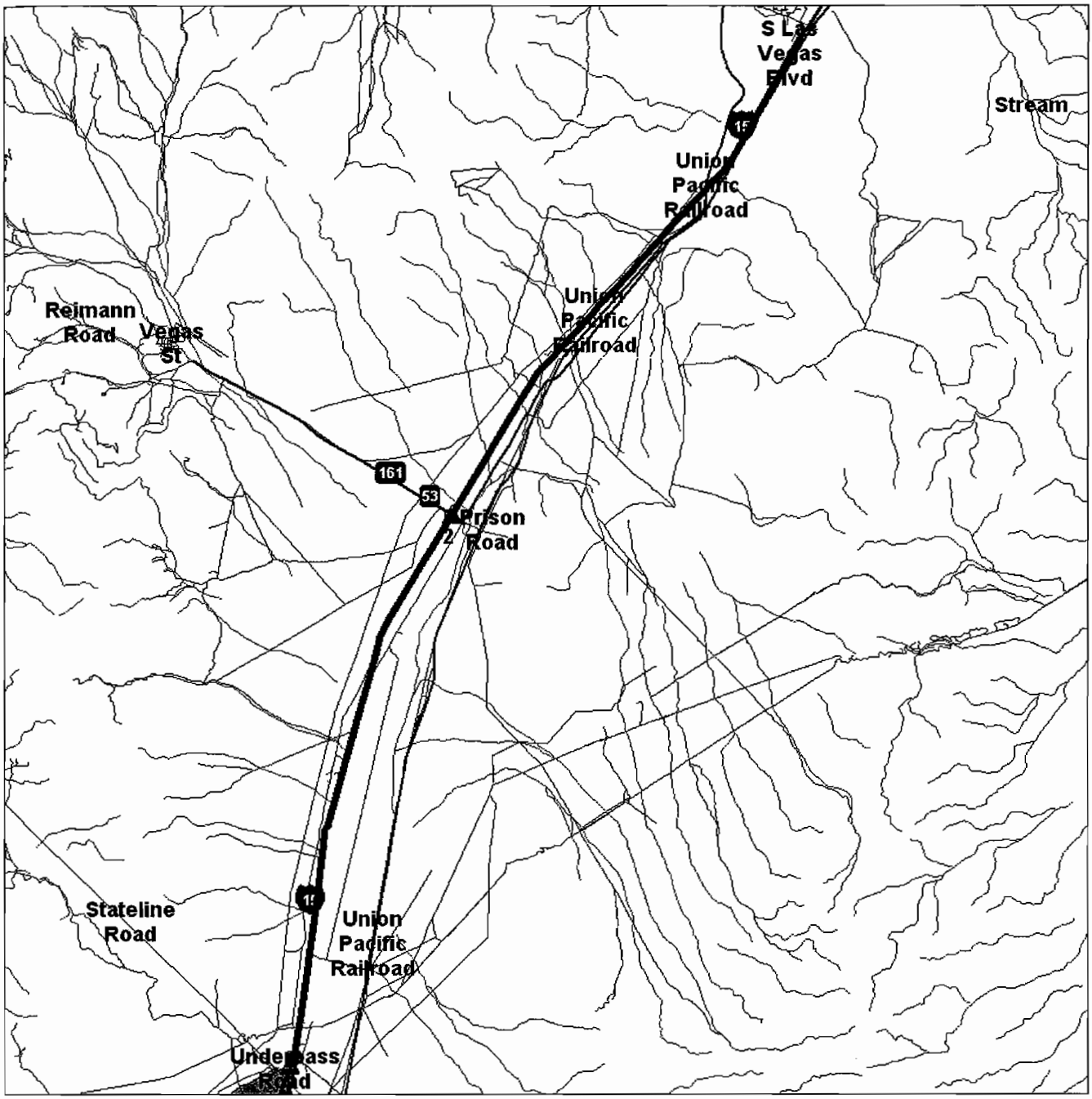
Railroads .....

Environmental FirstSearch

.12 Mile Radius from Line

LINEAR: Multiple Databases

SEGMENT 5 , JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste

Railroads .....

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

SEGMENT 2, OPTION C

Photograph No. 1: **Looking west at the southbound I-15 median, just west of Fort Irwin Road in the northern portion of the site.**

Photograph No. 2: **Looking west at vacant land north of Barstow, California.**

Photograph No. 3: **Looking southwest at the southbound I-15 median, just north of Barstow, California.**

Photograph No. 4: **Looking southeast at the Mojave Riverbed wash in Barstow, California.**

Photograph No. 5: **Looking at southbound I-15 median, at Muriel Drive overpass.**

Photograph No. 6: **Looking north at the Barstow Road exit. Chevron gasoline station (2C-7) can be seen in the background.**

Photograph No. 7: **Looking south at southbound I-15 median, Valero gasoline station can be seen in the background.**

Photograph No. 8: **Looking south at the I-15 median and residential properties in Barstow, California.**

Photograph No. 9: **Looking north at vacant undeveloped land north of Barstow, California.**

Photograph No. 10: **Looking northwest at the 58-Freeway exit from the I-15, northwest of Barstow, California.**

Photograph No. 11: **Looking south at southbound I-15 just north of Lenwood, California.**

Photograph No. 12: **Looking northeast at the Lenwood Road exit, in Lenwood, California. The Chevron gasoline station (2C-3) can be seen in the background.**

Photograph No. 13: **Looking east at the I-15 median, beyond which the Tanger Outlet Center can be seen.**

Photograph No. 14: **Looking east at vacant undeveloped land south of Lenwood, California.**

Photograph No. 15: **Looking west at vacant undeveloped land south of Lenwood, California.**

Photograph No. 16: **Looking southwest at the southbound I-15 median, south of Lenwood, California.**

SLOAN SUBSTATION

Photograph No. 1: **Looking southwest at the site.**

Photograph No. 2: **Looking southwest at the site.**

Photograph No. 3: **Looking north away from the site. I-15 can be seen in the background.**

Photograph No. 4: **Looking northeast away from the site.**

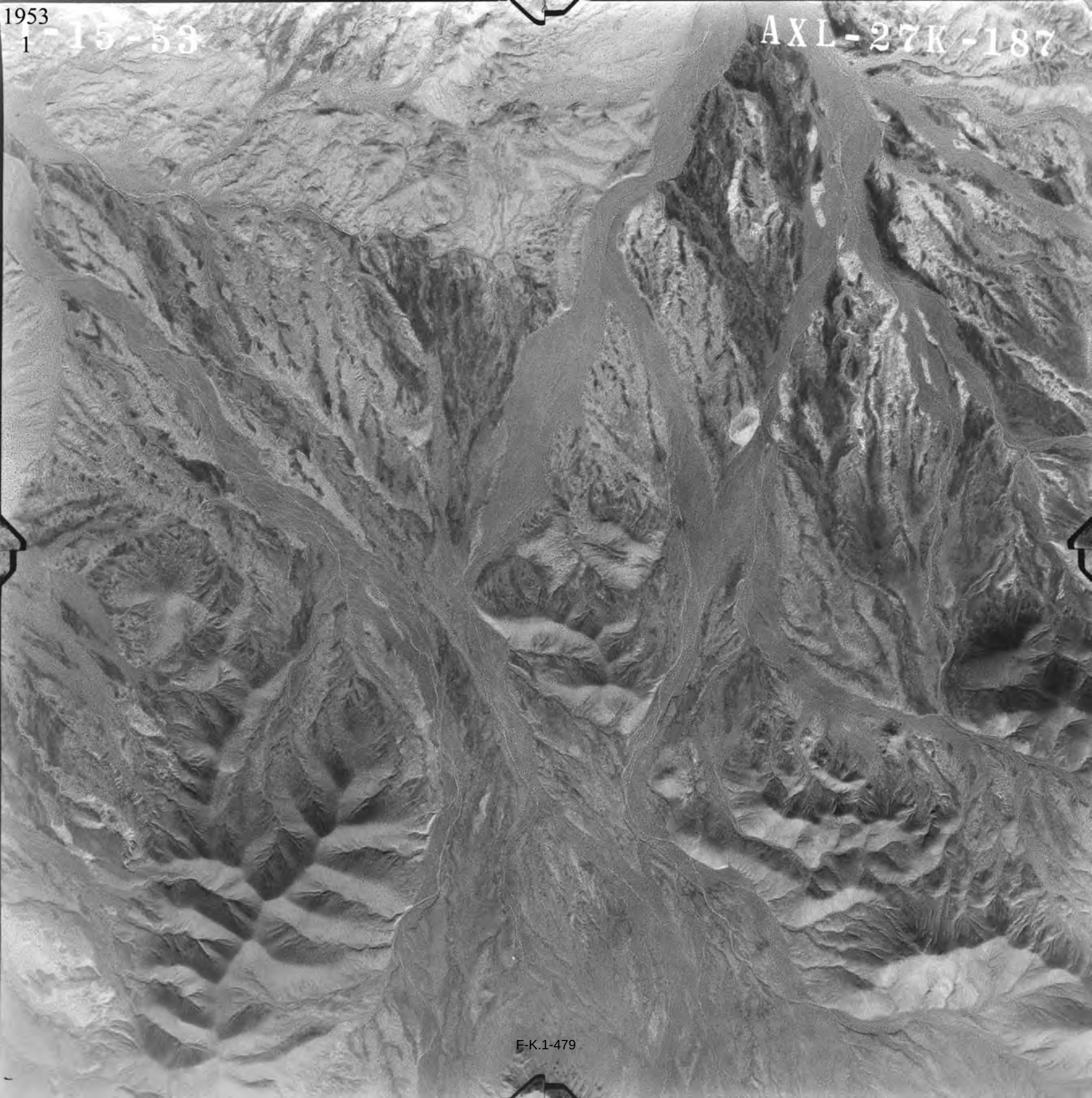
Photograph No. 5: **Looking east away from the site.**

Photograph No. 6: **Looking south away from the site.**

Photograph No. 7: **Looking southwest at area just south of the site.**

APPENDIX C

RELEVANT SITE INFORMATION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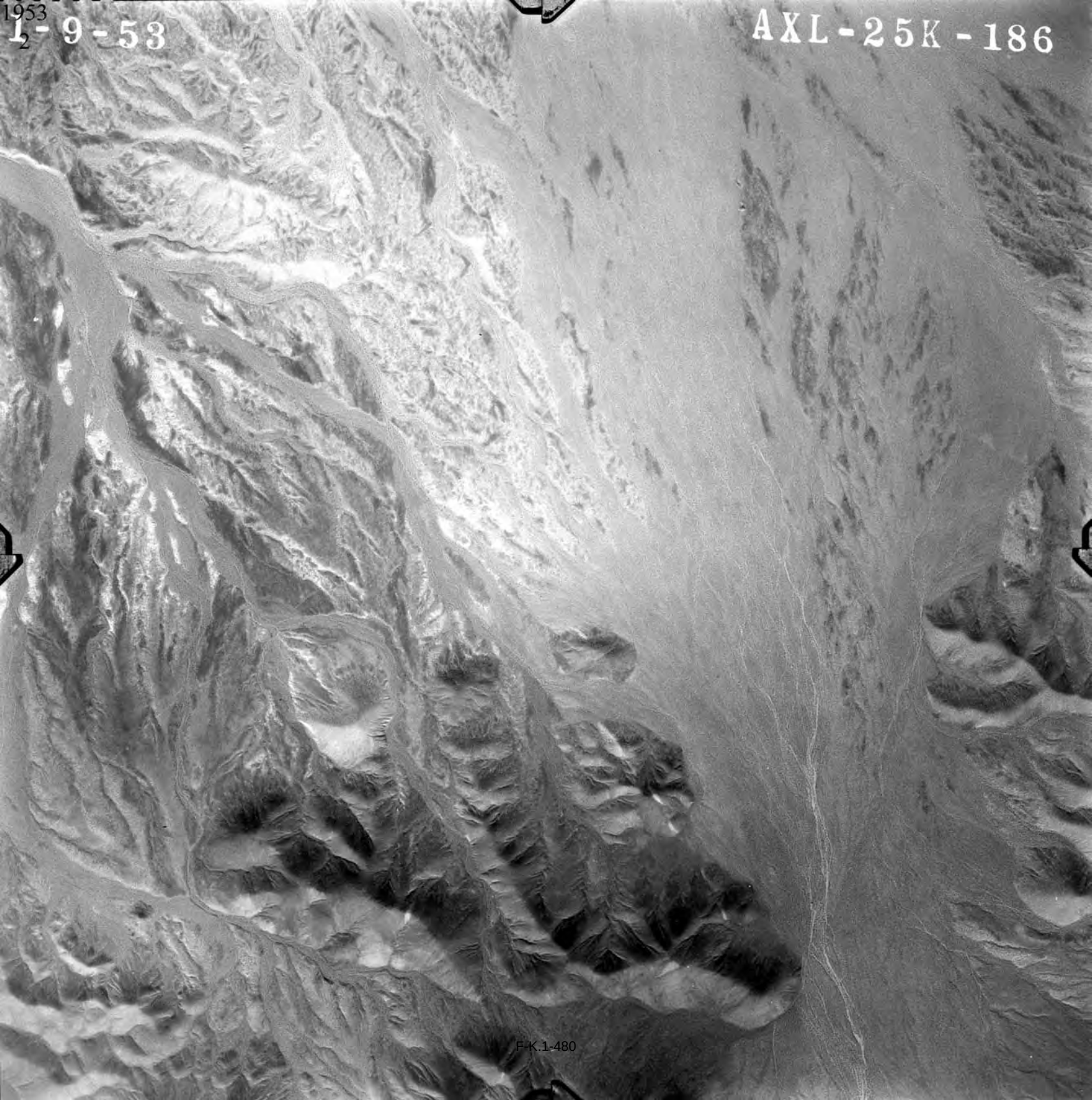
1
AXL-27K-187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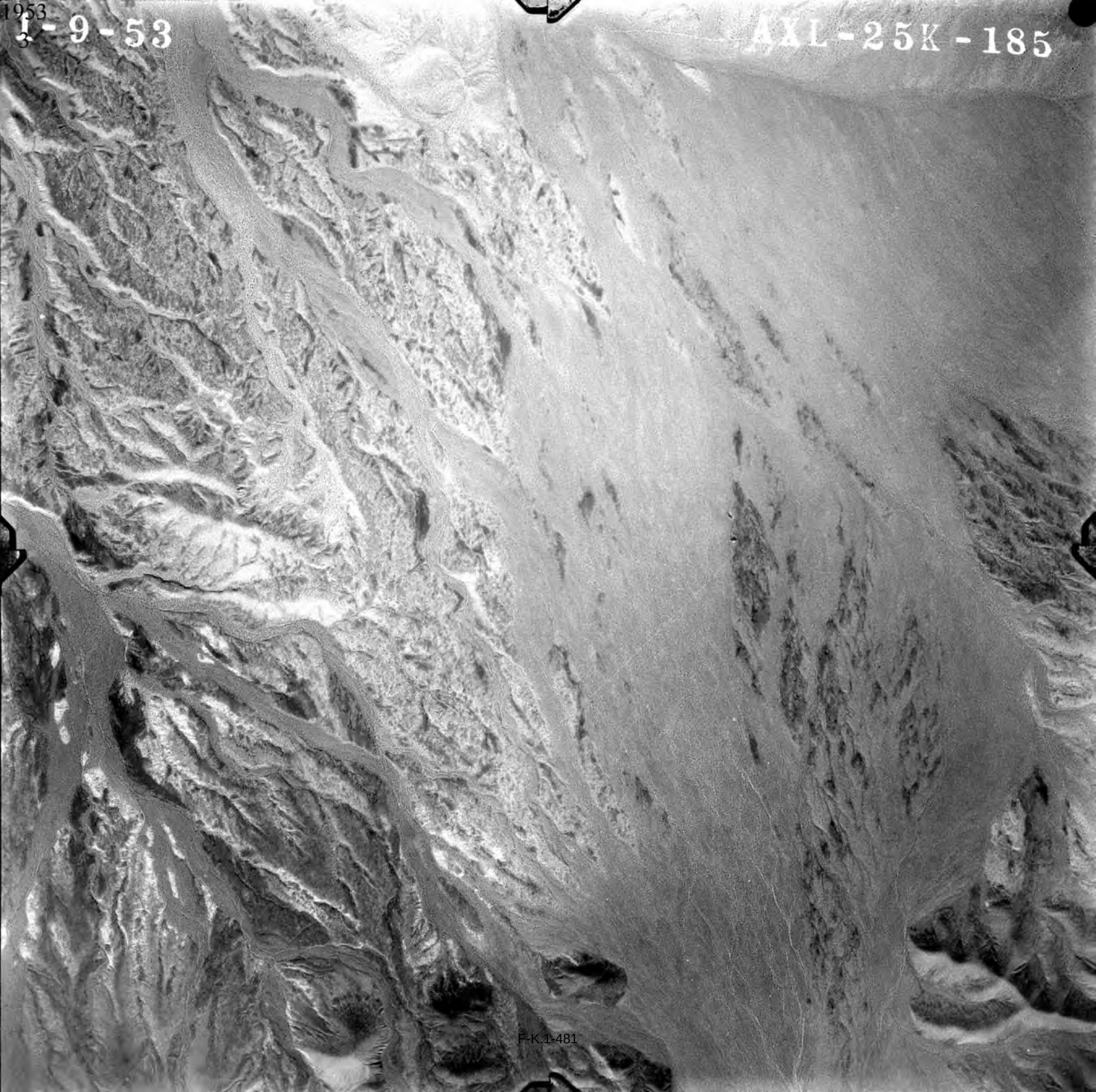
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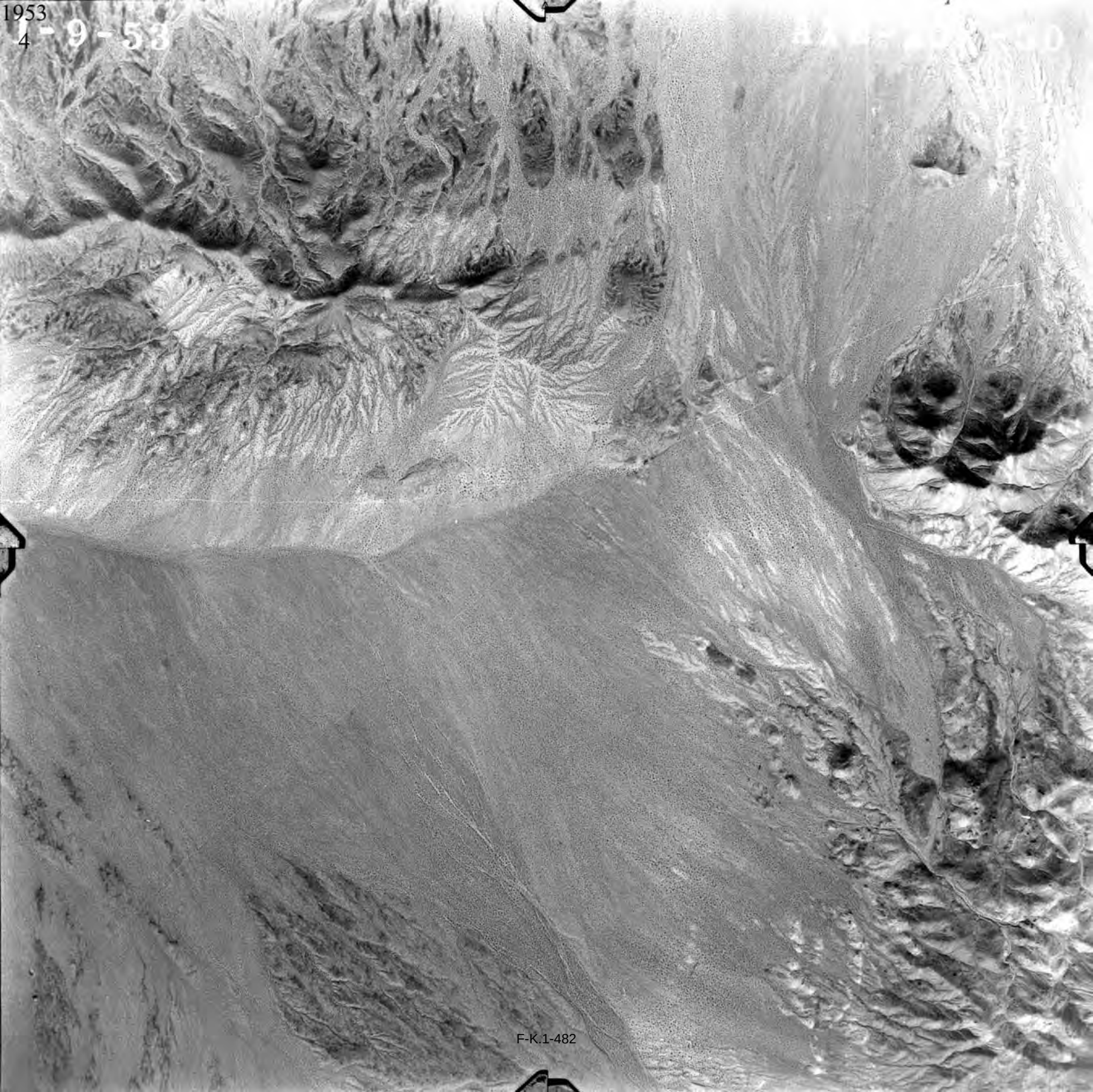
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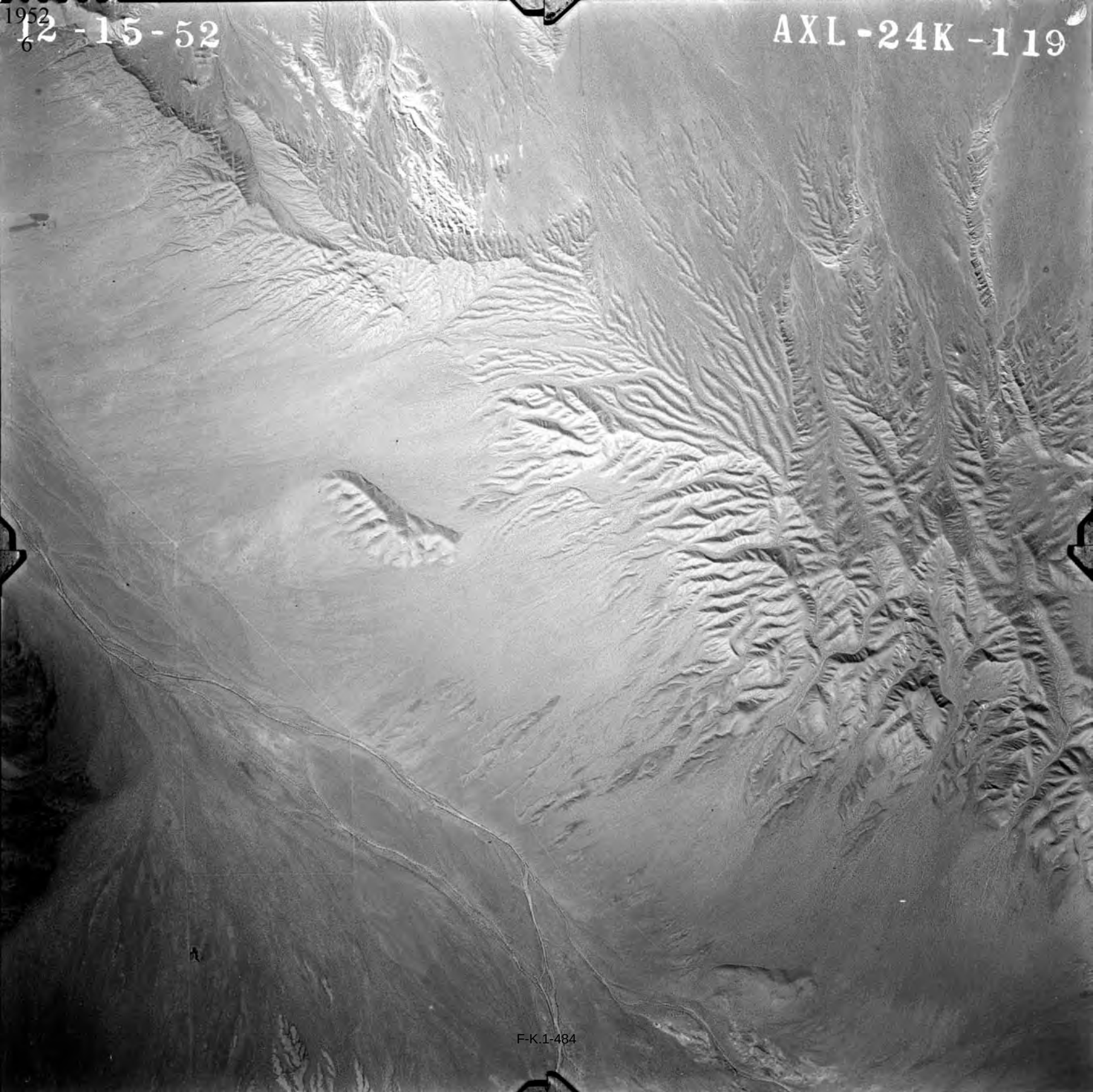
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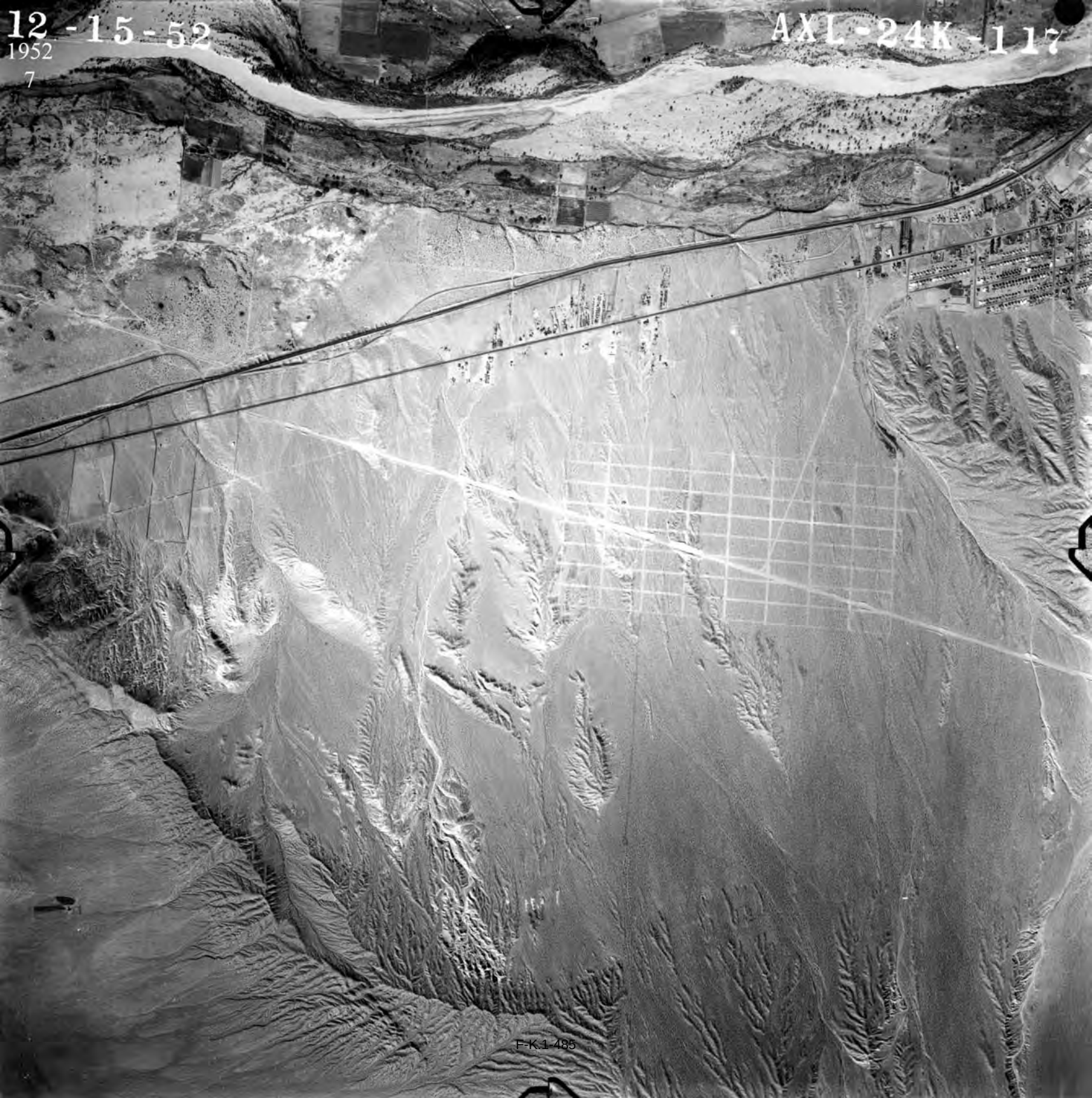
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F-K.1-487

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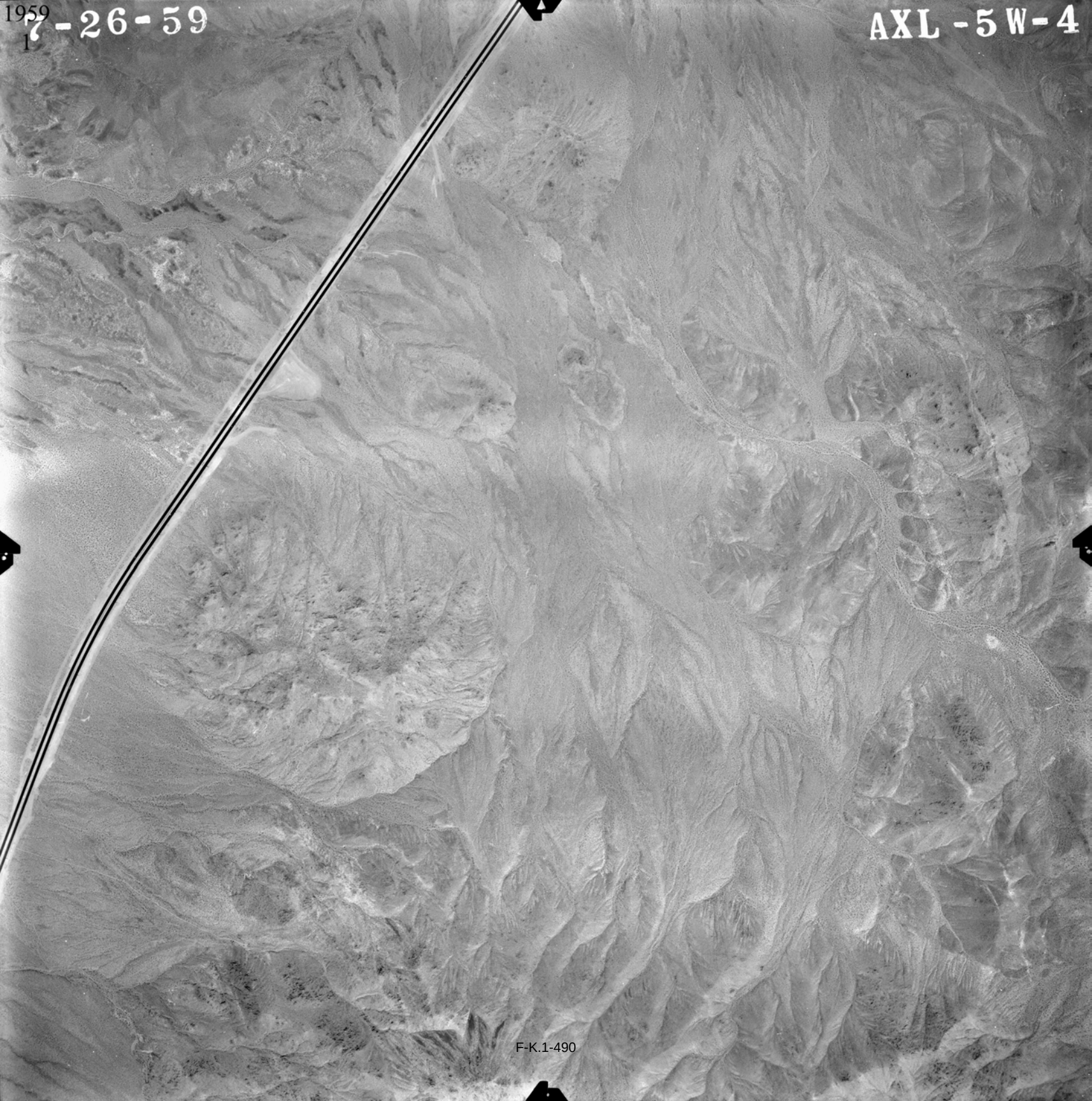
F-K 1-489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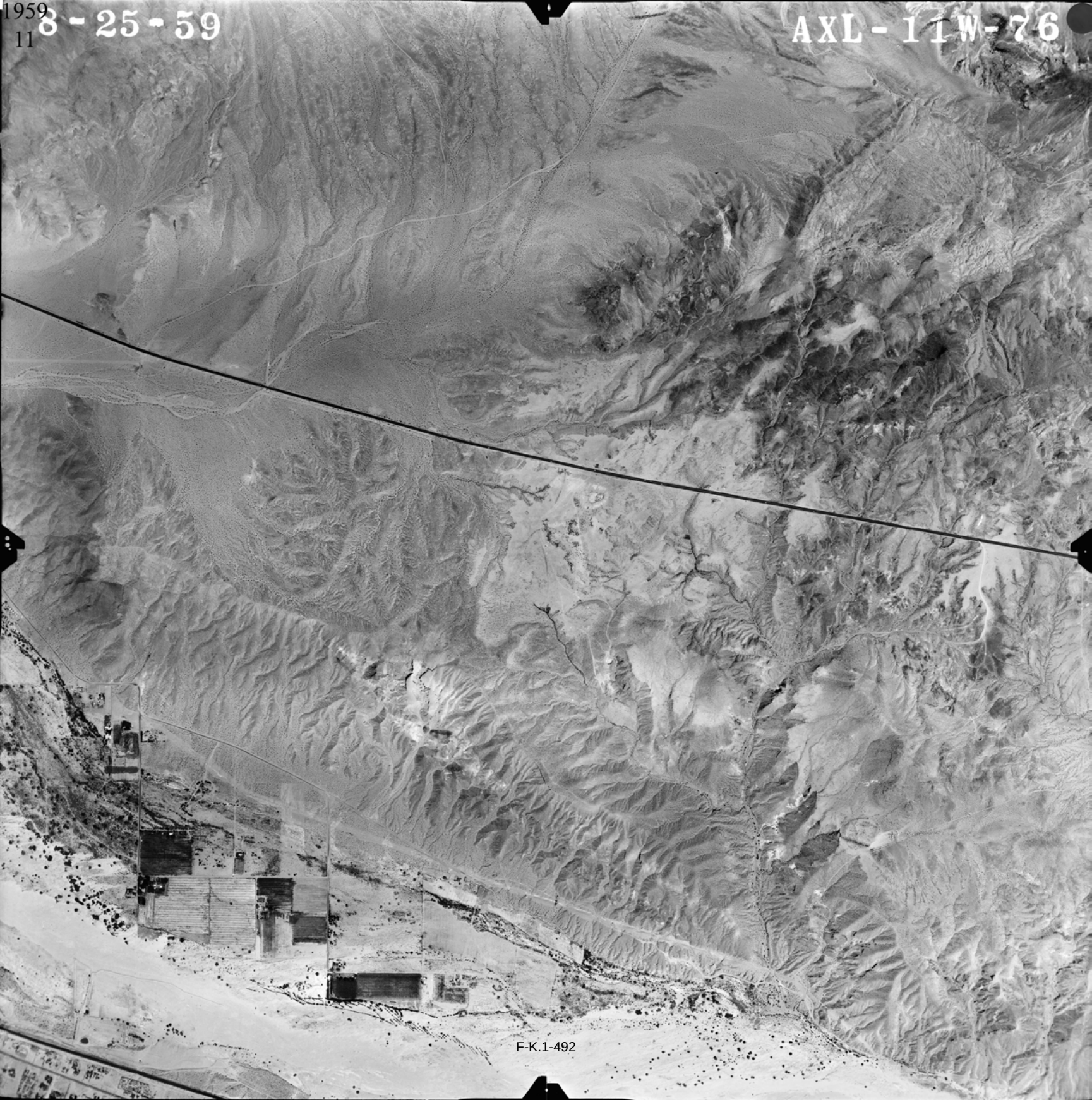
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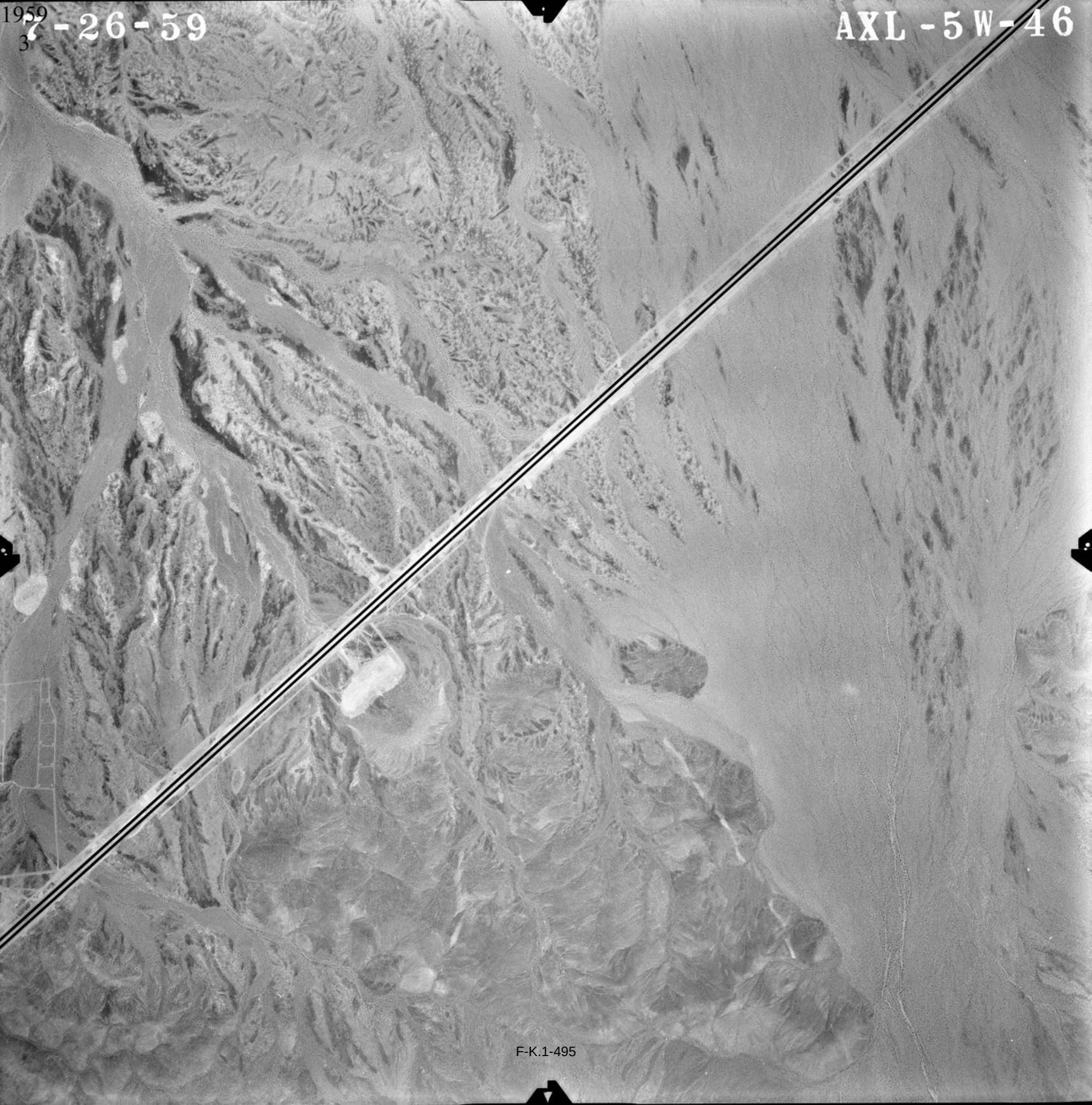
F-K.1-494



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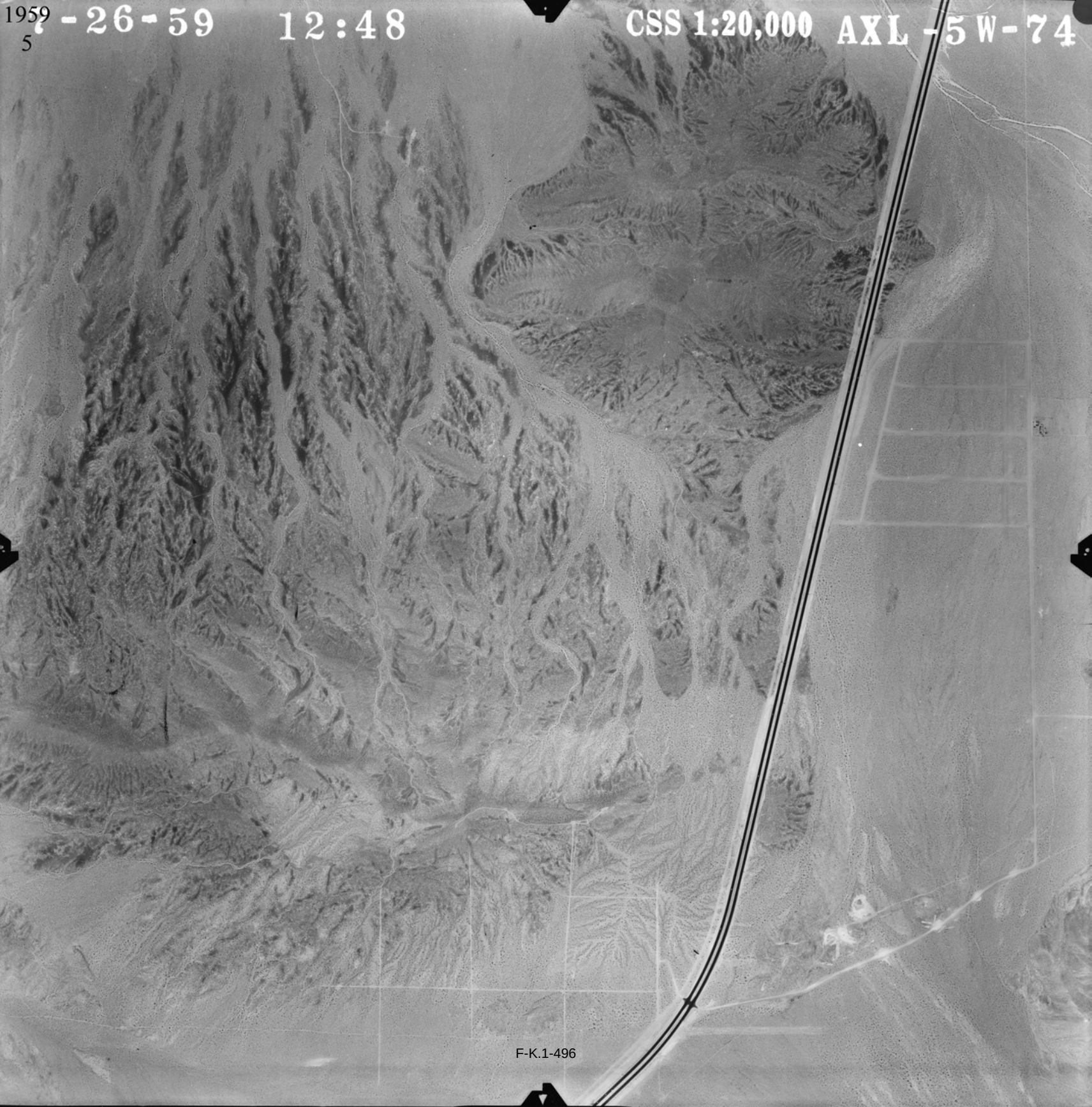

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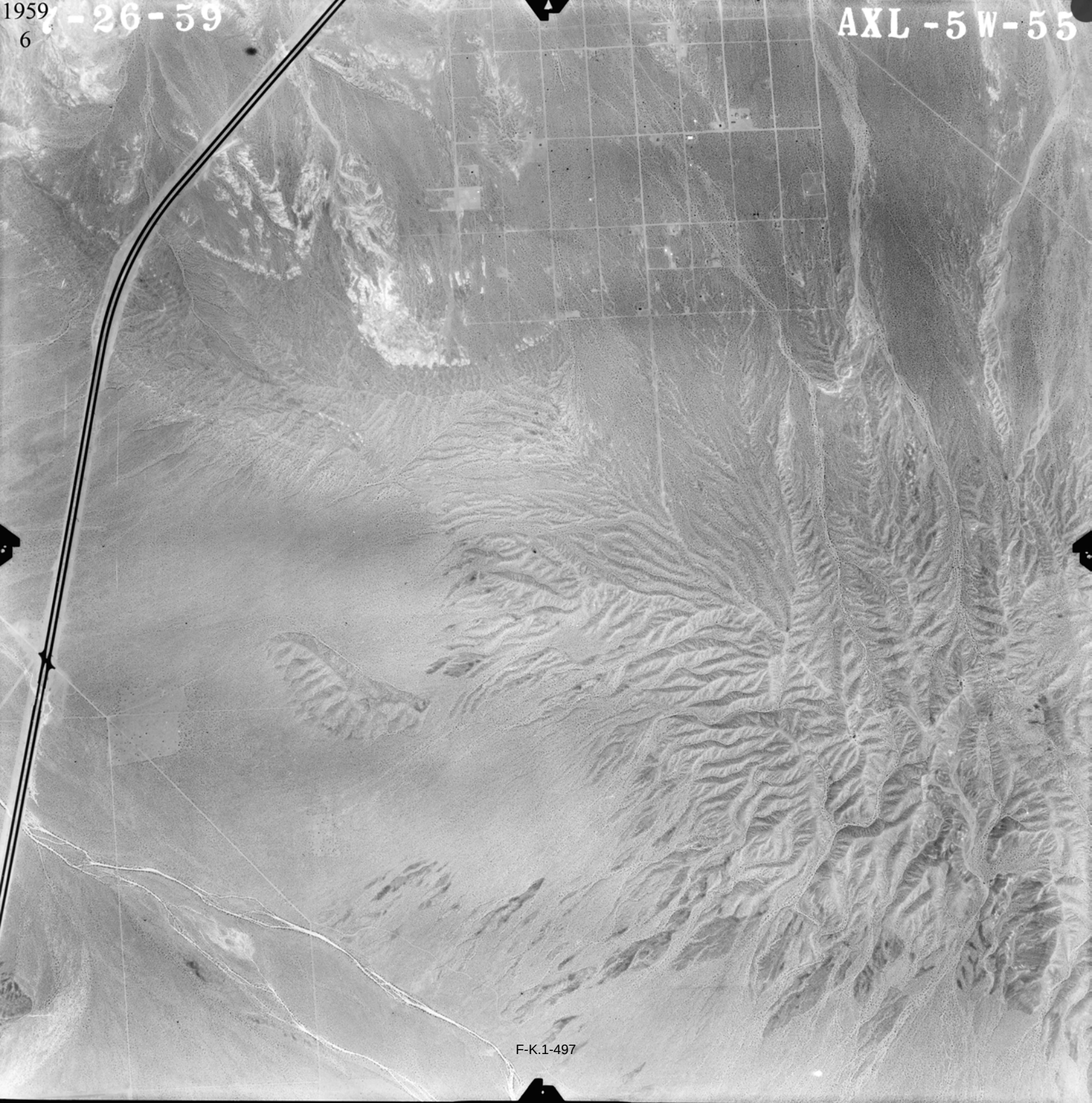
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F-K.1-497

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AXL-5W-56

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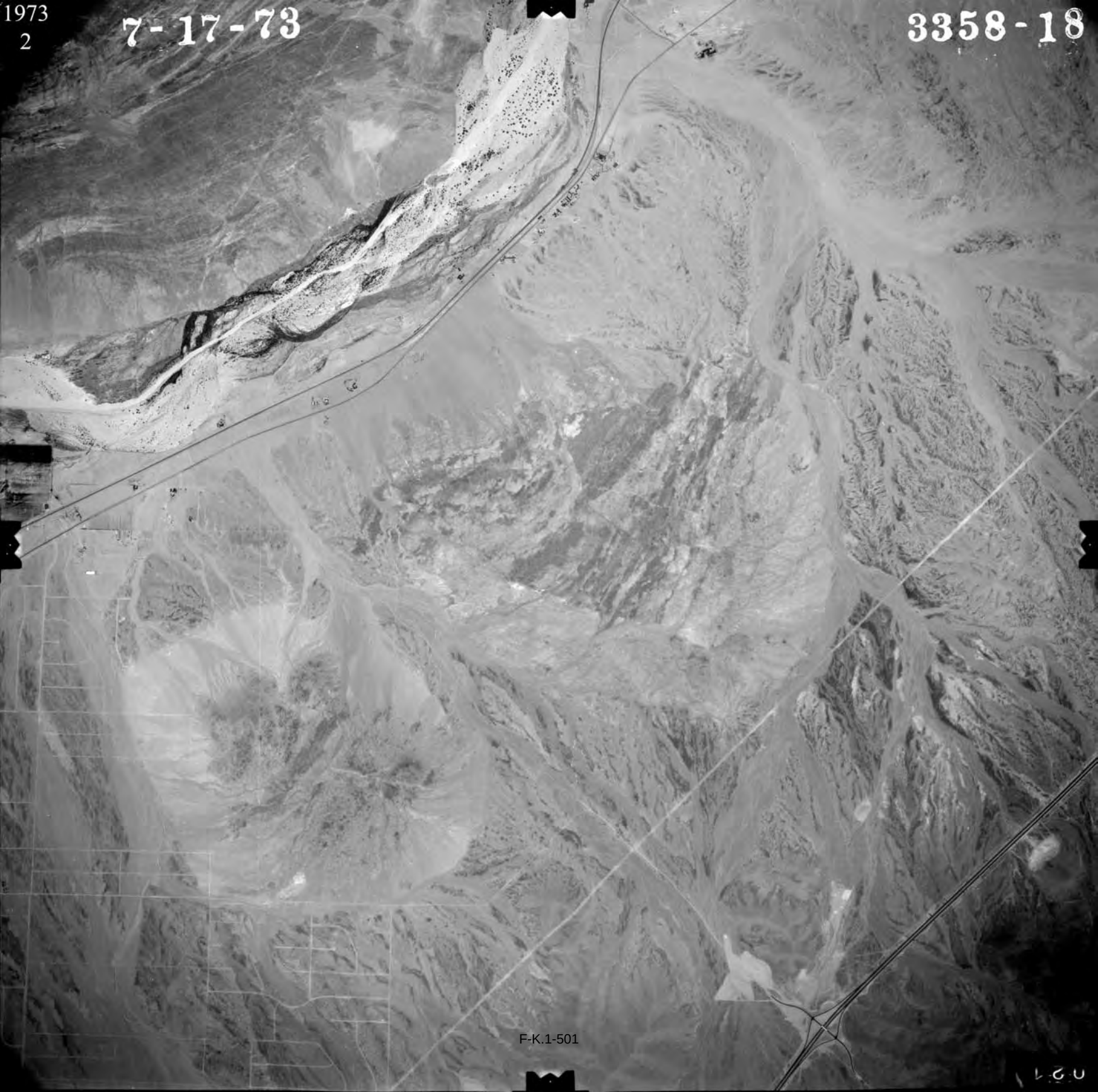
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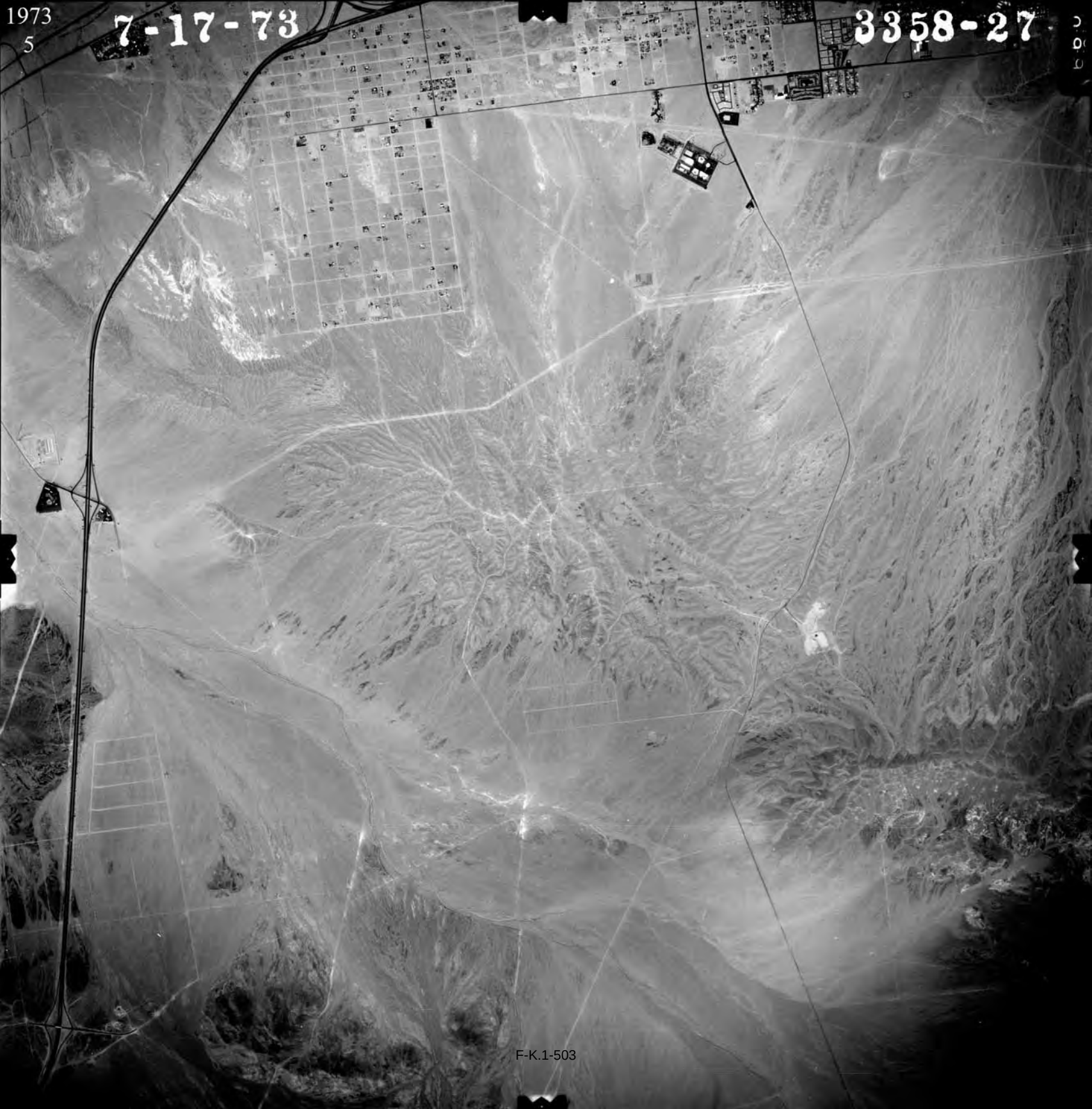
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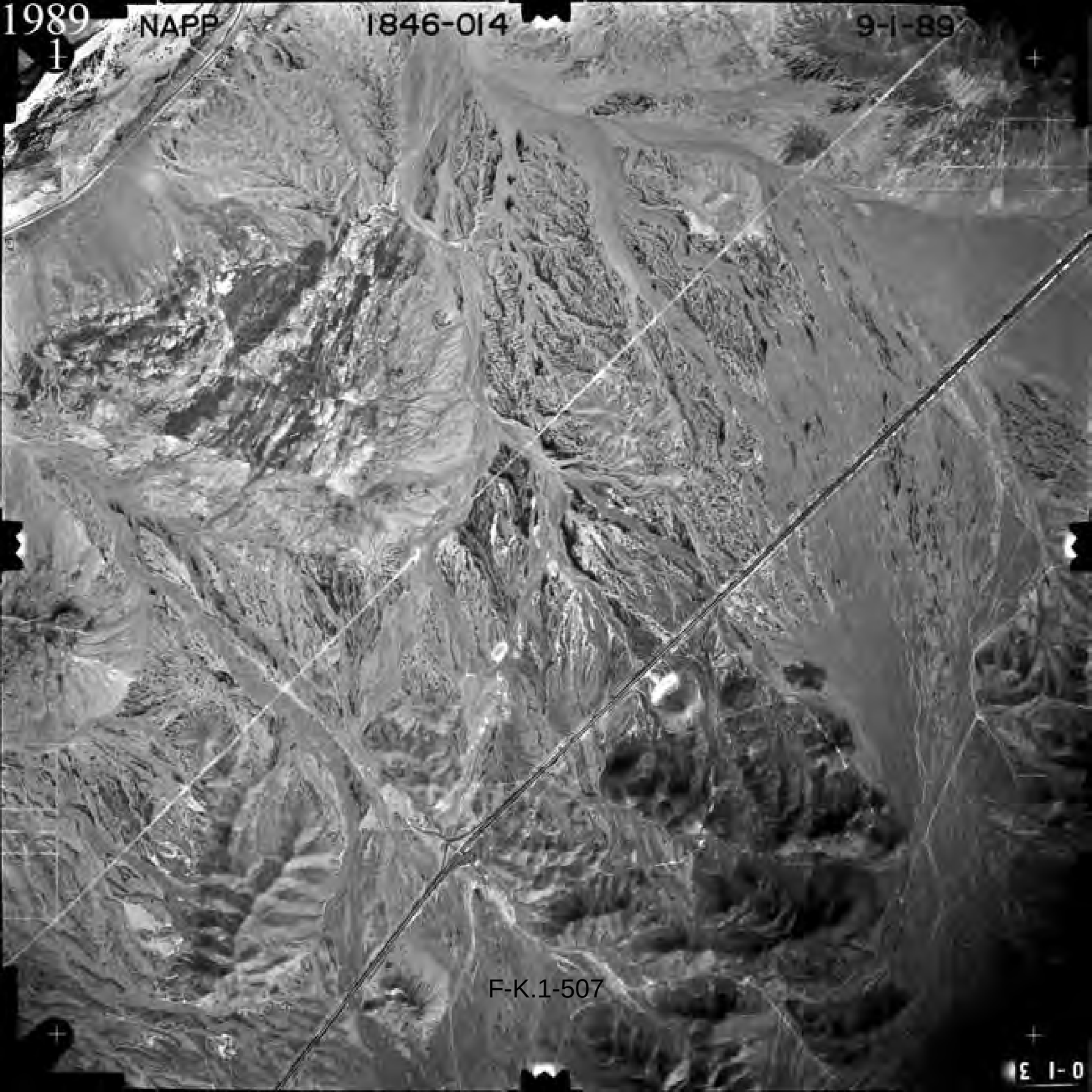
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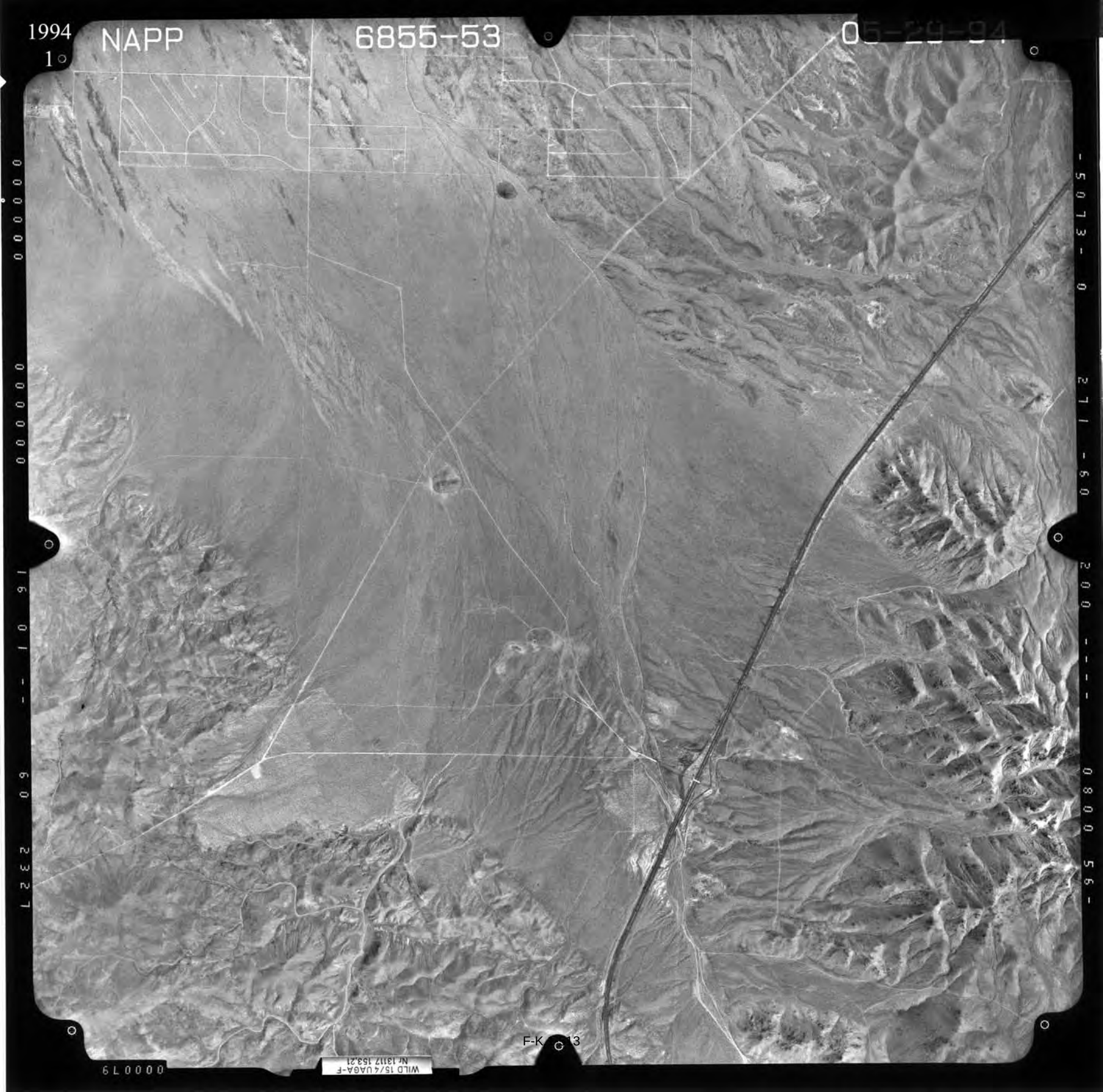
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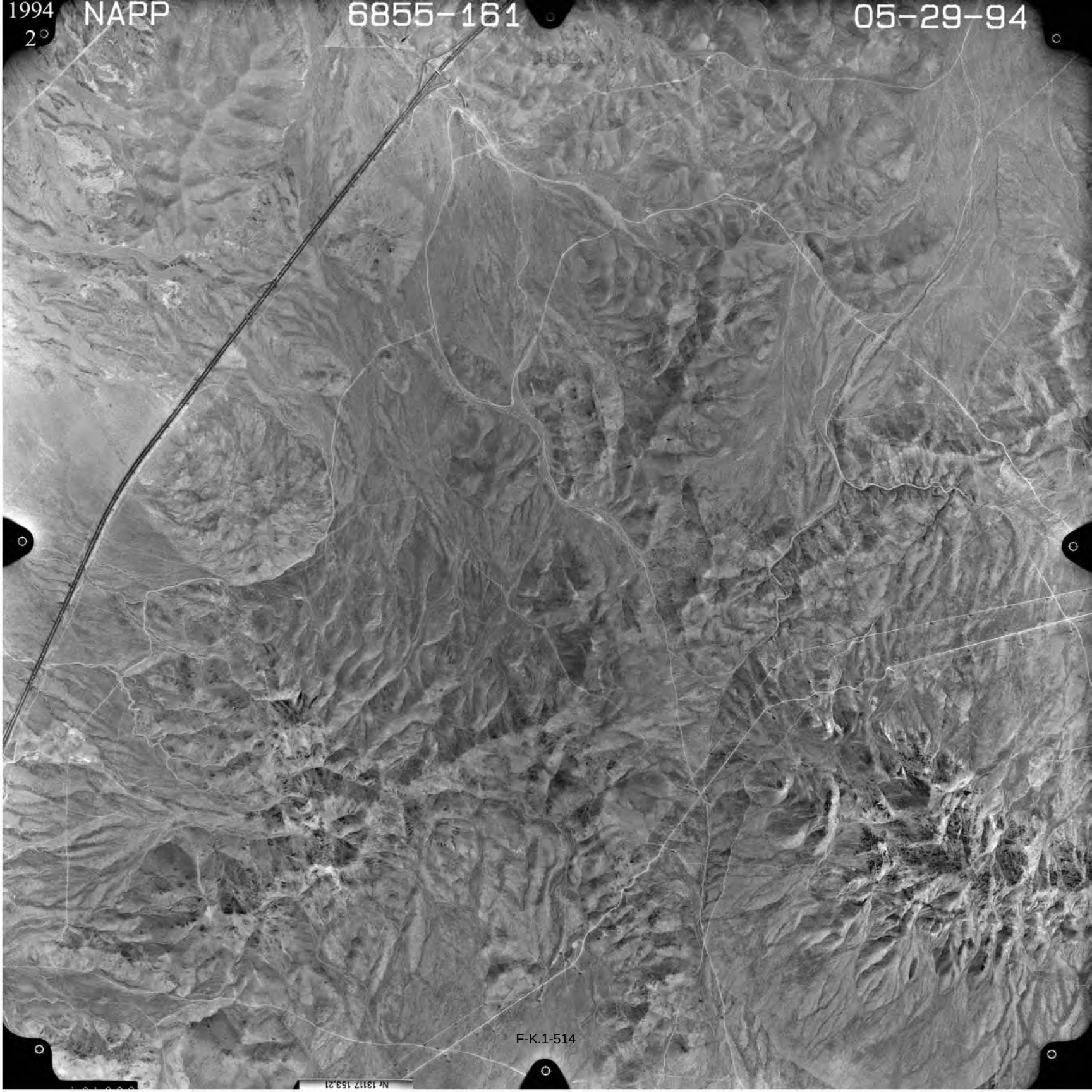
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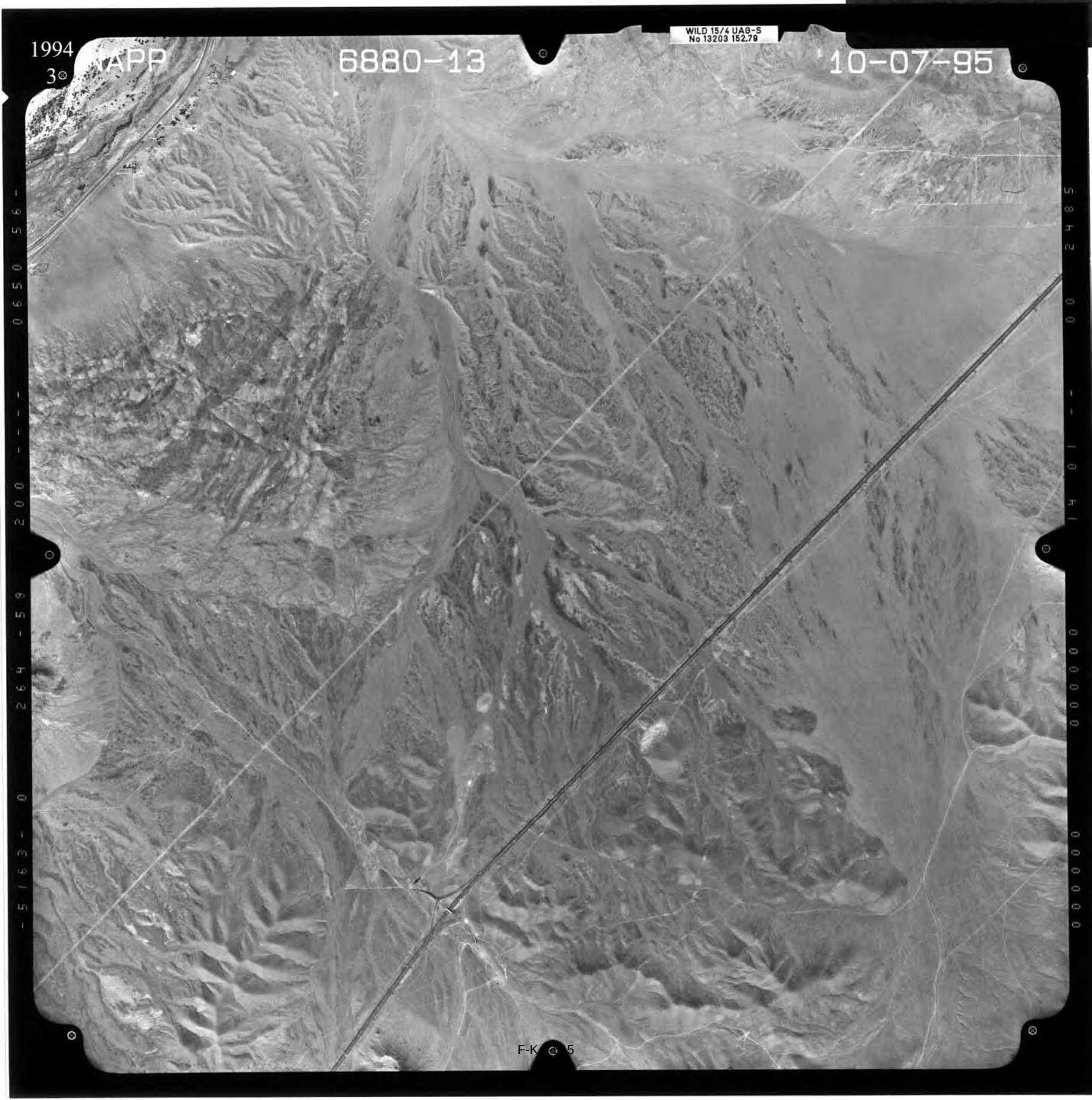
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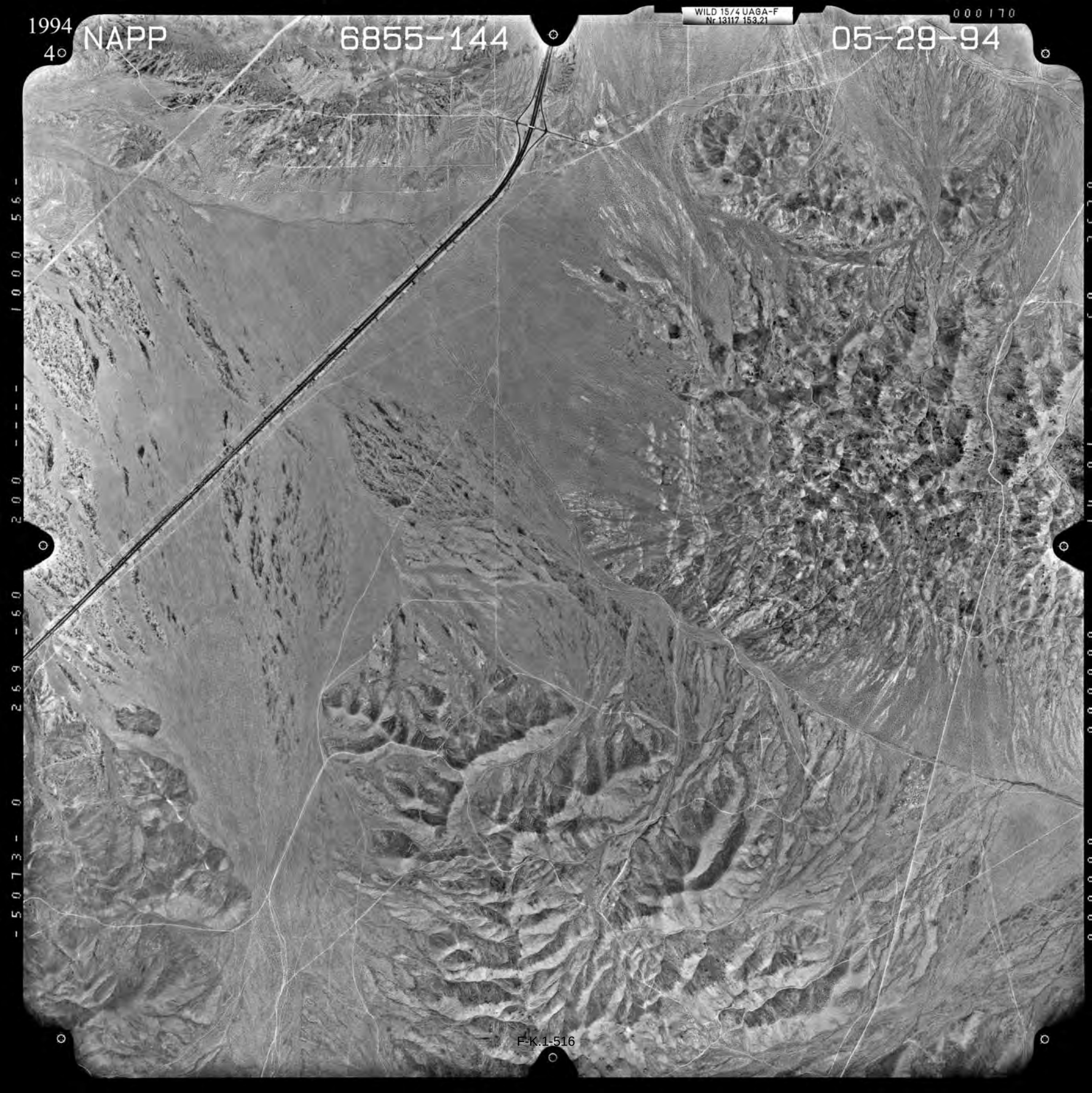
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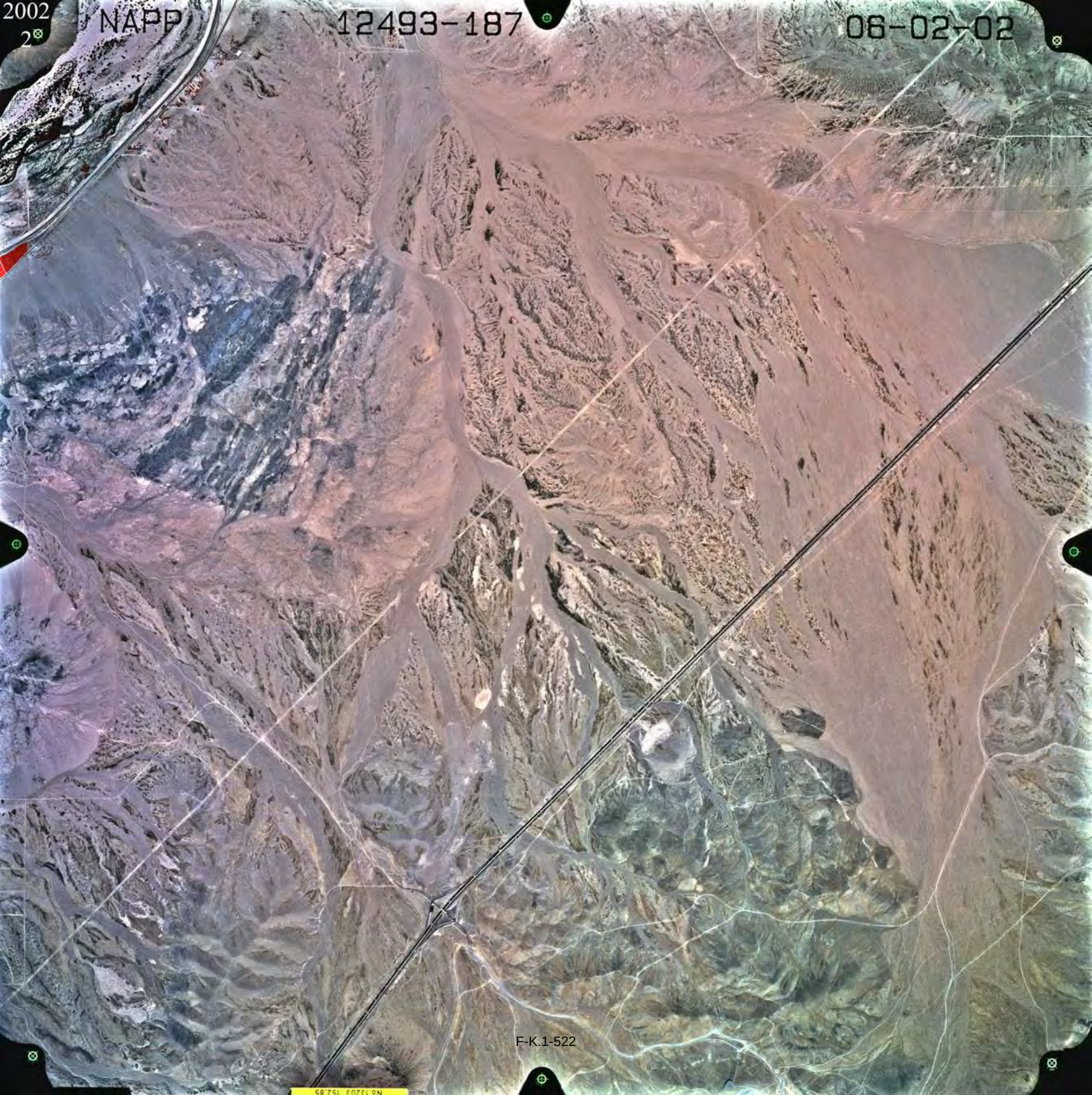

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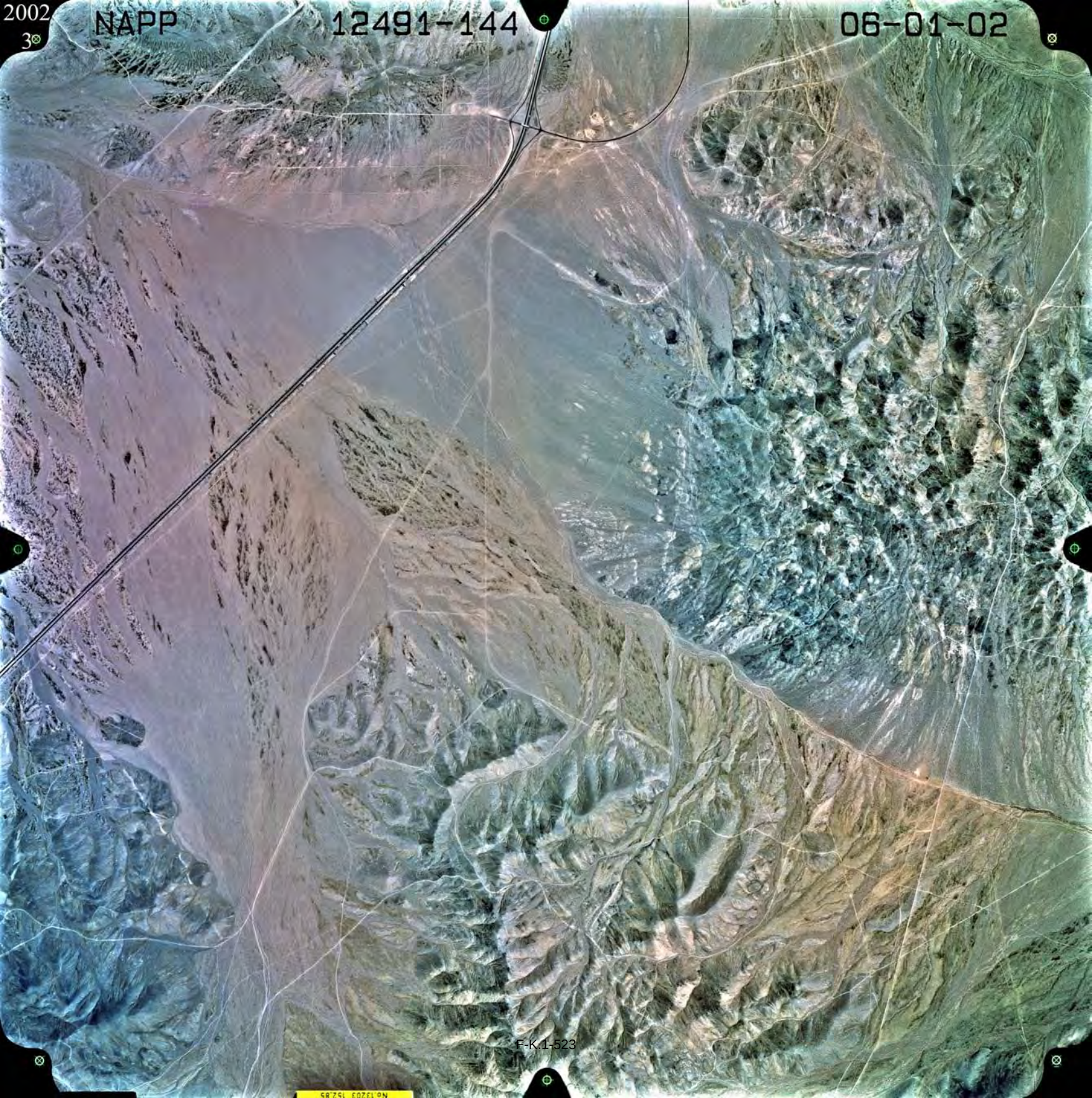
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