



4835 Longley Lane
Reno, NV
89502

p| 775.689.7800
f| 775.689.7810

kleinfelder.com

April 5, 2011
File: 117225.01

Mr. David P. Friedman
Nevada Division of Environmental Protection
Bureau of Corrective Actions
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

**Subject: Phase I Environmental Site Assessment
Moapa Paiute Farm Small Greenhouse
Moapa River Indian Reservation
A portion of APN 030-36-000-006
Clark County, Nevada**

Dear Mr. Friedman:

Enclosed are two hard copies and one electronic copy on compact disc (CD) of the Phase I Environmental Site Assessment (ESA) for the above-referenced property. The ESA was conducted under an approved Brownfield Grant. In addition to the submittals provided to NDEP, we are providing two copies to the Moapa Band of Paiutes, the applicant of this funded grant.

An executive summary is provided; however, we recommend that the report be read in its entirety for a comprehensive understanding of the items contained therein.

We appreciate the opportunity to provide these services for you. Should you require additional information, have any questions regarding this report, or wish to discuss the recommendations provided, please contact us at 775-689-7800.

Respectfully submitted,

KLEINFELDER

Joshua P. Fortmann, CEM
Science and Engineering Manager

JPF/DCB/js
Enclosures

Copies with attachments to:
Moapa Paiute Farm, Moapa River Indian Reservation, Attention Ms. Linda
Donahue, P.O. Box 340, 12 Lincoln Street, Suite A, Moapa, Nevada
89025

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
MOAPA PAIUTE FARM SMALL GREENHOUSE
MOAPA RIVER INDIAN RESERVATION
A PORTION OF APN 030-36-000-006
CLARK COUNTY, NEVADA**

PROJECT NO. 117225.01

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A report prepared for:

Nevada Division of Environmental Protection
Bureau of Corrective Actions
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

**Subject: Phase I Environmental Site Assessment
Moapa Paiute Farm Small Greenhouse
Moapa River Indian Reservation
A Portion of APN 030-36-000-006
Clark County, Nevada**

Kleinfelder Project No.: 117225.01

Prepared by:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances.



Daniel C. Burns, C.E.M.
C.E.M. #1692, exp. 10/07/2011
Senior Professional

Reviewed by:



Joshua P. Fortmann, C.E.M.
Science and Engineering Manager

KLEINFELDER
6380 South Polaris Avenue
Las Vegas, Nevada 89118
(702) 736-2936
FAX: (702) 361-9094

April 5, 2011

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1 EXECUTIVE SUMMARY

An application was submitted by the Moapa Band of Paiutes (Moapa Indian Reservation), a Federal Tribal Organization, to the Nevada Division of Environmental Protection's (NDEP) Brownfield Program for Brownfields Funding. The Funding application was submitted for conducting an assessment of their Moapa Paiute Farm's small greenhouse. NDEP approved the application and requested that a scope of services for conducting a Phase I Environmental Site Assessment (Phase I ESA) be submitted by Kleinfelder. The scope was submitted on February 3, 2011 and approved by the NDEP on February 23, 2011, under NDEP Contract 10-008.

A Phase I Environmental Site Assessment (Phase I ESA) was performed for NDEP (Client) for property located on the Moapa Indian Reservation, in Clark County, Nevada (Plate 1). This report was prepared using the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-05.

The subject property consists of approximately 2.5 acres in the approximate southeast portion of Clark County Assessor Parcel Number (APN) 030-36-000-006. The subject property is referred to as the Moapa Farm Small Greenhouse. Currently the greenhouse is not in use.

An historical profile of the subject property was developed using information obtained during our review of regulatory databases and one or more of the following historical sources: aerial photographs, topographic maps, fire insurance maps, street directories, and previous investigations.

The subject property was listed in the Tribal Lands database.

There were no *recognized environmental conditions* (REC, as defined in Section 2.1) noted for the subject site during the preparation of this Phase I ESA. However, the following conditions of potential environmental concern were noted:

- 5-gallon size containers, labeled as hydraulic oil, engine oil, and paint, were observed located in the equipment shed on the northwest corner of the subject property.
- Based on the site use as a greenhouse; herbicides and pesticides may have been used at the subject property. However, no records of pesticide or herbicide use were revealed during the preparation of the Phase I ESA.
- An oil-fueled boiler assembly (generator and boiler) indicates oil was used at the site and may have been released to the ground. There was no surface staining visible where the ground was visible around the boiler assembly.
- The presence of potential asbestos containing building materials (ACBM), consisting of 3-feet high cementitious asbestos board (CAB) skirting installed around the exterior (ground level) of the greenhouse was observed. Prior to renovation and/or demolition of the greenhouse, or the other structures on the subject property, an asbestos survey should be conducted.

There were no *historic recognized environmental conditions* noted for the subject site during the preparation of this Phase I ESA.

A full evaluation of this site including any deviations, historical environmental conditions, and *de minimis* findings are discussed in Chapter 8 of this report. This report is subject to the limitations in Section 2.5.

2 INTRODUCTION

The following report is a summary of work performed using the guidelines set forth in the ASTM Standard E-1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard). This report generally conforms to the ASTM Standard's suggested table of contents. To assist in better reading and understanding of the report, Kleinfelder made minor format modifications to the ASTM Standard's suggested table of contents.

2.1. PURPOSE

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the terms of our NDEP Contract 10-008, and limitations discussed in this report, RECs and other environmental issues related to the subject site. As defined in the ASTM Standard, a REC is:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

This report describes Kleinfelder's assessment methodology and documents our assessment findings, subject to the limitations presented in Section 2.5 of this report.

2.2. DETAILED SCOPE-OF-SERVICES

The following sections describe Kleinfelder's work scope:

- Section 2, **Introduction**, includes a discussion of the purpose/reason for performing the Phase I ESA, additional services requested by the Client (i.e., an evaluation of business environmental risk factors associated with the subject site), significant assumptions (i.e., property boundaries if not marked in the field), limitations, exceptions, and special terms and conditions (i.e., contractual), and user reliance parameters.
- Section 3, **Site Description**, is a compilation of information concerning the site location, legal description (if provided), current and proposed use of the subject site, a description of structures and improvements on site at the time of Kleinfelder's assessment, and adjoining property use.
- Section 4, **Records Review**, is a compilation of Kleinfelder's review of several databases available from Federal, State, and local regulatory agencies regarding hazardous substance use, storage, or disposal at the subject site; and for off-site facilities within the search distance specified in the ASTM Standard. Records provided by the Client are summarized and copies of relevant documents are included in the appendices of this report. Physical setting sources (including topography, soil and groundwater conditions) and typical Client-provided information (i.e., title records, environmental liens, specialized knowledge, valuation reduction for environmental issues, and owner, property manager, and occupant information) are also summarized in this section. Other interviews with people knowledgeable about the subject site (including the client) are included in Section 7.
- Section 5, **History of the Site**, summarizes the history of the subject site and adjoining properties. This site history is based on various sources which may include: a review of historical aerial photographs, Sanborn Fire Insurance Maps, city or suburban directories, historical topographic maps, building department records, and results of previous site assessments.

- Section 6, **Site Reconnaissance**, describes Kleinfelder's observations during the site reconnaissance. The methodology used and limiting conditions are described.
- Section 7, **Interviews**, is a summary of telephone and personal interviews conducted with "Key Site Managers" that may include the owner/manager of the facility, occupants/tenants, local government officials, and the Client. Additional interview sources may be contacted if "Key Site Managers" are not available prior to production of this report, and may include adjoining landowners and people with historical knowledge of the area.
- Section 8, **Evaluation**, is a presentation of our findings and opinions regarding the information in Sections 3 through 7, and presents our conclusions regarding the presence of RECs connected with the site, and recommendations if required by the Client.
- Section 9, **References**, is a summary of some of the resources used to compile this report.

Pertinent documentation regarding the subject site is included in appendices of this report.

2.3. ADDITIONAL SERVICES

An evaluation of business environmental risk associated with the subject site was not included in Kleinfelder's scope of work. The scope of this ESA does not incorporate ASTM Standard non-scope considerations, such as asbestos-containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines.

2.4. SIGNIFICANT ASSUMPTIONS

No significant assumptions were made regarding the subject site.

2.5. LIMITATIONS AND EXCEPTIONS

Phase I ESAs are non-comprehensive by nature and may not identify all environmental problems, and will not eliminate all risk. This report is a qualitative assessment. Kleinfelder offers a range of investigative and engineering services to suit the needs of our clients, including more quantitative investigations. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help the Client understand and better manage risks. Since such detailed services involve greater expense, we ask our clients to participate in identifying the level of service, which will provide them with an acceptable level of risk. Please contact the signatories of this report if you would like to discuss this issue of risk further.

Kleinfelder performed this Phase I ESA in general accordance with the guidelines set forth in the ASTM Standard, and the proposed scope subsequently approved by our Client. No warranty, either express or implied, is made. Environmental issues not specifically addressed in this report were beyond the scope of our services and not included in our evaluation.

2.6. SPECIAL TERMS AND CONDITIONS

No special terms and conditions in addition to those discussed previously were agreed to either by the Client and Kleinfelder.

2.7. USER RELIANCE

This report may be used only by the NDEP, and the Moapa Band of Paiutes and only for the purposes stated within a reasonable time from its issuance, *but in no event later than 1 year from the date of the report*. Land or facility use, on- and off-site conditions, regulations, or other factors may change over time, and additional work may be required with the passage of time. Since site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered valid only as of the date of the site visit. This report should not be relied upon after 180 days from the date of its issuance (ASTM Standard, Section 4.6). Any party other than the Client who wishes to use this report shall notify Kleinfelder of such intended use.

3 SITE DESCRIPTION

The site description is presented in this section and describes the condition of the site at the time of the Phase I ESA. The site location is shown on Plate 1. Tables 3-1 through 3-5 summarize the physical characteristics of the site and adjoining properties.

3.1. LOCATION AND LEGAL DESCRIPTION

The information presented in Table 3-1 describes the physical location and legal description of the site. This information was obtained from review of various maps (such as topographic maps and tax assessor maps), aerial photographs, public records at city and/or county offices, interviews, and/or information provided by the Client.

**TABLE 3-1
LOCATION AND LEGAL DESCRIPTION**

Parameter	Information/Comments
ADDRESS	There is no physical address for the Subject Site.
LOCATION	USA Moapa Indian Reservation, Clark County Unincorporated 89025
SECTION, TOWNSHIP & RANGE	Section 36, Township 14 South, Range 65 East
ASSESSOR'S PARCEL NO.	A portion of 030-36-000-006
LEGAL DESCRIPTION	The site is a portion of SEC 36 TWP 14 RNG 65, of the Clark County Assessors Legal description for the Reservation, recorded as PT SECS 25,26,35,36 14 65 & SEC 31 14 66 & SEC 01 15 65 & SEC 06 15 66
ACREAGE	Approximately 2.5 acres
ZONING	Rural Open Land [.5 Units per Acre] (R-U)

3.2. CURRENT/PROPOSED USE OF THE PROPERTY

At the time of Kleinfelder's assessment the land use for the subject property was an out of use greenhouse. Current and proposed uses are described in Table 3-2.

**TABLE 3-2
CURRENT/PROPOSED USES**

Parameter	General Observations
CURRENT USE	Out of use greenhouse
PROPOSED USE	Greenhouse

3.3. DESCRIPTION OF STRUCTURES/IMPROVEMENTS

Structures and/or improvements observed on site at the time of Kleinfelder's site reconnaissance are described in Table 3-3.

**TABLE 3-3
STRUCTURES/IMPROVEMENTS**

Parameter	General Observations
STRUCTURES	Damaged greenhouse and support elements (water tank, oil fueled boiler and boiler generator).
IMPROVEMENTS	Road

3.4. CURRENT USES OF ADJOINING PROPERTIES

Kleinfelder performed a brief drive-by survey of the properties immediately adjoining to the subject site on March 4, 2011. A summary of the surrounding properties is presented in Table 3-4.

**TABLE 3-4
ADJOINING PROPERTIES**

Direction	Land Use Description
NORTH	Wood chips and compost stockpiles.
EAST	Planted trees, with former produce packaging plant/warehouse with greenhouses beyond.
SOUTH	Vacant, disturbed land.
WEST	Farmed land, separated by a road

There was a single aboveground storage tank (AST) observed on the east adjacent property (near the former produce packaging plant and warehouse). The end of the AST facing the Subject Property was observed to have been penetrated, rendering the AST useless as a containing vessel in its observed condition.

There were no underground storage tanks (USTs) or other environmental conditions visible, from either the subject property boundary or public right-of-way view, on the adjoining properties at the time of Kleinfelder's site reconnaissance. Based on our observations, the adjoining properties do not appear likely to adversely affect the subject site.

4 RECORDS REVIEW

4.1. STANDARD ENVIRONMENTAL RECORD SOURCES

The purpose of the records review is to obtain and review records that would help to evaluate RECs of potential concern in connection with the subject site and bordering properties.

Federal, state and local regulatory agencies publish databases or "lists" of businesses and properties that handle hazardous materials or hazardous waste, or are the known location of a release of hazardous substances to soil and/or groundwater. These databases are available for review and/or purchase at the regulatory agencies, or the information may be obtained through a commercial database service. Kleinfelder contracted a commercial database service, TrackInfo Services of Montrose, California to perform the government database search for listings within the appropriate US EPA All Appropriate Inquiry (AAI) minimum search distance of the subject property. TrackInfo Services refer to their reports as the FirstSearch Environmental Report (FirstSearch). A description of the types of information contained in each of the databases reviewed and the agency responsible for compiling the data is also included in the FirstSearch Report. The FirstSearch database search results are presented in Appendix B, including the databases summarized in Table 4-1.

**TABLE 4-1
RECORDS REVIEW & SEARCH DISTANCE**

FEDERAL LIST	DISTANCE
National Priority List (NPL)	1 mile
Delisted NPL	½ mile
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	½ mile
CERCLIS-No Further Remedial Action Planned (NFRAP)	½ mile
Resource Conservation Recovery Act (RCRA)-CORRACTS facilities	1 mile
RCRA-non CORRACTS TSD facilities	½ mile
RCRA generators	¼ mile
Institutional Control/Engineering Control registries	¼ mile
Emergency Response Notification System (ERNS)	Site
NPL-equivalent lists of hazardous waste sites (SHWS)	1 mile
CERCLIS-equivalent lists of hazardous waste sites	½ mile
Landfills or Solid Waste Listing	½ mile
Leaking Underground Storage Tank (LUST)	½ mile
Registered Underground Storage Tanks (UST)	¼ mile
Institutional Control/Engineering Control-equivalent registries	¼ mile
Voluntary Cleanup Sites (VCP)	½ mile
Brownfields	½ mile

FirstSearch utilizes a geographical information system to plot the locations of business and properties listed in the regulatory databases listed in Table 4-1. Kleinfelder reviews this information to help establish if the site, or nearby properties, have been included in the noted databases and lists. The FirstSearch report includes radius maps that show the locations of the listed properties with respect to the site, and a summary of pertinent information for these properties. For each listed site, the summaries include the name of the responsible party, the property address, the distance and direction from the subject site, as well as the databases and lists on which the listed property appears. The dates that the databases were updated are also included in the FirstSearch report.

4.2. RESULTS OF DATABASE SEARCH

The following sections contain information on the results of FirstSearch's record search. Listed search distances are those specified in the ASTM Standard. The subject property was listed in the Tribal Lands database.

4.2.1. Federal Lists

Within their respective ASTM recommended minimum search distances, there were no geocoded sites found except for the Tribal Lands listing.

There were two nongeocoded sites (refer to Section 4.2.4) listed in the FirstSearch Report that are described as being within the Reservation. One is a RCRANLR listing and the second is a CERCLIS listing. Request for files from the NDEP and the Southern Nevada Health District (SNHD) did not produce files for either of these listings. According to the current Moapa Band of Paiutes, Environmental Coordinator for their Department of Environmental Protection (refer to Section 7), the CERCLIS site is not located on the Subject Property. According to the location description provided, Kleinfelder estimates this listing to be approximately 0.70 miles north of the Subject Property. This listing is outside the minimum recommended database search distance of 0.5 mile.

Other than an address of 1 Lincoln Street, Moapa, Nevada, there was no information for the RCRANLR listing. This address is approximately 0.75 miles north of the subject property. If the address for the listing is correct, it is outside the minimum recommended database search distance of 0.25 mile.

4.2.2. State Lists

Within their respective ASTM recommended minimum search distances, there were no geocoded sites found.

4.2.3. Supplemental Federal, State, and Local Lists

In addition to the ASTM Standard database search, Kleinfelder requested that FirstSearch provide information for the following supplemental databases: State Wells, Releases, Federal Wells, Coal Gasification, Oil & Gas Wells, Fire Insurance Map Coverage, Dry Cleaners, Meth Labs and Mines.

None of these supplemental databases had listings.

4.2.4. Orphan (nongeocoded) List

Sites not plotted by FirstSearch due to poor or inadequate address information are nongeocoded and are referred to as orphan sites. There were a total of 32 orphan sites. The summary report was reviewed to evaluate if Kleinfelder could ascertain their location (based upon local and general knowledge, and selected file review requests) and if so, whether these sites are a REC to the subject property. Based on our review, two of these listings are described as being within the Reservation. One is a RCRANLR listing and the second is a CERCLIS listing. These are discussed in Section 4.2.1.

The remaining orphan sites were not located within the ASTM specified search distances. This includes the Reid-Gardner Power Plant at which groundwater monitoring is currently performed under oversight by NDEP.

4.3. OTHER RECORDS REVIEWED/AGENCIES CONTACTED

Kleinfelder contacted Mr. Charles Moses, Environmental Scientist with the Nevada Department of Agriculture, to inquire about pesticide and/or herbicide use at the subject property. Mr. Moses indicated that the state does not maintain records or application on tribal land unless it is performed by a licensed applicator. No records are available at the tribal offices so it is not possible to determine whether a commercial applicator performed work at the subject property.

4.4. PHYSICAL SETTING SOURCE(S)

Table 4-2 presents information about the physical setting of the site. This information was obtained from published maps.

**TABLE 4-2
PHYSICAL SETTING**

Data	Source	General Information
USGS TOPOGRAPHIC QUADRANGLE	Moapa West Quadrangle, 7.5 Minute Series (Topographic), 1967, (photo-revised 1983).	The subject site is located at an approximate elevation of 1600 feet above mean sea level (msl) and the topographic relief slopes to the east. Land use in the vicinity of the site was depicted as a vacant, with a cemetery to the west.
SOIL TYPE	USDA-Natural Resources Conservation Service, Web Soil Survey (http://websoilsurvey.nrcs.usda.gov), accessed March 4, 2011.	Soils are classified as "Overton silty clay, strongly saline." The USDA Map Unit Symbol is "On"
OIL AND GAS FIELDS	NBMG, Bulletin 104 (Garr, et. al) and NBMG, Open-File Report 04-1 (Hess, et. al)	There are no oil and gas fields in the site vicinity. There are no oil or gas wells within a 1-mile radius of the subject site.

Information about the regional geology is presented on Table 4-3. This information was obtained from published data and maps, interviews with public agencies, and/or from previous investigations conducted by Kleinfelder or others in the vicinity of the site.

**TABLE 4-3
REGIONAL GEOLOGY AND HYDROGEOLOGY**

Physical Parameter	INFORMATION/COMMENTS
REGIONAL GEOLOGY (Source: Preliminary geologic map of the Moapa West Quadrangle, Clark County, Nevada, [Schmidt, Dwight L.; Page, William R.; Workman, Jeremiah B., USGS Open-File Report 96-521])	The subject site is underlain by Quaternary (Qr) age, recent terrace alluvium (Holocene). Mostly tan silt and sand, but includes sparse gray gravel in upper reach of Muddy River and mostly tan sandy gravel in side stream terraces.
DEPTH TO REGIONAL GROUNDWATER (Source: Nevada Bureau of Water Resources)	Based on the NDWR well log database, 2 wells have been completed in Section 36 (the Section in which the subject property lies) with the approximate depth to groundwater listed as being 12 feet below ground surface. These listings are in the northeast quarter of the northwest quarter of the Section. There are no wells are listed in the Quarter Section the Subject Property lies within.
DIRECTION OF ANTICIPATED FLOW ¹ (Source: general local knowledge)	The inferred direction of regional groundwater flow is to the east toward the Muddy River.
REGIONAL GROUNDWATER QUALITY PROBLEMS	No information on the regional groundwater quality is known.
WATER SUPPLY (Source: Nevada Bureau of Water Resources and FirstSearch Report)	The well search revealed two irrigation wells in the northeast quarter of the northwest quarter of Section 36, the Section which the subject property is within. The FirstSearch Report listed no Federal or State wells, within one-half mile of the Subject Property.
FLOOD ZONE DESIGNATION (Source: Clark County Regional Flood Control)	According to the Clark County Regional Flood Control database, the subject site is located within the 100-year flood zone.

¹ Groundwater flow direction is based on regional information sources. Site-specific conditions may vary due to a variety of factors including geologic anomalies, utilities, nearby pumping wells (if present), and other developments.

4.5. USER PROVIDED INFORMATION

According to Client, the purpose for performing this Phase I ESA is to satisfy due diligence requirements. Information regarding current owner/occupant is listed in Table 4-4.

**TABLE 4-4
OWNER/OCCUPANT INFORMATION**

Entity	Name
OWNER	Moapa Paiute Indian Reservation
PROPERTY MANAGER	Moapa Paiute Farm
OCCUPANT	Not in operation

Interviews of key individuals ("Key Site Managers") are provided in Section 7. The following section presents information provided by the Client.

4.5.1. Title Records

A Preliminary Title Report or Chain-of-Title Report was not provided to Kleinfelder for review prior to production of this report. These documents may provide information about land including ownership and other interests in the land, easements, and liens. Not all liens, defects, and encumbrances affecting title to the land may be included on the Preliminary Title Report.

4.5.2. Environmental Liens and Activity Usage Limitations

As part of the ASTM E1527-05 process (ASTM E1527-05, Section 6.2), it is the User's responsibility to provide Environmental Liens and Activity Usage Limitations (AULs) information to the environmental professional (Kleinfelder), unless the agreed scope of services provides otherwise. Our scope of services did not include researching Environmental Liens and Activity Usage Limitations for the subject property, nor was that information provided to Kleinfelder to review.

4.5.3. Value Reduction

As part of the ASTM E1527-05 process (ASTM E1527-05, Section 6.5), the User must provide information regarding the prospective purchase price of the property relative to the fair market value of the subject site. If there appears to be a value reduction, that reduction must be identified with respect to whether the difference could be attributed to environmental degradation of the property.

This Phase I ESA is not being done for purchase and therefore, this portion of Phase I ESA does not apply.

4.5.4. Other Information/Documents Provided

Except has discussed in Section 7 (Interviews) of this Report, no other information/documents were provided to Kleinfelder.

5 HISTORY OF THE SITE

The history of the site was researched to identify obvious uses. Historical land use was researched to the first developed use, or back to 1940, whichever was earlier or readily available. For the subject property, the earliest readily ascertainable historical reference available was 1943. Table 5-1 summarizes the availability of information reviewed during this assessment.

**TABLE 5-1
HISTORICAL SOURCES**

	Years reviewed	Availability
AERIAL PHOTOGRAPHS	1938, 1967, 1978, 1994, 2006, 2010	Available
SANBORN FIRE INSURANCE MAPS	Not Applicable	No Coverage
LOCAL STREET DIRECTORIES	None available	No site address
HISTORICAL TOPOGRAPHIC MAPS	1965, 1983	Available
BUILDING DEPARTMENT	N/A	N/A
PREVIOUS ASSESSMENT(S)	N/A	N/A
OTHER	None	None

5.1. AERIAL PHOTOGRAPHS

A review of historical aerial photography may indicate past activities at a site that may not be documented by other means, or observed during a site visit. The effectiveness of this technique depends on the scale and quality of the photographs and the available coverage. Aerial photographs were obtained from the historical photograph collection held by FirstSearch. Aerial photographs covering the years between 1938 and 2006 were available during the timeframe that this report was being prepared. The Clark County Info Mapper Website was reviewed for a current (Spring 2010) aerial photo review and is used for Plate 2. A tabulation of the aerial photographs reviewed is presented in Table 5-2.

**TABLE 5-2
HISTORICAL AERIAL PHOTOGRAPHS REVIEWED**

Date	Approximate Scale	Type	Source	Quality
1938	1 inch = 750 feet	Black and White Monoscopic	Environmental FirstSearch	Poor
1967	1 inch = 750 feet	Black and White Monoscopic	Environmental FirstSearch	Fair
1978	1 inch = 750 feet	Black and White Monoscopic	Environmental FirstSearch	Fair
1994	1 inch = 750 feet	Black and White Monoscopic	Environmental FirstSearch	Good
2006	1 inch = 750 feet	Color Monoscopic	Environmental FirstSearch	Good
2010	Varies	Color Monoscopic	Clark County InfoMapper	Excellent

Note: Aerial photographs only provide information on indications of land use and no conclusions regarding the release of hazardous substances or petroleum products can be drawn from the review of photographs alone.

5.1.1. Subject Site

The 1938 aerial photograph shows the subject site as essentially undeveloped, but the photograph is washed out and features are hard to discern. The 1967 aerial photograph shows the subject site has graded. The 1978 aerial photograph shows structures on the subject property, which appear to be the small greenhouse and support buildings. Other than the water tank being visible in the 1994 and 2006 aerial photographs, the subject property remains essentially unchanged in the 1994, the 2006 and the 2010 aerial photographs, as compared to the 1978 aerial photograph. The 2010 aerial photograph is provided as Plates 1 and 2.

The aerials do not present the existence of possible RECs in association with the subject property.

5.1.2. Surrounding Areas

The 1938 aerial photograph is washed out and features are hard to discern, but it appears that some of the surrounding areas are being farmed. The 1967 and 1978 aerial photographs show graded and farm land present. The 1994 aerial photograph shows the packaging warehouse, with the larger greenhouses beyond on the east adjacent property. The 2006 aerial photograph shows no significant changes as compared to the 1994 aerial photograph. The 2010 aerial shows the north adjacent property to be graded and contain stored materials that appear to be the wood chip piles observed on this site during the site reconnaissance.

The aerials do not present the existence of possible REC's.

5.2. FIRE INSURANCE MAPS

Fire insurance coverage maps, such as those maintained by The Sanborn Map Company, were produced for the purpose of assessing the potential fire hazard of a particular building or area. The maps generally show the type of building construction, may show locations of stored chemicals, ASTs, USTs; and also often identify site uses and features not ordinarily available from other sources. These maps are generally available only for historically established urban and suburban areas. These historical fire insurance maps were maintained for various cities from 1867 through the 1950s.

Fire Insurance Maps provide historical land use information for some metropolitan areas and small established towns. The maps generally show the type of building construction, may show locations of stored chemicals, above ground storage tanks, underground storage tanks; and also often identify site uses and features not ordinarily available from other sources.

Kleinfelder requested a search of Fire Insurance Map Coverage by FirstSearch. FirstSearch indicated that coverage was not available for the site vicinity. A letter of no coverage is provided with the FirstSearch Report in Appendix B.

5.3. LOCAL STREET DIRECTORIES

Local Street Directories (City Directories) provide information regarding property occupants by address and are one means to evaluate past ownership and property usage.

As the subject property does not have a physical address, Kleinfelder did not perform a search of the local street directories.

5.4. HISTORICAL TOPOGRAPHIC MAP REVIEW

Kleinfelder obtained information regarding historical topographic maps of the site vicinity from FirstSearch report. The topographic maps reviewed for this assessment are listed below in Table 5-3.

TABLE 5-3
HISTORICAL TOPOGRAPHIC MAPS REVIEWED

Year	Quadrangle	Series	Scale
1965	Moapa, NV	15 minute	1:62,500
1983	Moapa West, Nevada	7.5 minute	1:24,000

5.4.1. Subject Site

The 1965 and the 1983 historic topographic maps do not show any features on the Subject Property.

5.4.2. Surrounding Areas

The 1965 and the 1983 historic topographic maps do not show any features for the surrounding areas that appear to be evidence of REC's that could pose an impact to the Subject Property.

A cemetery, located to the northwest of the Subject Property, is present on both topographic maps. The 1983 topographic maps shows a sewage disposal pond located in the northeast direction, on the opposite side of the Muddy River from the Subject Property. A Power Plant (inferred to be the Nevada Energy Reid Gardner facility) is located approximately 1.25 miles to the southeast of the Subject Property.

5.5. BUILDING DEPARTMENT RECORDS

No Building Department records were reviewed. Clark County building records typically do not provide information related to environmental issues.

5.6. PREVIOUS ASSESSMENTS

No previous assessments were provided to Kleinfelder for review.

6 SITE RECONNAISSANCE

Kleinfelder's assessment activities included a site reconnaissance. This section summarizes the findings from the site reconnaissance.

6.1. METHODOLOGY AND LIMITING CONDITIONS

On March 4, 2011, Mr. Daniel Burns, a Kleinfelder employed State of Nevada Certified Environmental Manager (CEM), performed a site reconnaissance of the subject property and adjacent properties. During the visit, the weather was clear. There were no site access restrictions.

The site reconnaissance included a visual inspection of the site to assist in identifying the presence or likely presence of hazardous substances or petroleum hydrocarbons under conditions that indicate an existing release, a past release, or threat of release into structures, soil, groundwater, or surface water at the site (RECs). Observations of readily apparent environmental conditions are summarized in Table 6-1, and color photographs of the site are presented on Plates 3 through 5.

6.2. GENERAL SITE SETTING

The subject property consists of approximately 2.5 acres in a portion of Clark County APN 030-36-000-006. The subject property is referred to by the Moapa Band of Paiutes as the Moapa Paiute Farm small greenhouse.

6.3. SITE OBSERVATIONS

General site observations are further described in Table 6-1, and Table 6-2 further describes the interior and exterior observations as well as observed environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.

**TABLE 6-1
SITE OBSERVATIONS**

GENERAL OBSERVATIONS	REMARKS	OBSERVED	NOT OBSERVED
Current use of Subject Property	Greenhouse (not in use)	X	
Current use of Subject Property likely to indicate RECs			X
Past use of Subject Property			X
Past use of Subject Property likely to indicate RECs	The use of pesticides and herbicides as part of the greenhouse activities could have occurred.		X
Current use of adjoining properties	<u>North</u> – Wood chips and compost stockpiles. <u>East</u> – Planted trees, with former produce packaging plant/warehouse with greenhouses beyond (not in use). <u>South</u> – Vacant, disturbed land with mesa beyond. <u>West</u> – Farmed land, separated by a road	X	
Current use of adjoining properties likely to indicate RECs			X
Past use of adjoining properties			X
Past use of adjoining properties likely to indicate RECs	The use of pesticides and herbicides as part of the greenhouse activities could have occurred.		X
Topography of site and surrounding area		X	

GENERAL OBSERVATIONS	REMARKS	OBSERVED	NOT OBSERVED
Structures	Damaged greenhouse and support elements buildings (water tank, oil fueled boiler and boiler generator).	X	
Roads		X	
Potable Water Supply			X
Sewage Disposal System			X

**TABLE 6-2
INTERIOR AND EXTERIOR OBSERVATIONS**

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		OBSERVED	NOT OBSERVED
Aboveground storage tank (AST)	Water tank on subject property and damaged AST on the south adjacent property	X	
Air emissions			X
Asbestos and lead	Potential ACBM along exterior of greenhouse, at ground level	X	
Below grade vaults			X
Burned or buried debris			X
Chemical storage			X
Chemical mixing areas			X
Discolored soil or water			X
Ditches, streams			X

TABLE 6-2 CONTINUED

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		OBSERVED	NOT OBSERVED
Drains and piping (e.g. floor drains, floor trenches, bay drains, sand traps, grease traps)			X
Drums			X
Electrical or hydraulic equipment (polychlorinated biphenyls [PCBs])			X
Farm waste (e.g. feedlot spoils or manure stockpile)			X
Fill dirt from an unknown source.			X
Fill dirt from a known source			X
Hazardous chemical and petroleum products in connection with <i>known</i> use.			X
Hazardous chemical and petroleum products in connection with <i>unknown</i> use.			X
Non-hazardous containers with contents	5-gallon containers of hydraulic oil, engine oil and paint located in an equipment storage shed on the Subject Property.	X	
Hazardous waste storage			X
Heating and cooling system and fuel source			X
Industrial waste treatment equipment			X

TABLE 6-2 CONTINUED

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		OBSERVED	NOT OBSERVED
Loading and unloading areas			X
Odors			X
Pits, ponds, or lagoons			X
Pools of liquid			X
Process waste water			X
Septic system (<i>e.g. tank and leach fields</i>)			X
Soil piles			X
Solid waste/evidence of Unauthorized Dumping			X
Stained pavement, soil or concrete			X
Stains or corrosion (<i>interior, non-water</i>)			X
Storm drains/catch basins			X
Stressed vegetation			X
Sumps and clarifiers			X
Surface water			X
Underground storage tank(s) (including heating oil tanks)			X
Unidentified substance containers			X
Waste water discharge			X
Water supplies (<i>potable and process</i>)			X
Wells (<i>irrigation, monitoring, or domestic</i>)	On east adjacent property used for irrigation	X	
Wells (<i>dry</i>)			X
Wells (<i>oil and gas</i>)			X

6.4. RESULTS OF SITE RECONNAISSANCE

At the time of our site reconnaissance, we observed 5-gallon size containers, labeled as hydraulic oil, engine oil, and paint, located in the equipment shed on the northeast corner of the Subject Property. There is an oil fueled boiler, located in a shed between the equipment shed and the greenhouse. No separate fuel storage for the boiler was observed, so the fuel storage may be internal to the boiler system. An AST (water) is located adjacent (to the east) of the sheds.

The site perimeter was walked and adjacent properties observed (as viewable from the subject property and public rights of way). This consisted of an AST, whose north end (facing the Subject Property) was observed to have been penetrated.

7 INTERVIEWS

Key Site Managers are contacted to obtain current and historical environmental information concerning the subject site. The “Key Site Manager” of the subject property is Linda Donahue, office manager for the Moapa Paiute Farm.

7.1. INTERVIEW WITH OWNER REPRESENTATIVE

Kleinfelder conducted an interview with Ms. Donahue during the site reconnaissance portion of this Phase I ESA. Ms. Donahue also accompanied Kleinfelder during the site reconnaissance.

Ms. Donahue indicated that she had no knowledge of environmental concerns. The tribe was concerned about asbestos containing materials.

7.2. INTERVIEW WITH CLIENT

Ms. Donahue was provided a User Questionnaire (included in Appendix C). According to the User Questionnaire, there are no known environmental issues associated with the subject property. She indicated that only fertilizer had been used at the subject property and no records regarding pesticide/herbicide use at the subject property are available.

7.3. INTERVIEW WITH OTHERS

Kleinfelder contacted Mr. Mr. Ian Zabarte, Environmental Coordinator, Moapa Band of Paiutes, Department of Environmental Protection, to conduct an interview regarding the two listings within the database (RCRANLR and CERCLIS) (refer to Section 4 of this report). Mr. Zabarte indicated he had no knowledge of the RCRANLR listing but the CERCLIS listing was a result of an action he requested of the USEPA in 2009 to remove stored herbicides and pesticides within an approximate 16 feet by 10 feet cement block structure located near the Paiute Farm workshop. This is located near the Paiute Farm’s administrative building at 12 Lincoln Street.

12 Lincoln Street is located approximately 0.70 miles east of the Subject Property and is on the opposite side of the Muddy Creek River.

8 EVALUATION

Kleinfelder performed this ESA of the subject site in conformance with the scope and limitations of ASTM Standard Practice E1527-05. The following sections describe Kleinfelder's findings and provide general background information about the site. Findings include RECs, historical RECs, and notation of de minimus quantities, as applicable to the site. Business environmental risk issues are discussed in Section 8.3, Deviations. In summary, Kleinfelder's assessment revealed the following information about the site:

8.1. BACKGROUND

The subject property consists of approximately 2.5 acres in the approximate southeast portion of Clark County APN 030-36-000-006. The subject property is referred to as the Moapa Paiute Farm Small Greenhouse.

8.2. FINDINGS AND OPINIONS

An historical profile of the subject property was developed using information obtained during our review of regulatory databases and one or more of the following historical sources: aerial photographs, topographic maps, fire insurance maps, and street directories.

The subject property does not appear on any of the federal, state, and/or local environmental databases reviewed.

There were no *recognized environmental conditions* (REC, as defined in Section 2.1) noted for the subject property during the preparation of this Phase I ESA. However, the following conditions of potential environmental concern were noted:

- 5-gallon size containers, labeled as hydraulic oil, engine oil, and paint, were observed located in the equipment shed on the northwest corner of the subject property.

- Based on the site use as a greenhouse; herbicides and pesticides may have been used at the subject property. However, no records of pesticide or herbicide use were revealed during the preparation of the Phase I ESA.
- An oil-fueled boiler assembly (generator and boiler) indicates oil was used at the site and may have been released to the ground. There was no surface staining visible where the ground was visible around the boiler assembly.
- During the site reconnaissance, the presence of ACBM, consisting of 3-feet high CAB skirting installed around the exterior (ground level) of the greenhouse was observed. Prior to renovation of this greenhouse, an asbestos survey should be conducted of the suspected CAB skirting material.

There were no *historic recognized environmental conditions* (historic REC, as defined in Section 2.1) noted for the subject property during the preparation of this Phase I ESA.

8.3. DEVIATIONS AND ADDITIONAL SERVICES

An evaluation of business environmental risk associated with the parcel(s) was not included in Kleinfelder's scope of services. The ESA does not incorporate non-scope considerations, such as asbestos-containing materials testing, radon, lead-based paint testing, lead in drinking water testing, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines.

8.4. CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 on a portion of Clark County Assessor Parcel 030-36-000-006. The subject property has no address, but is located at the end of Greenhouse Road on the Moapa River Indian Reservation. Any exceptions to, or deviations from, this practice are described in Section 8.3 of this report. This assessment revealed no evidence of RECs in connection with the subject property. Based on the risk management criteria of the subject property owner the following items may warrant consideration:

- 5-gallon size containers, labeled as hydraulic oil, engine oil, and paint, were observed located in the equipment shed on the northwest corner of the subject property and any spills may have affected subject property soil;
- Leakage or spillage of oil used to fuel the boiler may have affected the subject property soil;
- Improperly stored or used pesticides or herbicides may have spilled and affected subject property soil;
- Based on the presence of ACBM, an asbestos survey should be conducted of the suspected CAB skirting material.

8.4.1. Data Gaps

Consistent with ASTM Standard Practice E 1527-05 (Section 12.7), the following data failure (data gap) has been identified.

- No information was able to be obtained for the RCRANLR listing discussed in Section 4.2. The listing address is approximately 0.75 miles north of the subject property. If the address for the listing is accurate, the site is outside the minimum recommended database search distance of 0.25 mile and would not constitute a data gap. This potential data gap is unlikely to affect the conclusions regarding RECs affecting the subject property.

9 REFERENCES

American Society for Testing and Materials (ASTM), 2005. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*; ASTM Designation E 1527-05, November 14, 2005.

Clark County Regional Flood Control District. *FloodZone*. Accessed March 4, 2011.
<http://breccia.ccrfcd.org/website/floodex>.

CERLCIS cleanup photographs, 2009, Moapa Band of Paiutes

Division of Water Resources, Department of Conservation & Natural Resources, State of Nevada. *Well Log Database Query Tool*. Accessed March 4, 2011.
<http://water.nv.gov/Engineering/wlog/wlog.cfm>

Garside, L.J., R.H. Hess, K.L. Fleming and B.S. Weimer, 1988. *Oil and Gas Developments in Nevada*, Nevada Bureau of Mines and Geology Bulletin 104.

Hess, R.H., S.P. Fitch, and S.N. Warren, 2004. *Nevada Oil and Gas Well Database (NVOILWEL)*. Nevada Bureau of Mines and Geology Open-File Report 04-1. June 1.

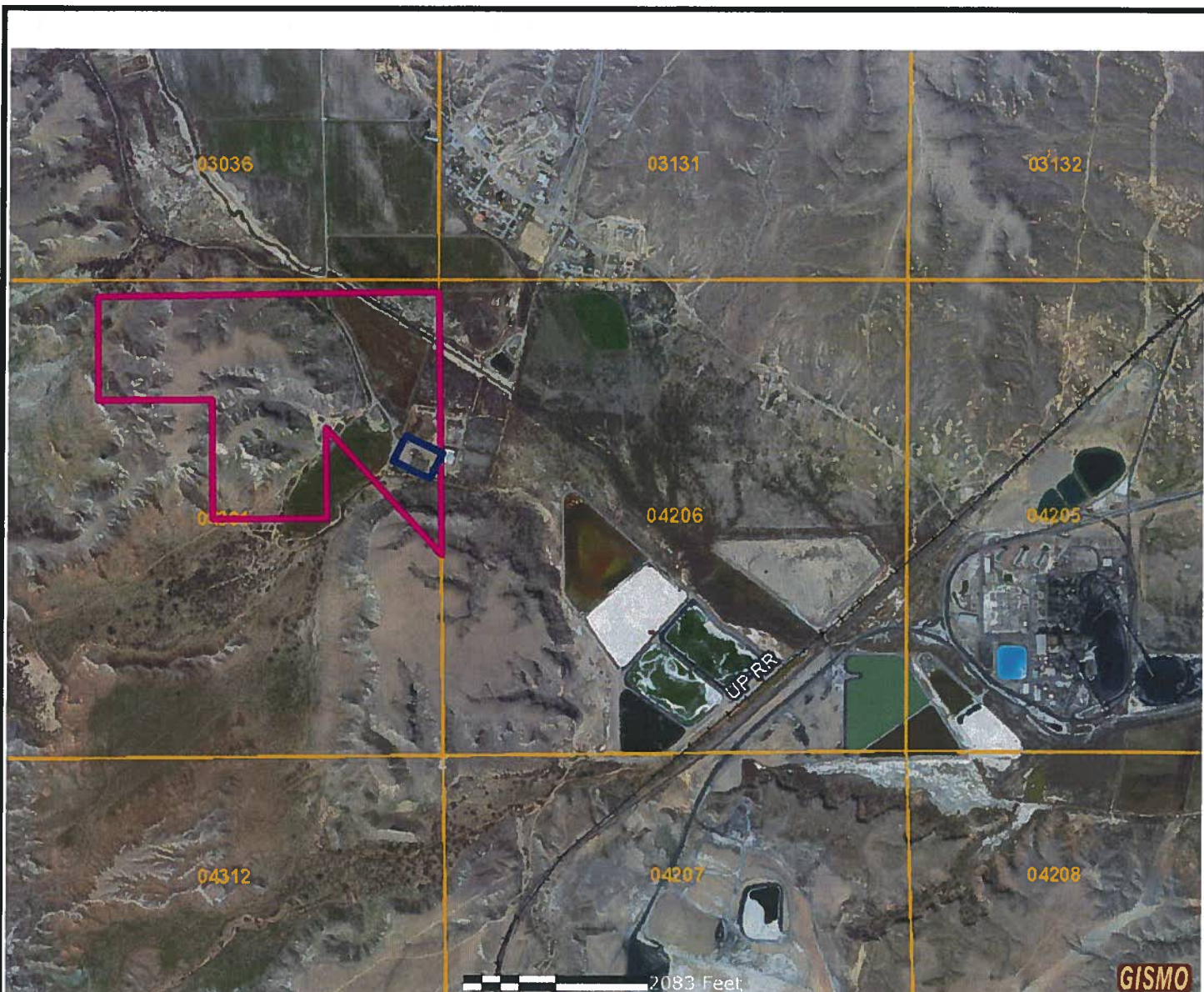
Track Info Services, Environmental FirstSearch™, 2011.

United States Geologic Survey, 1983. Moapa West, Nev. Quadrangle, 7.5 Minute Series (Topographic).

United States Geologic Survey, 1965. Moapa, Nev. Quadrangle, 15 Minute Series (Topographic).

Additional sources are provided in Appendix D and also may be referenced separately in the report text.

PLATES



Parcel Boundary



Subject Property Location



Original in Color

Map Source:
Clark County, Nevada County
Assessor's Office OpenWeb Info Mapper

KLEINFELDER
6380 South Polaris Avenue
Las Vegas, Nevada 89118
Ph. (702) 736-2936 Fax. (702) 361-9094

SUBJECT SITE AND VICINITY MAP

Moapa Paiute Farm Small Greenhouse
Moapa Indian Reservation
A portion of APN 030-36-000-006
Moapa, Clark County, Nevada

PLATE

1

Drawn by: DCB | Checked by: DH | Date: 03/7/2011 | PROJECT NO.: 117225.01



Subject Property



Map Source:
Clark County, Nevada
County Assessor's Office
OpenWeb Info Mapper
Assessor's Map and Aerial Photograph
Fall 2010

Original in Color



KLEINFELDER

6380 South Polaris Avenue
Las Vegas, Nevada 89118
Ph. (702) 736-2936 Fax. (702) 361-9094

AERIAL VIEW OF SUBJECT SITE

Moapa Paiute Farm Small Greenhouse
Moapa Indian Reservation
A portion of APN 030-36-000-006
Moapa, Clark County, Nevada

PLATE

2

Drawn by: DCB | Checked by: PT | Date: 03/07/11 | PROJECT NO.: 117225.0



North facing side of Subject Property



Interior of Subject Property's Greenhouse



5-gallon containers on Subject Property



Oil fueled boiler on Subject Property



Oil Fueled Boiler Manufacturer Plate ,
designating the boiler is oil fueled



Base of Above Ground Water Tank on Subject
Property

Original in Color



6380 South Polaris Avenue
Las Vegas, Nevada 89118
Ph. (702) 736-2936 Fax. (702) 361-9094

SITE PHOTOGRAPHS

Moapa Paiute Farm Small Greenhouse
Moapa Indian Reservation
A portion of APN 030-36-000-006
Moapa, Clark County, Nevada

PLATE

3

Drawn by: DCB | Checked by: JF | Date: 03/04/11 | PROJECT NO.: 17225.01



Suspect asbestos containing skirting along perimeter of greenhouse



Looking north along west side of greenhouse



North adjacent Property



Irrigation well on north adjacent property (looking towards Subject Property)



East adjacent Property



East adjacent property, with AST in background (looking towards NE from Subject Property)

Original in Color



SITE PHOTOGRAPHS

Moapa Paiute Farm Small Greenhouse
Moapa Indian Reservation
A portion of APN 030-36-000-006
Moapa, Clark County, Nevada

PLATE

4

Drawn by: DCB | Checked by: JF | Date: 03/04/11 | PROJECT NO.: 17225.01



West adjacent property (looking south)



Abandoned building, located south west of the Subject property (looking west along boundary with south adjacent property).



Looking to west, along south boundary of Subject Property.




Looking to south , at east portion of Subject Property.



Looking to at north adjacent Property.

Original in Color

 KLEINFELDER 6380 South Polaris Avenue Las Vegas, Nevada 89118 Ph. (702) 736-2936 Fax. (702) 361-9094		SITE PHOTOGRAPHS	
		Moapa Paiute Farm Small Greenhouse Moapa Indian Reservation A portion of APN 030-36-000-006 Moapa, Clark County, Nevada	PLATE 5
Drawn by: DCB	Checked by: JF	Date: 03/04/11	PROJECT NO.: 17225.01

APPENDIX A

**QUALIFICATIONS OF
ENVIRONMENTAL PROFESSIONALS**

DANIEL C. BURNS, P.G., C.E.M.

Senior Environmental Professional

Summary of Experience

Mr. Burns has 25 years of experience conducting environmental contamination and property condition assessments for soils, groundwater and structures. These include geologic engineering/environmental investigations for hazardous and non-hazardous waste for commercial, municipal, public utilities, and DOD (USAF & USMC) projects in Arizona, California, Hawaii, and Nevada. He has provided construction management/contractor oversight services for shipping and transportation projects in California. The projects included preparation, submittal, review and approvals of specifications, contractor oversight. He has conducted ASTM E2018 and NAC645D type Property Condition Assessments for commercial and residential properties, respectively. He has conducted ASTM E1527 and AIA type phase I environmental site assessments for individuals, companies, lending institutions, and government agencies. He has been involved with clandestine lab substance residue testing, asbestos evaluations for renovations and/or demolition projects, and lead based paint sampling and assessments for OSHA Worker safety compliance.

Education

BS, Civil Engineering, Metropolitan State College of Denver, Denver, Colorado, 1989

BS, Geology, University of Southern Colorado, Pueblo, Colorado, 1985

Graduate Level Course, Contaminated Site Assessment and Remediation, University of Las Vegas, Nevada, 2002

Registrations/Certifications

Professional Geologist, #PG-199, Wyoming

Certified Environmental Manager, #EM-1692, Nevada NDEP

Asbestos Abatement Consultant – Inspector, #I-0971, August 2010

Certified Inspector of Structures, #IOS.0000741-RES, Nevada NRED

Certified Lead-Based Paint Inspector /Risk Assessor, #NV-R-11723-1, Region 9 Tribal Lands (expires April 28, 2014)

Certified Lead-Based Paint Inspector /Risk Assessor, #NV-R-11723-3, Nevada

Certified Stormwater Management Professional (CSMP), #02.3902, February 2011

AHERA – Refresher, Building Inspector, #E5882, August 2010

DANIEL C. BURNS, P.G., C.E.M.
Senior Environmental Professional

Select Project Experience

A representative selection of Mr. Burns' project experience is included below.

Environmental Site Assessment Services

Provide environmental site assessments in general accordance with ASTM E1527, to identify recognized environmental conditions and evaluate their impact to subject site for various banking, land development, and investor clientele.

Property Condition Assessment Services

Provide commercial property transaction inspections, in general accordance with ASTM 2018, to identify physical deficiencies and develop opinion of probable costs for immediate repairs and life cycle repairs of contracted elements of concern (such as exterior site elements, electrical, mechanical, structural frame and building envelope, plumbing, life safety/fire protection, and interior elements).

Asbestos Inspection Services

Provide limited asbestos inspections in general accordance with ASTM E2308 for commercial real estate transactions; provide comprehensive asbestos inspections for NESHAP (demolition) compliance (using either 40 CFR 61 Subpart M regulations or ASTM E 2356 guidelines as appropriate) for various banking, land development and investor clientele.

Lead-Based Paint Inspection Services

Provide inspections in general accordance with EPA regulations, HUD guidelines, and ASTM E 1729 guidelines, as appropriate, to identify recognized environmental conditions and evaluate their impact to subject site for various banking, land development and investor clientele.

Special Environmental Services

Provide hazardous materials/wastes environmental consulting services to governmental agencies (U.S. Marshals Service, District of Nevada Asset Forfeiture Program; U.S. Bureau of Land Management, Southern Nevada District; Clark County Safety and Risk Management Department) within Clark County, Nevada.

DANIEL C. BURNS, P.G., C.E.M.

Senior Environmental Professional

Specific project experience includes:

Limited Asbestos Screen for the City of Las Vegas Neighborhood Development Division, Las Vegas, Nevada. A single story residential structure required a limited asbestos screen so as to evaluate whether or not the interior spray-on ceiling texture contained asbestos materials. As the project manager, collected bulk samples, submitted the samples to a certified analytical laboratory for Polarized Light Microscopy analysis, and authored a report of findings for the client's use.

Pre-Demolition Asbestos Survey, 169 West Lake Mead, Henderson, Nevada. The asbestos survey at this residential structure was for NESHAP compliance of this structure which the City of Henderson deemed to be unsafe to occupy and was to be demolished. In the role of project manager, located, inventoried and evaluated asbestos-containing materials as to type, condition, percent of asbestos content, and friability in addition to preparation of a report for submittal with the demolition permit.

Pre-Demolition Asbestos Survey, 181 West Lake Mead, Henderson, Nevada. Conducted an asbestos survey for NESHAP compliance of a residence to be demolished for commercial development. Located, inventoried and evaluated asbestos-containing materials as to type, condition, percent of asbestos content, and friability. Also prepared a report of findings and recommendations for submittal with the demolition permit.

Pre-Demolition Asbestos Survey, 185 West Lake Mead, Henderson, Nevada. In the position of project manager, conducted an asbestos survey of a commercial structure purchased for renovation. Located, inventoried and assessed readily accessible and easily observable asbestos-containing materials as to type, condition, percent of asbestos content, and friability. Also prepared a report of findings and recommendations.

Smith Center for the Performing Arts (PAC) Project, Las Vegas, Nevada. Under funding provided by both the City of Las Vegas redevelopment funding and a state of Nevada Brownfields grant, provided state of Nevada Certified Environmental Manager services for the excavation of petroleum impacted soils during the construction of the Smith Center for the Performing Arts on the Symphony Park site. The project, part of a commercial redevelopment

DANIEL C. BURNS, P.G., C.E.M.

Senior Environmental Professional

endeavor is located on 61-acres of former railroad maintenance and fueling facility near downtown Las Vegas.

Symphony Park (formerly Union Park) Project, Las Vegas, Nevada. Developed a sampling and analyses plan for the Union Park property owner (City Parkway V, Inc.), for a commercial redevelopment of a 61-acre former railroad maintenance fueling facility near downtown Las Vegas. Also, developed a soils and groundwater management plan for the 61-acre Union Park Project, under a state of Nevada Brownfields contract.

Lou Ruvo Institute, Symphony Park Project, Las Vegas, Nevada. During excavation activities of the first parcel (Parcel A1) of the Union Park Project to undergo development (Lou Ruvo Institute) activities, implemented the Union Park project sampling and analyses plan for excavated soils, implemented the environmental oversight portion of the soils and groundwater management plan and prepared reports of findings.

Former Truck Stop Remediation Project, Mesquite, Nevada. Conducted soil and groundwater characterization investigations, groundwater monitoring well installations oversight, free-product removal, and groundwater monitoring activities of a former truck-stop that performed fuel dispensing activities since 1956. Provided Certified Environmental Manager (CEM) oversight for the development of a remedial action plan (RAP) recommending hot-spot excavation of shallow petroleum hydrocarbon impacted soils, over-purging of groundwater wells with measurable free-product and the installation and operation of soil vapor extraction (SVE), and In-Situ air sparging (IAS) technologies; and oversaw implementation of the RAP. Since December 2006, the SVE and IAS system has been operational, with monthly SVE and IAS system operation and maintenance activities and quarterly groundwater monitoring is being conducted.

Phase I Environmental Site Assessment, Henderson, Nevada. Due to a pending purchase, performed the Phase I ESA for a 23 building condominium complex situated on 18 acres. Visited the site to ascertain the condition of same, performed extensive reviews of Federal, state, and local databases to determine past history of the site, reviewed aerial photographic records of the site, interviewed past and present individuals familiar with the site, and prepared a written report of our findings and recommendations

Joshua Fortmann, CEM, PG
Project Manager

SUMMARY OF EXPERIENCE

Mr. Fortmann has fifteen years of professional experience managing subsurface investigations, groundwater monitoring projects and remediation projects. He has expertise in project management of large, complex site assessment and remediation projects. Mr. Fortmann has managed groundwater assessment and monitoring projects at petroleum and solvent release sites. Currently, he is Kleinfelder's project manager for the Nevada Division of Environmental Protection Brownfields contract. Additionally, as a voting member of the Squaw Valley Technical Review Committee he provided a recommended design to the Lahontan Regional Water Quality Control Board for the groundwater and surface water monitoring program implemented as part of the Monitoring and Reporting Program at the Resort at Squaw Creek. Mr. Fortmann is currently managing a potential PCE source investigation project for Washoe County Department of Water Resources. Through this project, and previous experience with the Central Truckee Meadows Remediation District (CTMRD) program, he has gained an understanding of the role groundwater monitoring serves as part of the larger CTMRD program.

EDUCATION

Bachelor of Science, Geology, University of NEvada, reno, 1995

REGISTRATIONS

Certified Environmental Manager (C.E.M.), No.1730, NDEP, NV
Professional Geologist (PG), No.CA # 7903
Professional Geologist (PG), No.UT # 6697381-2250

SELECT PROJECT EXPERIENCE

Washoe County Department of Water Resources, Central Truckee Meadows Remediation District, Potential Source Area Investigation, Reno, Nevada. Mr. Fortmann serves as the project manager for this investigation to identify the location and magnitude of PCE sources, identify the release mechanisms, assess potential threat to groundwater resources, and assess potential for vapor intrusion and migration and risk to human health. Mr. Fortmann is the point of contact for

the client, and also interacts with key stakeholders, as necessary. As project manager for this project, Mr. Fortmann has gained an understanding of WCDWR expectations regarding approaches to analytical data collection and analysis, as well as a better knowledge of stakeholder involvement in the CTMRD program.

Nevada Brownfields Program, Nevada Division of Environmental Protection, Multiple Locations throughout Nevada. Mr. Fortmann serves as the project manager for Brownfields projects performed under this contract. Over the past six years, he has managed 25 Brownfields projects throughout Nevada including soil and groundwater assessment, and remediation. Brief summaries of two recent projects are included below. Project management for multiple projects under this contract, has provided Mr. Fortmann with experience managing public agency contracts, and preparation and execution of data quality management plans.

Regional Transportation Commission 4th Street Station, Reno, Nevada. Mr. Fortmann served as the project manager for an underground storage tank (UST) removal and contaminant source assessment project in downtown Reno. The objective of this project was to remove USTs and assess potential soil and groundwater impacts from UST releases. Encountered conditions required additional assessment for volatile organic compounds, semi-volatile organic compounds and metals.

Owyhee Combined School, Nevada Division of Environmental Protection, Owyhee, Nevada. Following multiple historical hydrocarbon releases to the ground surface, a soil and groundwater assessment was performed to evaluate the impacts to soil and groundwater. The subject site was an active school and the drinking water aquifer underlies the site. A direct-push coring drill rig was used to perform subsurface assessment activities. Data verification was performed to evaluate data relative to the Data Quality Indicators and Data Quality Objectives. Based on the data evaluation, groundwater was not impacted but soil remediation activities were required. Mr. Fortmann served as the project manager for assessment and remediation activities, as well as prepared the Sampling and Analysis Plan and reporting documents.

Proposed Wal-Mart Site 2106-03, Reno-Sparks Indian Colony, Reno, Nevada. Mr. Fortmann served as the project manager for this large soil assessment and remediation project. The objective of this project was to assess multiple possible sources of contaminants to site soil and groundwater including auto repair, auto painting, printing and radiator repair facilities. The 22-acre site will be redeveloped with a large, commercial structure. A Sampling and Analysis Plan (SAP) was prepared in accordance Nevada Division of Environmental Protection Brownfields Program Quality Assurance Program Plan. Soil assessment activities revealed the presence of petroleum hydrocarbons, metals and organochlorine pesticides in shallow soil. Soil remediation services were provided to allow redevelopment of

site. Regulatory coordination was performed with the Reno-Sparks Indian Colony Environmental Program, the Washoe County District Health Department, the Nevada Division of Environmental Protection - Bureau of Corrective Actions, the US EPA and the Bureau of Indian Affairs.

Nevada Department of Transportation, Fallon, Nevada. Mr. Fortmann serves as the project manager for an ongoing Environmental Site Assessment (ESA) for the Nevada Department of Transportation former asphalt batch plant in Fallon, Nevada. Kleinfelder completed a Phase I ESA and is currently completing a Phase II ESA for the 31-acre site. Site assessment activities included development and implementation of a dynamic work plan to assess site soil and groundwater for volatile organic compounds, petroleum hydrocarbons and metals. Project activities have included frequent interaction with the NDOT project manager to address ongoing evolution of the dynamic work plan to address changing site conditions. Kleinfelder also met with the Nevada Division of Environmental Protection Bureau of Corrective Actions to present preliminary analytical data and discuss potential future assessment or remediation requirements.

Resort at Squaw Creek Golf Course, Resort at Squaw Creek, Olympic Valley, California. Mr. Fortmann serves as the project manager for a soil, surface water and groundwater monitoring program at the Resort golf course. His experience also includes lysimeter installation and soil moisture sampling to assess for contaminant migration through the unsaturated zone. Production well pumping rates, irrigation rates, evapotranspiration rates, and groundwater velocity were used to develop a groundwater monitoring plan for the application of chlorinated herbicides to the ground surface overlying a drinking water aquifer. Based on data collected, he developed herbicide application exclusion zones around drinking water wellheads.

Rye Patch Truck Stop, Travel Centers of America, Lovelock, Nevada. Mr. Fortmann serves as the project manager for implementation of groundwater monitoring and reporting services to meet NDEP requirements. He also managed source assessment activities that revealed a historic release of 1,2-DCA and BTEX. Assessment activities were performed to define the lateral extent of groundwater contamination. Assessment activities were performed using a combination of direct-push coring and hollow-stem auger drilling techniques. Mr. Fortmann managed the design and implementation of the remediation system to address volatile organic compounds in soil and groundwater. An air-sparge and soil vapor extraction Pilot Study has been completed and full-scale remediation is ongoing in accordance with the approved Corrective Action Plan (CAP).

Former TRW Site, Virginia Highlands LLC, Storey County, Nevada. Mr. Fortmann served as the project manager for perchlorate source assessment and remediation activities at a former explosives research and development facility.

Assessment activities included soil, surface water and groundwater sample collection and data evaluation. Based on assessment results, Mr. Fortmann managed the design, bench testing and implementation of an in-situ biodegradation remedial approach.

STATEMENT OF QUALIFICATIONS

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

Daniel C Burns

Daniel C. Burns, P.G., C.E.M.

The resumes of above-listed environmental professionals performing this environmental site assessment are on file at the Kleinfelder office and are available on request.

APPENDIX B

FirstSearch RADIUS MAP REPORT

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property: MOAPA GREENHOUSE

MOAPA PAIUTE FARM SMALL GREENHOUSE

MOAPA NV 89025

Job Number: 117225.01

PREPARED FOR:

Kleinfelder

6380 South Polaris Ave

Las Vegas, NV 89118

03-07-11



Tel: (866) 664-9981

Fax: (818) 249-4227

Environmental FirstSearch Search Summary Report

**Target Site: MOAPA PAIUTE FARM SMALL GREENHOUSE
MOAPA NV 89025**

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	10-21-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	10-21-10	0.50	0	0	0	0	-	0	0
CERCLIS	Y	11-30-10	0.50	0	0	0	0	-	1	1
NFRAP	Y	11-30-10	0.50	0	0	0	0	-	1	1
RCRA COR ACT	Y	11-10-10	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	11-10-10	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	11-10-10	0.25	0	0	0	-	-	1	1
RCRA NLR	Y	11-10-10	0.12	0	0	-	-	-	3	3
Federal Brownfield	Y	12-10-10	0.50	0	0	0	0	-	0	0
ERNS	Y	01-24-11	0.12	0	0	-	-	-	6	6
Tribal Lands	Y	12-01-05	1.00	1	0	0	0	0	1	2
State/Tribal Sites	Y	01-06-11	1.00	0	0	0	0	0	6	6
State Spills 90	Y	NA	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	01-19-11	0.50	0	0	0	0	-	4	4
State/Tribal LUST	Y	01-06-11	0.50	0	0	0	0	-	6	6
State/Tribal UST/AST	Y	01-07-11	0.25	0	0	0	-	-	8	8
State/Tribal EC	Y	NA	0.50	0	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	01-06-11	0.50	0	0	0	0	-	0	0
State Wells	Y	NA	0.50	0	0	0	0	-	0	0
Federal Wells	Y	03-04-08	0.50	0	0	0	0	-	0	0
Releases	Y	01-24-11	0.12	0	0	-	-	-	0	0
Coal Gasification	Y	12-31-05	0.25	0	0	0	-	-	0	0
Oil & Gas Wells	Y	01-08-01	0.25	0	0	0	-	-	0	0
FI Map Coverage	Y	04-22-10	0.12	0	0	-	-	-	0	0
Federal IC/EC	Y	11-04-10	0.50	0	0	0	0	-	0	0
Dry Cleaners	Y	NA	0.25	0	0	0	-	-	0	0
Meth Labs	Y	10-21-10	0.12	0	0	-	-	-	0	0

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.

- Continued on next page -

***Environmental FirstSearch
Search Summary Report***

**Target Site: MOAPA PAIUTE FARM SMALL GREENHOUSE
MOAPA NV 89025**

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
Mines	Y	NA	0.25	0	0	0	-	-	0	0
- TOTALS -				1	0	0	0	0	37	38

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: 03-07-11
Requestor Name: Dan Burns
Standard: AAI

Search Type: COORD
Job Number: 117225.01
Filtered Report

Target Site: MOAPA PAIUTE FARM SMALL GREENHOUSE
MOAPA NV 89025

Demographics

Sites: 38	Non-Geocoded: 37	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-114.65889	-114:39:32	Easting:	709245.62
Latitude:	36.661053	36:39:40	Northing:	4059623.941
Elevation:	1601		Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)

Services:

ZIP Code	City Name	ST	Dist/Dir	Sel

	Requested?	Date
Fire Insurance Maps	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: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

TOTAL: 38 **GEOCODED:** 1 **NON GEOCODED:** 37 **SELECTED:** 38

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	TRIBALLAND	MOAPA RIVER INDIAN RESERVATION TL-319/TRIBAL LANDS	UNKNOWN NV	0.00 --	N/A	1

Environmental FirstSearch

Sites Summary Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

TOTAL: 38 **GEOCODED:** 1 **NON GEOCODED:** 37 **SELECTED:** 38

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	ERNS	MICRON MINING COMPANY 465707/FIXED FACILITY	END OF DIRT ROAD NEXT TO RA MOAPA NV	NON GC	N/A	2
	STATE	PARDEE HOMES OF NEVADA H-000394/CONFIRMED RELEASE	U.S. HIGHWAY 93 STATE ROU MOAPA NV	NON GC	N/A	3
	STATE	MOAPA RAIL SPUR/RANDOLPH JOYCE H-000542/INVESTIGATION	INTERSTATE I5 AND STATE ROU MOAPA NV	NON GC	N/A	3
	STATE	HIGH DESERT SAND, 320 S BOULDE H-000355/CONFIRMED RELEASE	MEADOW VALLEY ROAD MOAPA NV	NON GC	N/A	4
	STATE	GEORGIA PACIFIC GYPSUM CORPORA H-001232/CLOSED	UNKNOWN MOAPA NV 89025	NON GC	N/A	6
	ERNS	UNION PACIFIC RAILROAD NRC-774640/RAILROAD NON-RELEASE	UNKNOWN MOAPA NV	NON GC	N/A	8
	ERNS	NEVADA POWER CO. 297742/PIPELINE RELATED	REID-GARDNER POWER PLANT MOAPA NV	NON GC	N/A	10
	STATE	SANDERS CONSTRUCTION SPILL H-000208/CLOSED	INTERSTATE 15 MILE MARKER MOAPA NV	NON GC	N/A	11
	ERNS	MM 397 NRC-746934/RAILROAD	UNKNOWN MOAPA NV	NON GC	N/A	13
	SWL	MOAPA/GLENDALE LANDFILL 17/CLOSED	UNKNOWN MOAPA NV	NON GC	N/A	15
	ERNS	MICRON MINING COMPANY 172763/FIXED FACILITY	END OF DIRT ROAD NEXT TO RA MOAPA NV	NON GC	N/A	16
	RCRANLR	MOAPA BAND OF PAIUTES NVR000001198/NLR	I LINCOLN ST MOAPA NV 89025	NON GC	N/A	17
	RCRANLR	GARNET VALLEY PROJECT N C A 1 NVD986773539/NLR	APEX RD 11401 U S 91 93 LAS VEGAS NV 89025	NON GC	N/A	18
	RCRANLR	AMER TELE and TELE CO ARROW CA NVD980736466/NLR	12.4 MI SW OF MOAPA MOAPA NV 89025	NON GC	N/A	19
	RCRAGN	ASHLAND INC. NVR000002170/LGN	20I N MEADOW VALLEY RD MOAPA NV 89025	NON GC	N/A	20
	NFRAP	NEVADA POWER STATION/REID GARD NVD093065852/NFRAP-NFRAP-N	NE OF HWY 15, ACROSS MOAPA MOAPA NV 89025	NON GC	N/A	21
	CERCLIS	MOAPA PESTICIDES EMERGENCY RES NVN000908771/NOT PROPOSED	MOAPA RIVER INDIAN RESERVAT MOAPA NV	NON GC	N/A	21
	ERNS	NEV POWER CO. 297750/FP	REID-GARDNER POWER PLANT MOAPA NV	NON GC	N/A	23
	UST	MOAPA DEVELOPERS INC 8-000499/REGISTERED UST	1501 HIGHWAY 168 MOAPA NV 89025	NON GC	N/A	25
	LUST	WISER CONSTRUCTION 8-000499/CLOSED	1501 HIGHWAY 168 MOAPA NV 89025	NON GC	N/A	26

Environmental FirstSearch

Sites Summary Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

TOTAL: 38 **GEOCODED:** 1 **NON GEOCODED:** 37 **SELECTED:** 38

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	LUST	ONE STOP HARDWRE/PIONEER MARKE 8-000975/CLOSED	1701 HIGHWAY 168 MOAPA NV 89025	NON GC	N/A	26
	LUST	MOAPA STATION 8-000714/CLOSED	MILEPOST 383.1 MOAPA NV 89025	NON GC	N/A	27
	LUST	FARRIER STATION 8-000713/CLOSED	MILEPOST 393.0 MOAPA NV 89025	NON GC	N/A	27
	LUST	DRY LAKE 8-000712/CLOSED	MILEPOST 363.2 MOAPA NV 89025	NON GC	N/A	28
	LUST	ARROWHEAD SERVICE 8-001373/CLOSED	INTERSTATE 15 EXIT 91 GLENDALE NV 89025	NON GC	N/A	29
	UST	SAME AS 8-000975 8-001325/REGISTERED UST	PO BOX 609 MOAPA NV 89025	NON GC	N/A	30
	STATE	RINKER MATERIALS MOBILE SOURCE H-000336/CLOSED	MEADOW VALLEY ROAD MOAPA NV	NON GC	N/A	31
	UST	MOAPA STATION-MILEPOST 383 1 8-000714/REGISTERED UST	MILEPOST 383.1 MOAPA NV 89025	NON GC	N/A	32
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-89025	UNKNOWN NV 89025	NON GC	N/A	33
	UST	FARRIER STATION-MILEPOST 393 0 8-000713/REGISTERED UST	MILEPOST 393.0 MOAPA NV 89025	NON GC	N/A	34
	UST	DRY LAKE-MILEPOST 363 2 8-000712/REGISTERED UST	MILEPOST 363.2 MOAPA NV 89025	NON GC	N/A	35
	UST	AT and T ARROW CANYON EPA9_MOAP001/OPERATING	UNKNOWN MOAPA NV 89025	NON GC	N/A	36
	UST	ARROWHEAD SERVICE - CLOSED 8-001373/REGISTERED UST	I-15 EXIT 91 MOAPA NV 89025	NON GC	N/A	38
	SWL	NPC/REID GARDNER SANITARY LAND 22/CLOSED	P.O. BOX 230 MS 54 MOAPA NV	NON GC	N/A	39
	SWL	NPC/REID GARDNER FLYASH DISPOS 21/OPERATING - PERMITTE	P.O. BOX 230 MS 54 MOAPA NV	NON GC	N/A	39
	SWL	NPC/REID GARDNER ASBESTOS SITE 20/OPEN/C PERMIT	P.O. BOX 230 MS 54 MOAPA NV	NON GC	N/A	40
	UST	ONE STOP MARKET-CLOSED 8-000975/REGISTERED UST	1701 SR HWY 16, 3758 MAHALD MOAPA NV 89025	NON GC	N/A	42

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

TRIBALLAND

SEARCH ID: 1 **DIST/DIR:** 0.00 -- **ELEVATION:** **MAP ID:** 1

NAME: MOAPA RIVER INDIAN RESERVATION
ADDRESS: UNKNOWN
NV

REV: 12/1/05
ID1: TL-319
ID2:
STATUS: TRIBAL LANDS
PHONE:

CONTACT:
SOURCE:

FEDERAL LAND INFORMATION

NAME: MOAPA RIVER INDIAN RESERVATION
FEATURE: INDIAN RESERVATION
ADMINISTERING AGENCY: BIA
STATE FIPS: 32
AREA: 0.029367
PERIMETER: 0.926557

TRIBAL LEADER CONTACT INFORMATION

TRIBAL_NAME: MOAPA BUSINESS COUNCIL
BIA OFFICE: WESTERN REGION
CONTACT: PHIL SWAIN, CHAIRMAN
ADDRESS: PO BOX 340
MOAPA, NV 89025-0340
PHONE: 702-865-2787
FAX: 702-865-2875
EMAIL:
WEBSITE:
TERM EXPIRES: DEC 2005
SELF GOVERNED:

Please contact the following link for more details: <http://www.hanksville.org/sand/contacts/tribal/>

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 9 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: MICRON MINING COMPANY
ADDRESS: END OF DIRT ROAD NEXT TO RAILROAD TRACKS
MOAPA NV

REV: 5/1/90 0:0
ID1: 465707
ID2:
STATUS: FIXED FACILITY
PHONE:

CONTACT:
SOURCE: EPA

SPILL INFORMATION

DATE OF SPILL: 5/1/1990 **TIME OF SPILL:** 0800

PRODUCT RELEASED (1): HYDROCHLORIC ACID
QUANTITY (1): 10000
UNITS (1): GAL

PRODUCT RELEASED (2): SULFURIC ACID
QUANTITY (3): 0
UNITS (3): OTH

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: GROUND

CAUSE OF RELEASE

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

ACTIONS TAKEN: CALLER ESTIMATES THE QUANTITY IS IN EXCESS OF
10,000 GALS ./ NONE.

RELEASE DETECTION: TANK FARM / STORAGE TANKS DETERIORATED.

MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 465707

TYPE OF DISCHARGER:

NAME OF DISCHARGER:

ADDRESS: WILSHIRE BLVD.
BEVERLY HILLS CA

DUN and BRADSTREET :
PRIVATE ENTERPRISE
MICRON MINING COMPANY

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

STATE			
SEARCH ID: 17	DIST/DIR: NON GC	ELEVATION:	MAP ID:
NAME: PARDEE HOMES OF NEVADA ADDRESS: U.S. HIGHWAY 93 STATE ROUTE 168 MOAPA NV CLARK		REV: 07/08/10 ID1: H-000394 ID2: STATUS: CONFIRMED RELEASE PHONE:	
CONTACT: SOURCE: NV DOC			
<u>NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION</u>			
:			
Date Release Reported to NDEP:		Release	
Date of Closure:		7/28/2006	
Regulatory Type of Closure:			
Type of Media Impacted:		Soil	
Description of Contaminant:		Diesel	

STATE			
SEARCH ID: 16	DIST/DIR: NON GC	ELEVATION:	MAP ID:
NAME: MOAPA RAIL SPUR/RANDOLPH JOYCE ADDRESS: INTERSTATE 15 AND STATE ROUTE MOAPA NV		REV: 07/08/10 ID1: H-000542 ID2: STATUS: INVESTIGATION PHONE:	
CONTACT: SOURCE: NV DOC			
<u>NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION</u>			
:			
Date Release Reported to NDEP:		6/12/1992	
Date of Closure:			
Regulatory Type of Closure:			
Type of Media Impacted:		Soil	
Description of Contaminant:		Other, Sulfuric Acid	

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

STATE

SEARCH ID: 15 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: HIGH DESERT SAND, 320 S BOULDER HIGHWAY, SUITE 106 ADDRESS: MEADOW VALLEY ROAD MOAPA NV CLARK CONTACT: SOURCE: NV DOC	REV: 07/08/10 ID1: H-000355 ID2: STATUS: CONFIRMED RELEASE PHONE:
--	--

NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION

:	<i>Release</i>
Date Release Reported to NDEP:	12/5/2005
Date of Closure:	
Regulatory Type of Closure:	
Type of Media Impacted:	<i>Soil</i>
Description of Contaminant:	<i>Diesel, Diesel spills around transfer site with old mining operations.</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

STATE

SEARCH ID: 14 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: GEORGIA PACIFIC GYPSUM CORPORATION
ADDRESS: UNKNOWN
MOAPA NV 89025

REV: 07/06/00
ID1: H-001232
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION

Discrete Releases at Facility:

Date Release Reported to NDEP: 08/08/1997
Type of Media Impacted: Soil
Description of Contaminant: Diesel

Date of Last Action:
Last Action Agency Memo:

Date of Next Action:
Next Action Memo:
Date of Closure: 12/08/1997
Regulatory Type of Closure:

RESPONSIBLE PARTY INFORMATION (if available)

Responsible Party Name:
Responsible Party Company:
Responsible Party Address:

AGENCY TRACKING INFORMATION

NDEP Case Officer: bpohlman
Location of Paper File: NDEP: Las Vegas
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: 3/5/1998
Last NDEP User to Modify a Discrete Activity: KFLEMING

NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION

Discrete Releases at Facility:

Date Release Reported to NDEP: 08/05/2004
Type of Media Impacted: Soil and GW
Description of Contaminant: Other 50 gal. of an alcohol ethoxy sulfate

Date of Last Action:
Last Action Agency Memo:

Date of Next Action:
Next Action Memo:
Date of Closure: 10/13/2004
Regulatory Type of Closure: NAC 445A A-K

RESPONSIBLE PARTY INFORMATION (if available)

Responsible Party Name:
Responsible Party Company:
Responsible Party Address:

AGENCY TRACKING INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

STATE

SEARCH ID: 14 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: GEORGIA PACIFIC GYPSUM CORPORATION
ADDRESS: UNKNOWN
MOAPA NV 89025

REV: 07/06/00
ID1: H-001232
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

NDEP Case Officer: *bkottler*
Location of Paper File: *NDEP: Carson City*
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: *3/5/1998*
Last NDEP User to Modify a Discrete Activity: *KFLEMING*

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 13 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: UNION PACIFIC RAILROAD ADDRESS: UNKNOWN MOAPA NV CLARK CONTACT: UNKNOWN SOURCE: NRC	REV: 12/31/05 ID1: NRC-774640 ID2: STATUS: RAILROAD NON-RELEASE PHONE:
--	---

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 10/1/2005 2:16:22 PM	10/1/2005 2:14:33 PM	DATE COMPLETE:
CALL TAKER:	REC7955 CALL TYPE:	INC

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

RESPONSIBLE COMPANY:
ORGANIZATION TYPE: UNKNOWN

ADDRESS:
XX

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: THE CALLER IS REPORTING THE DISCOVERY OF A DEAD BODY ALONG THE RAIL TRACKS. NO TRAINS WERE INVOLVED.

INCIDENT TYPE: RAILROAD NON-RELEASE	INCIDENT CAUSE: UNKNOWN
INCIDENT DATE: 10/1/2005 12:58:00 PM	INCIDENT DATE DESC:

DISCOVERED

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

AIRCRAFT TYPE:	AIRCRAFT MODEL:
AIRCRAFT ID:	AIRCRAFT FUEL CAPACITY:
AIRCRAFT FUEL CAPACITY UNITS:	AIRCRAFT FUEL ON BOARD:
AIRCRAFT FUEL ON BOARD UNITS:	AIRCRAFT SPOT NUMBER:
AIRCRAFT HANGER:	AIRCRAFT RUNWAY NUM:
ROAD MILE MARKER:	BUILDING ID:
TYPE OF FIXED OBJECT:	POWER GEN FACILITY: U
GENERATING CAPACITY:	TYPE OF FUEL:
NPDES:	NPDES COMPLIANCE: U
PIPELINE TYPE:	DOT REGULATED: U
PIPELINE ABOVE GROUND: ABOVE	EXPOSED UNDERWATER: N
PIPELINE COVERED: U	GRADE CROSSING: N
LOCATION SUBDIVISION: CALIENTE	RAILROAD MILEPOST: 364
TYPE VEHICLE INVOLVED:	CROSSING DEVICE TYPE:
DEVICE OPERATIONAL: Y	

DOT CROSSING NUMBER:	BRAKE FAILURE: N
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- Continued on next page -

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

Site Details Page - 8

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 13 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: UNION PACIFIC RAILROAD	REV: 12/31/05
ADDRESS: UNKNOWN	ID1: NRC-774640
MOAPA NV	ID2:
CLARK	STATUS: RAILROAD NON-RELEASE
CONTACT: UNKNOWN	PHONE:
SOURCE: NRC	

COMMUNITY IMPACT:	N	WIND SPEED UNITS:
EMPLOYEE INJURIES:		PASSENGER INJURIES:
OCCUPANT FATALITY:		CURRENT SPEED UNITS:
ROAD CLOSURE UNITS:		TRACK CLOSURE UNITS:
SHEEN SIZE UNITS:		STATE AGENCY NOTIFIED:
FED AGENCY NOTIFIED:		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: NONE

MATERIAL INFORMATION

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

TRAIN NAME/NUMBER:	N/A	RAILROAD NAME:	UNION PACIFIC RAILROAD
TRAIN TYPE:	UNKNOWN	TRACK SPEED:	
TRAIN SPEED:		TRAIN DIRECTION:	
NUMBER OF LOCOMOTIVES:		NUMBER OF CARS:	
NUMBER DERAILED:		NON COMPLIANCE WITH HAZMAT:	N

VESSEL INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 12 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: NEVADA POWER CO.
ADDRESS: REID-GARDNER POWER PLANT
MOAPA NV

REV: 10/2/1992
ID1: 297742
ID2:
STATUS: PIPELINE RELATED
PHONE:

CONTACT:
SOURCE: EPA

SPILL INFORMATION

DATE OF SPILL: 10/2/1992 **TIME OF SPILL:** 1030

PRODUCT RELEASED (1): OILS,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:	NO
WATER:	YES	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:	NO
UNKNOWN:	YES		

ACTIONS TAKEN: CONTAM SOIL EXCAV. TO BE TAKEN TO ENVIRONMENTAL TECHNOLOGIES, LAS VEGAS.

RELEASE DETECTION: ABOVE GROUND TANK. 2 ASTS IN SERIES, BLOCKED VENT IN FIRST TANK CAUSED OVERFILLING AND SPILLAGE.

MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 297742
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: NEVADA POWER CO.
ADDRESS: REID-GARDNER POWER PLANT
MOAPA NV

DUN and BRADSTREET :

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

STATE

SEARCH ID: 19 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: SANDERS CONSTRUCTION SPILL
ADDRESS: INTERSTATE 15 MILE MARKER 105
MOAPA NV
CLARK
CONTACT:
SOURCE: NV DOC

REV: 07/30/04
ID1: H-000208
ID2:
STATUS: CLOSED
PHONE:

NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION

Discrete Releases at Facility:

Date Release Reported to NDEP: 09/16/2003
Type of Media Impacted: Soil
Description of Contaminant: Other Ammonium Nitrate and Diesel Fuel

Date of Last Action:

Last Action Agency Memo:

Date of Next Action:

Next Action Memo:

Date of Closure: 10/05/2005
Regulatory Type of Closure: Clean w/ Remed

RESPONSIBLE PARTY INFORMATION (if available)

Responsible Party Name: Reid White
Responsible Party Company: Sanders Construction, Inc.
Responsible Party Address: Post Office Box 92707 Henderson NV 89009

AGENCY TRACKING INFORMATION

NDEP Case Officer: jsawyer
Location of Paper File: NDEP: Carson City
Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conducting Cleanup: 702-563-0600
Name of Certified Manager Conducting Cleanup: Kirk J. Stowers
Address of Certified Manager Conducting Cleanup: 8 West Pacific Avenue Henderson, NV 890150
Last Modification of the Discrete Activity: 10/28/2003
Last NDEP User to Modify a Discrete Activity: lpeterso

Environmental FirstSearch

Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 10 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: MM 397 ADDRESS: UNKNOWN MOAPA NV CLARK CONTACT: UNKNOWN SOURCE: NRC	REV: 12/31/05 ID1: NRC-746934 ID2: STATUS: RAILROAD PHONE:
--	---

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED:	1/12/2005 12:41:28 PM	DATE COMPLETE:
1/12/2005 12:53:34 PM		
CALL TAKER:	NXR7436	CALL TYPE: INC

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

RESPONSIBLE COMPANY:
ORGANIZATION TYPE: UNKNOWN

ADDRESS:
 XX

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER STATED THAT A TRAIN WAS PARKED DUE TO BAD WEATHER CONDITIONS WHEN 15 FREIGHT CARS WERE DERAILED AND WASHED AWAY DUE TO A MUD SLIDE.

INCIDENT TYPE:	RAILROAD	INCIDENT CAUSE:	NATURAL PHENOMENON
INCIDENT DATE:	1/12/2005 11:30:00 AM	INCIDENT DATE DESC:	

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

AIRCRAFT TYPE: AIRCRAFT ID: AIRCRAFT FUEL CAPACITY UNITS: AIRCRAFT FUEL ON BOARD UNITS: AIRCRAFT HANGER: ROAD MILE MARKER: TYPE OF FIXED OBJECT: GENERATING CAPACITY: NPDES: PIPELINE TYPE: PIPELINE ABOVE GROUND: ABOVE PIPELINE COVERED: U LOCATION SUBDIVISION: CALIENTE TYPE VEHICLE INVOLVED: DEVICE OPERATIONAL: Y	AIRCRAFT MODEL: AIRCRAFT FUEL CAPACITY: AIRCRAFT FUEL ON BOARD: AIRCRAFT SPOT NUMBER: AIRCRAFT RUNWAY NUM: BUILDING ID: POWER GEN FACILITY: U TYPE OF FUEL: NPDES COMPLIANCE: U DOT REGULATED: U EXPOSED UNDERWATER: N GRADE CROSSING: N RAILROAD MILEPOST: 397 CROSSING DEVICE TYPE: BRAKE FAILURE: N
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DOT CROSSING NUMBER: **BRAKE FAILURE:** N

- Continued on next page -

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

Site Details Page - 13

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 10 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: MM 397 ADDRESS: UNKNOWN MOAPA NV CLARK CONTACT: UNKNOWN SOURCE: NRC	REV: 12/31/05 ID1: NRC-746934 ID2: STATUS: RAILROAD PHONE:
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COMMUNITY IMPACT: EMPLOYEE INJURIES: OCCUPANT FATALITY: ROAD CLOSURE UNITS: SHEEN SIZE UNITS: FED AGENCY NOTIFIED: SHEEN SIZE LENGTH: SHEEN SIZE WIDTH: OFFSHORE: RELEASE RATE UNIT:	 N N	WIND SPEED UNITS: MPH PASSENGER INJURIES: CURRENT SPEED UNITS: TRACK CLOSURE UNITS: STATE AGENCY NOTIFIED: LEPC AND SERC,OES NEAREST RIVER MILE MARK: SHEEN SIZE LENGTH UNITS: SHEEN SIZE WIDTH UNITS: DURATION UNIT: RELEASE RATE RATE:
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ADDITIONAL INFO: CALLER STATED THAT UNTIL FURTHER INVESTIGATION CAN BE MADE, HE BELIEVED THAT THE FREIGHT CARS WERE EMPTY.

MATERIAL INFORMATION

CHRIS CODE: UN NUMBER:	OUN	CASE NUMBER: 000000-00-0 REACHED WATER: UNKNOWN
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NAME OF MATERIAL: AMOUNT OF MATERIAL: AMOUNT IN WATER:	UNKNOWN OIL 0 UNKNOWN AMOUNT 0 UNKNOWN AMOUNT
---	---

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

TRAIN NAME/NUMBER: TRAIN TYPE: TRAIN SPEED: NUMBER OF LOCOMOTIVES: NUMBER DERAILED:	MWCOGX-7 FREIGHT 4 15	RAILROAD NAME: UNION PACIFIC RAILROAD TRACK SPEED: TRAIN DIRECTION: E NUMBER OF CARS: 55 NON COMPLIANCE WITH HAZMAT: N
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VESSEL INFORMATION

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

SWL			
SEARCH ID: 20	DIST/DIR: NON GC	ELEVATION:	MAP ID:
NAME: MOAPA/GLENDALE LANDFILL ADDRESS: UNKNOWN MOAPA NV CONTACT: SOURCE: NV DOC	REV: 06/27/02 ID1: 17 ID2: STATUS: CLOSED PHONE:		
 Permitted Facility: No Class: II Status: Closed Owner Type: Government Contact: Clark Co. Health Dist., Glenn Savage, 383-1274; BLM 647-5000 Operator: Rate In Tons Per Day: Date Closed (only provided if actually closed): 10/9/93 Population: 0 Legal Description: T14S R66E Sec.19 SWSE			

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 8 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: MICRON MINING COMPANY	REV: 5/1/90 0:0
ADDRESS: END OF DIRT ROAD NEXT TO RAILROAD TRACKS. 10 MILES MOAPA NV	ID1: 172763
	ID2:
CONTACT:	STATUS: FIXED FACILITY
SOURCE: EPA	PHONE:

SPILL INFORMATION

DATE OF SPILL: 5/1/1990 **TIME OF SPILL:** 0000

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:		GROUND

CAUSE OF RELEASE

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

ACTIONS TAKEN: CALLER ESTIMATES THE QUANTITY IS IN EXCESS OF 10,000 GALS NONE.

RELEASE DETECTION: TANK FARM / STORAGE TANKS DETERIORATED.

MISC. NOTES: CALLER DIDN T HAVE AN EXACT DATE AND TIME OF THE INCIDENT, JUST THAT IT HAD OCCURRED
APPROX. 3 MONTHS AGO.

DISCHARGER INFORMATION

DISCHARGER ID: 172763	DUN and BRADSTREET :
TYPE OF DISCHARGER: PRIVATE ENTERPRISE	
NAME OF DISCHARGER: MICRON MINING COMPANY	
ADDRESS: WILSHIRE BLVD.	
BEVERLY HILLS CA	

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

RCRANLR

SEARCH ID: 7	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: MOAPA BAND OF PAIUTES
ADDRESS: 1 LINCOLN ST
MOAPA NV 89025

REV: 11/10/10
ID1: NVR000001198
ID2:
STATUS: NLR
PHONE:

CONTACT:
SOURCE: EPA

SITE INFORMATION

CONTACT INFORMATION: ROGER KNUDSON
PO BOX 340
MOAPA NV 89025

PHONE: 7028652787

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

RCRANLR

SEARCH ID: 6	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: GARNET VALLEY PROJECT N C A 1

ADDRESS: APEX RD 11401 U S 91 93

LAS VEGAS NV 89025

CLARK

CONTACT:

SOURCE: EPA

REV: 8/8/01

ID1: NVD986773539

ID2:

STATUS: NLR

PHONE:

SITE INFORMATION

UNIVERSE NAME:

NO LONGER REGULATED

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

RCRANLR

SEARCH ID: 5	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: AMER TELE and TELE CO ARROW CANYON
ADDRESS: 12.4 MI SW OF MOAPA
MOAPA NV 89025

REV: 11/10/10
ID1: NVD980736466
ID2:
STATUS: NLR
PHONE:

CONTACT:
SOURCE: EPA

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
12.4 MI SW OF MOAPA
MOAPA NV 89025

PHONE: 4154422137

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

RCRAGN

SEARCH ID: 4 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: ASHLAND INC.
ADDRESS: 201 N MEADOW VALLEY RD
MOAPA NV 89025

REV: 11/10/10
ID1: NVR000002170
ID2:
STATUS: LGN
PHONE:

CONTACT:
SOURCE: EPA

SITE INFORMATION

CONTACT INFORMATION: TERRI FAIR
5200 BLAZER PKWY
DUBLIN OH 43017

PHONE: 6147903826

CONTACT INFORMATION: STEVE DOWLER
201 NORTH MEADOW VALLEY RD
GLENDALE NV 89025

PHONE: 7028642100

CONTACT INFORMATION: STEVE DOWLER
201 N MEADOW VALLEY RD
MOAPA NV 89025

PHONE: 702-864-2100

UNIVERSE INFORMATION:

NAIC INFORMATION

326191 - PLASTICS PLUMBING FIXTURE MANUFACTURING

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Corrosive waste

The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, b

Ignitable waste

The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane

Environmental FirstSearch **Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

NFRAP

SEARCH ID: 3 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: NEVADA POWER STATION/REID GARDNER STATIO
ADDRESS: NE OF HWY 15, ACROSS MOAPA INDIAN RESER.
MOAPA NV 89025

REV: 11/30/10
ID1: NVD093065852
ID2: 0904466
STATUS: NFRAP-NFRAP-N
PHONE:

CONTACT:
SOURCE: EPA

DESCRIPTION:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		1/23/1996
DISCOVERY	EPA Fund-Financed		4/15/1992
PRELIMINARY ASSESSMENT HIGHER PRIORITY FOR FURTHER ASSESSMENT	State, Fund Financed		10/22/1993
SITE INSPECTION NFRAP: NO FURTHER REMEDIAL ACTION PLANNED	State, Fund Financed	/1-94-7/15	9/28/1995

CERCLIS

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

NAME: MOAPA PESTICIDES EMERGENCY RESPONSE
ADDRESS: MOAPA RIVER INDIAN RESERVATION,
MOAPA, NV

REV: 11/30/10
ID1: NVN000908771
ID2: 0908771
STATUS: NOT PROPOSED
PHONE: 13002167

CONTACT: 13002167
SOURCE: EPA

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
removal Cleaned up	EPA Fund-Financed Primary	6/16/2009	6/16/2009

DESCRIPTION:

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 11 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: NEV POWER CO.
ADDRESS: REID-GARDNER POWER PLANT
MOAPA NV

REV: 10/5/92
ID1: 297750
ID2:
STATUS: FP
PHONE:

CONTACT:
SOURCE: EPA

SPILL INFORMATION

DATE OF SPILL: 10/5/1992 **TIME OF SPILL:** 0930

PRODUCT RELEASED (1): SCRUBBER EFFLUENT
QUANTITY (1): 60
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:		MUDDY RIVER.	

SPILL INFORMATION

DATE OF SPILL: 10/5/1992 **TIME OF SPILL:** 0930

PRODUCT RELEASED (1): SCRUBBER EFFLUENT
QUANTITY (1): 60
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:		MUDDY RIVER.	

CAUSE OF RELEASE

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

ACTIONS TAKEN: PIPELINE REPAIRED.
RELEASE DETECTION: LINE LEAK. LINE LEAK.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

ERNS

SEARCH ID: 11 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: NEV POWER CO. ADDRESS: REID-GARDNER POWER PLANT MOAPA NV	REV: 10/5/92 ID1: 297750 ID2: STATUS: FP PHONE:
CONTACT: SOURCE: EPA	

MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 297750 TYPE OF DISCHARGER: PRIVATE ENTERPRISE NAME OF DISCHARGER: NEV POWER CO. ADDRESS: REID-GARDNER POWER PLANT MOAPA NV	DUN and BRADSTREET :
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CAUSE OF RELEASE

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

ACTIONS TAKEN: PIPELINE REPAIRED.
RELEASE DETECTION: LINE LEAK. LINE LEAK.
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 297750 TYPE OF DISCHARGER: PRIVATE ENTERPRISE NAME OF DISCHARGER: NEV POWER CO. ADDRESS: REID-GARDNER POWER PLANT MOAPA NV	DUN and BRADSTREET :
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Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 28 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: MOAPA DEVELOPERS INC
ADDRESS: 1501 HIGHWAY 168
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000499
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID: 1
DATE INSTALLED: 6/1/1986
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 1500

TANK MATERIAL: Epoxy Coated Steel
SUBSTANCE DESCRIPTION: Used Oil
PIPE MATERIAL: Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 2
DATE INSTALLED: 6/1/1986
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 20000

TANK MATERIAL: Epoxy Coated Steel
SUBSTANCE DESCRIPTION: Diesel
PIPE MATERIAL: Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 3
DATE INSTALLED: 6/1/1986
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 10000

TANK MATERIAL: Composite (Steel w/ FRP)
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Not Listed

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 28	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: MOAPA DEVELOPERS INC
ADDRESS: 1501 HIGHWAY 168
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000499
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

PIPE MODIFICATION DESCRIPTION:
None

TANK ID:	4
DATE INSTALLED:	6/1/1986
FEDERALLY REGULATED TANK? YES OR NO:	Yes
AST? YES OR NO:	No
TANK STATUS:	Permanently Out of Use
TANK CAPACITY:	12000

TANK MATERIAL:	Composite (Steel w/ FRP)
SUBSTANCE DESCRIPTION:	Diesel
PIPE MATERIAL:	Not Listed

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID:	5
DATE INSTALLED:	6/1/1986
FEDERALLY REGULATED TANK? YES OR NO:	Yes
AST? YES OR NO:	No
TANK STATUS:	Permanently Out of Use
TANK CAPACITY:	1500

TANK MATERIAL:	Epoxy Coated Steel
SUBSTANCE DESCRIPTION:	Gasoline
PIPE MATERIAL:	Galvanized Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

LUST

SEARCH ID: 37 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: WISER CONSTRUCTION
ADDRESS: 1501 HIGHWAY 168
MOAPA NV 89025

REV: 04/30/05
ID1: 8-000499
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

RELEASE INFORMATION

Date Release Reported to NDEP:

Type of Event: Closed
Type of Media Impacted: Not Reported
Substance Released: Not Reported

CLOSED CASE INFORMATION

Closure Date: 03/07/1997

Closure Type:

AGENCY TRACKING INFORMATION

Program:

NDEP Case Officer: CCHD
Location of Paper File: CCHD: Las Vegas

LUST

SEARCH ID: 36 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: ONE STOP HARDWRE/PIONEER MARKET
ADDRESS: 1701 HIGHWAY 168
MOAPA NV 89025

REV: 04/30/05
ID1: 8-000975
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

RELEASE INFORMATION

Date Release Reported to NDEP:

Type of Event: Closed
Type of Media Impacted: None
Substance Released: Not Reported

CLOSED CASE INFORMATION

Closure Date: 11/10/1997

Closure Type:

AGENCY TRACKING INFORMATION

Program:

NDEP Case Officer: Iertler
Location of Paper File: NDEP: Las Vegas

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

LUST

SEARCH ID: 35 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: MOAPA STATION
ADDRESS: MILEPOST 383.1
MOAPA NV 89025

REV: 07/06/00
ID1: 8-000714
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

RELEASE INFORMATION

Date Release Reported to NDEP: 01/08/2007
Type of Event: Closed
Type of Media Impacted: Soil
Substance Released: Diesel

CLOSED CASE INFORMATION

Closure Date: 01/31/2007
Closure Type: Clean Close

AGENCY TRACKING INFORMATION

Program: Mobile Source
NDEP Case Officer: ljohnson
Location of Paper File: NDEP: Carson City

LUST

SEARCH ID: 34 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: FARRIER STATION
ADDRESS: MILEPOST 393.0
MOAPA NV 89025

REV: 04/30/05
ID1: 8-000713
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

RELEASE INFORMATION

Date Release Reported to NDEP:
Type of Event: Closed
Type of Media Impacted: No Impact/Clean Close
Substance Released: Not Reported

CLOSED CASE INFORMATION

Closure Date: 02/16/1990
Closure Type: Clean Close

AGENCY TRACKING INFORMATION

Program:
NDEP Case Officer: jconners
Location of Paper File: NDEP: Carson City

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

LUST

SEARCH ID: 33	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: DRY LAKE
ADDRESS: MILEPOST 363.2
MOAPA NV 89025

REV: 04/30/05
ID1: 8-000712
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

RELEASE INFORMATION

Date Release Reported to NDEP:

Type of Event:

Closed

Type of Media Impacted:

Soil

Substance Released:

Not Reported

CLOSED CASE INFORMATION

Closure Date:

02/16/1990

Closure Type:

AGENCY TRACKING INFORMATION

Program:

NDEP Case Officer:

jconners

Location of Paper File:

NDEP: Carson City

RELEASE INFORMATION

Date Release Reported to NDEP:

01/10/1990

Type of Event:

Closed

Type of Media Impacted:

Not Reported

Substance Released:

Not Reported

CLOSED CASE INFORMATION

Closure Date:

10/09/1991

Closure Type:

AGENCY TRACKING INFORMATION

Program:

NDEP Case Officer:

CCHD

Location of Paper File:

CCHD: Las Vegas

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

LUST

SEARCH ID: 32	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: ARROWHEAD SERVICE
ADDRESS: INTERSTATE 15 EXIT 91
GLENDALE NV 89025

REV: 04/30/05
ID1: 8-001373

ID2:
STATUS: CLOSED

PHONE:

CONTACT:
SOURCE: NV DOC

RELEASE INFORMATION

Date Release Reported to NDEP:

04/08/2003

Type of Event:

Closed

Type of Media Impacted:

Soil

Substance Released:

Gasoline

CLOSED CASE INFORMATION

Closure Date:

06/18/2003

Closure Type:

Clean w/ Remed

AGENCY TRACKING INFORMATION

Program:

NDEP Case Officer:

bkottler

Location of Paper File:

NDEP: Carson City

RELEASE INFORMATION

Date Release Reported to NDEP:

Closed

Type of Event:

Not Reported

Type of Media Impacted:

Not Reported

Substance Released:

CLOSED CASE INFORMATION

Closure Date:

08/02/1993

Closure Type:

Clean Close

AGENCY TRACKING INFORMATION

Program:

NDEP Case Officer:

CCHD

Location of Paper File:

CCHD: Las Vegas

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 31	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: SAME AS 8-000975
ADDRESS: PO BOX 609
MOAPA NV 89025

REV: 01/07/11
ID1: 8-001325
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID:
DATE INSTALLED:
TANK STATUS: NOT REPORTED
TANK CAPACITY:

TANK MATERIAL:
SUBSTANCE DESCRIPTION:
PIPE MATERIAL:

TANK MODIFICATIONS DESCRIPTION:

PIPE MODIFICATION DESCRIPTION:

OWNER:	VERNON ASHCRAFT / ONE STOP
OWNER ADDRESS:	PO BOX 609
	MOAPA NV 89025
OWNER DESCRIPTION:	Private

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

STATE

SEARCH ID: 18 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: RINKER MATERIALS MOBILE SOURCE
ADDRESS: MEADOW VALLEY ROAD
MOAPA NV
CLARK
CONTACT:
SOURCE: NV DOC

REV: 01/25/06
ID1: H-000336
ID2:
STATUS: CLOSED
PHONE:

NEVADA STATE CORRECTIVE ACTIONS RELEASE INFORMATION

Discrete Releases at Facility:

Date Release Reported to NDEP: 06/24/2005
Type of Media Impacted: Soil
Description of Contaminant: Diesel

Date of Last Action:

Last Action Agency Memo:

Date of Next Action:

Next Action Memo:

Date of Closure: 09/19/2005
Regulatory Type of Closure: Clean w/ Remed

RESPONSIBLE PARTY INFORMATION (if available)

Responsible Party Name:

Responsible Party Company:

Responsible Party Address:

AGENCY TRACKING INFORMATION

NDEP Case Officer:

ematus

Location of Paper File:

NDEP: Carson City

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:

Last NDEP User to Modify a Discrete Activity:

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 29	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: MOAPA STATION-MILEPOST 383 1
ADDRESS: MILEPOST 383.1
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000714
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID:	1
DATE INSTALLED:	4/28/1976
FEDERALLY REGULATED TANK? YES OR NO:	Yes
AST? YES OR NO:	No
TANK STATUS:	Permanently Out of Use
TANK CAPACITY:	500

TANK MATERIAL:	Asphalt Coated or Bare Steel
SUBSTANCE DESCRIPTION:	Gasoline
PIPE MATERIAL:	Unknown

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID:	2
DATE INSTALLED:	4/29/1971
FEDERALLY REGULATED TANK? YES OR NO:	Yes
AST? YES OR NO:	No
TANK STATUS:	Permanently Out of Use
TANK CAPACITY:	500

TANK MATERIAL:	Asphalt Coated or Bare Steel
SUBSTANCE DESCRIPTION:	Gasoline
PIPE MATERIAL:	Unknown

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

TRIBALLAND

SEARCH ID: 38	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION ADDRESS: UNKNOWN NV 89025 CLARK CONTACT: SOURCE: BIA	REV: 01/15/08 ID1: BIA-89025 ID2: STATUS: PHONE:
--	---

BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION

OFFICE:	Western Regional Office
CONTACT:	BRYAN BOWKER, REGIONAL DIRECTOR
ADDRESS:	PO Box 10 Phoenix AZ 85001
PHONE:	Phone: 602-379-6600
FAX:	Fax: 602-379-4413

The Native American Consultation Database (NACD) is a tool for identifying consultation contacts for Indian tribes, Alaska Native villages and corporations, and Native Hawaiian organizations. The database is not a comprehensive source of information, but it does provide a starting point for the consultation process by identifying tribal leaders and NAGPRA contacts. This database can be accessed online at the following web address
<http://home.nps.gov/nacd/>

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 27	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: FARRIER STATION-MILEPOST 393 0
ADDRESS: MILEPOST 393.0
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000713
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID:	<i>1</i>
DATE INSTALLED:	<i>4/28/1976</i>
FEDERALLY REGULATED TANK? YES OR NO:	<i>Yes</i>
AST? YES OR NO:	<i>No</i>
TANK STATUS:	<i>Permanently Out of Use</i>
TANK CAPACITY:	<i>800</i>
TANK MATERIAL:	<i>Asphalt Coated or Bare Steel</i>
SUBSTANCE DESCRIPTION:	<i>Gasoline</i>
PIPE MATERIAL:	<i>Unknown</i>

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 26 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: DRY LAKE-MILEPOST 363 2
ADDRESS: MILEPOST 363.2
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000712
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID: 1
DATE INSTALLED:
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 1000

TANK MATERIAL: Fiberglass Reinforced Plastic
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Unknown

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 2
DATE INSTALLED:
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 500

TANK MATERIAL: Asphalt Coated or Bare Steel
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Unknown

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST																	
SEARCH ID: 25	DIST/DIR: NON GC	ELEVATION:	MAP ID:														
NAME: AT and T ARROW CANYON ADDRESS: UNKNOWN MOAPA NV 89025 CLARK CONTACT: SOURCE: NV DOC/EPA		REV: 07/23/04 ID1: EPA9_MOAP001 ID2: STATUS: OPERATING PHONE:															
<u>UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 9 INDIAN LANDS UNDERGROUND STORAGE TANKS LIST INFORMATION</u> According to the US EPA REGION 9 the following information is current as of 07/23/04 <table style="width: 100%;"><tr><td style="width: 40%;">Facility ID Number:</td><td>MOAP001</td></tr><tr><td>Facility Status:</td><td>Operating</td></tr><tr><td>Number of Tanks :</td><td>1</td></tr><tr><td>Tank Detail:</td><td>: Permanently Out of Use 02/24/93 Tank removed from ground Gasoline;</td></tr><tr><td>Last Inspection Date:</td><td></td></tr><tr><td>Lust Status (if applicable):</td><td></td></tr><tr><td>Owner Name:</td><td>BUREAU OF LAND MANAGEMENT</td></tr></table>				Facility ID Number:	MOAP001	Facility Status:	Operating	Number of Tanks :	1	Tank Detail:	: Permanently Out of Use 02/24/93 Tank removed from ground Gasoline;	Last Inspection Date:		Lust Status (if applicable):		Owner Name:	BUREAU OF LAND MANAGEMENT
Facility ID Number:	MOAP001																
Facility Status:	Operating																
Number of Tanks :	1																
Tank Detail:	: Permanently Out of Use 02/24/93 Tank removed from ground Gasoline;																
Last Inspection Date:																	
Lust Status (if applicable):																	
Owner Name:	BUREAU OF LAND MANAGEMENT																

Environmental FirstSearch
Site Detail Report

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 24 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: ARROWHEAD SERVICE - CLOSED
ADDRESS: I-15 EXIT 91
MOAPA NV 89025

REV: 01/07/11
ID1: 8-001373
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID: 1
DATE INSTALLED: 6/1/1981
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 10000

TANK MATERIAL: Cathodically Protected Steel
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Fiberglass Reinforced Plastic

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 2
DATE INSTALLED: 6/1/1976
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 9500

TANK MATERIAL: Composite (Steel w/ FRP)
SUBSTANCE DESCRIPTION: Diesel
PIPE MATERIAL: Fiberglass Reinforced Plastic

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: 3
DATE INSTALLED: 6/1/1976
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 9500

TANK MATERIAL: Composite (Steel w/ FRP)
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Fiberglass Reinforced Plastic

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 24	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: ARROWHEAD SERVICE - CLOSED
ADDRESS: I-15 EXIT 91
MOAPA NV 89025

REV: 01/07/11
ID1: 8-001373
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch **Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

SWL

SEARCH ID: 23 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: NPC/REID GARDNER SANITARY LANDFILL
ADDRESS: P.O. BOX 230 MS 54
MOAPA NV

REV: 06/27/02
ID1: 22

ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: NV DOC

Permitted Facility: No
Class: II
Status: Closed
Owner Type: Private
Contact: NV Power, James Carlson 367-5641
Operator:
Rate In Tons Per Day:
Date Closed (only provided if actually closed): 10/9/93
Population: 797000
Legal Description: T14S R66E Sec 5and6

SWL

SEARCH ID: 22 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: NPC/REID GARDNER FLYASH DISPOSAL
ADDRESS: P.O. BOX 230 MS 54
MOAPA NV

REV: 01/19/11
ID1: 21
ID2:
STATUS: OPERATING - PERMITTED
PHONE:

CONTACT:
SOURCE: NV DEP

Facility Type: Class III
Status: Operating - Permitted
Organization Name: Nevada Power Company
Contact: James Carlson
Operator Address: PO Box 230 MS 54, Las Vegas NEVADA 89151
Legal Description:

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

SWL

SEARCH ID: 21	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: NPC/REID GARDNER ASBESTOS SITE
ADDRESS: P.O. BOX 230 MS 54
MOAPA NV

REV: 06/27/02
ID1: 20
ID2:
STATUS: OPEN/C PERMIT
PHONE:

CONTACT:
SOURCE: NV DOC

Permitted Facility:	<i>Yes</i>
Class:	<i>III</i>
Status:	<i>Open/C permit</i>
Owner Type:	<i>Private</i>
Contact:	<i>Nevada Power Co, (702) 367-5641</i>
Operator:	
Rate In Tons Per Day:	
Date Closed (only provided if actually closed):	
Population:	<i>0</i>
Legal Description:	<i>T14S R66E Sec 5and6</i>

**Environmental FirstSearch
Site Detail Report**

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 30 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: ONE STOP MARKET-CLOSED
ADDRESS: 1701 SR HWY 16, 3758 MAHALD CIRCLE
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000975
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

TANK ID: 1
DATE INSTALLED: 1/4/1987
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 10000

TANK MATERIAL: Fiberglass Reinforced Plastic
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Bare Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Cathodically Protected

TANK ID: 2
DATE INSTALLED: 1/4/1986
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 5000

TANK MATERIAL: Cathodically Protected Steel
SUBSTANCE DESCRIPTION: Gasoline
PIPE MATERIAL: Bare Steel

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Cathodically Protected

TANK ID: 3
DATE INSTALLED: 1/4/1987
FEDERALLY REGULATED TANK? YES OR NO: Yes
AST? YES OR NO: No
TANK STATUS: Permanently Out of Use
TANK CAPACITY: 2000

TANK MATERIAL: Fiberglass Reinforced Plastic
SUBSTANCE DESCRIPTION: Diesel
PIPE MATERIAL: Bare Steel

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MOAPA PAIUTE FARM SMALL GREENHOUSE **JOB:** 117225.01
MOAPA NV 89025

UST

SEARCH ID: 30	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: ONE STOP MARKET-CLOSED
ADDRESS: 1701 SR HWY 16, 3758 MAHALD CIRCLE
MOAPA NV 89025

REV: 01/07/11
ID1: 8-000975
ID2:
STATUS: REGISTERED UST
PHONE:

CONTACT:
SOURCE: NV DOC

PIPE MODIFICATION DESCRIPTION:
Cathodically Protected

TANK ID:	4
DATE INSTALLED:	1/1/1971
FEDERALLY REGULATED TANK? YES OR NO:	Yes
AST? YES OR NO:	No
TANK STATUS:	Permanently Out of Use
TANK CAPACITY:	500

TANK MATERIAL:	Asphalt Coated or Bare Steel
SUBSTANCE DESCRIPTION:	Unknown
PIPE MATERIAL:	Not Listed

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

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/MA DEP/CT DEP 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.

CONNECTICUT HAZARDOUS WASTE MANIFEST - Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR - database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

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.

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.
BUREAU OF INDIAN AFFAIRS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

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 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 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 is located in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

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.

Federal Wells: USGS UNITED STATES GROUND-WATER SITES INVENTORY - Database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States.

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.

Coal Gasification: PROPRIETARY COAL GASIFICATION - database of sites that have been involved in coal gasification.

OIL & GAS WELLS: CNR Listing of completions, pluggings and permits. Data is obtained only from digital data provided by the Nevada Commission on Natural Resources - Division of Minerals.

FI Map Coverage: PROPRIETARY FIRE INSURANCE MAP AVAILABILITY - Database of historical fire insurance map availability.

Meth Labs: US DOJ NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPA/MA DEP/CT DEP Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

RCRA NLR: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency

Updated annually

Tribal Lands: DOI/BIA United States Department of the Interior

Updated annually

State/Tribal Sites: NV DOC The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated quarterly/when available

State/Tribal SWL: NV DOC The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated annually/when available

State/Tribal LUST: NV DOC The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
Washoe County Department of Environmental Health

Updated quarterly/when available

State/Tribal 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

State/Tribal Brownfields: NV DOC/EPA The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670

Updated when available

Federal Wells: USGS United States Geological Survey.

Updated annually

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

Coal Gasification: PROPRIETARY Library of Congress
Catalogue of Maps Published by Sanborn Mapping and Geographic Information Service in February 1988

Updated when available

OIL & GAS WELLS: CNR Nevada Commission on Natural Resources - Division of Minerals

Updated semi-annually

FI Map Coverage: PROPRIETARY Library of Congress
Catalogue of Maps Published by Sanborn Mapping and Geographic Information Service in February 1988®
ProQuest
Other internally produced datasets

Updated quarterly

Meth Labs: *US DOJ* U.S. Department of Justice

Updated when available



HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

03-07-11

117225.01

MOAPA PAIUTE FARM SMALL GREENHOUSE

MOAPA NV 89025

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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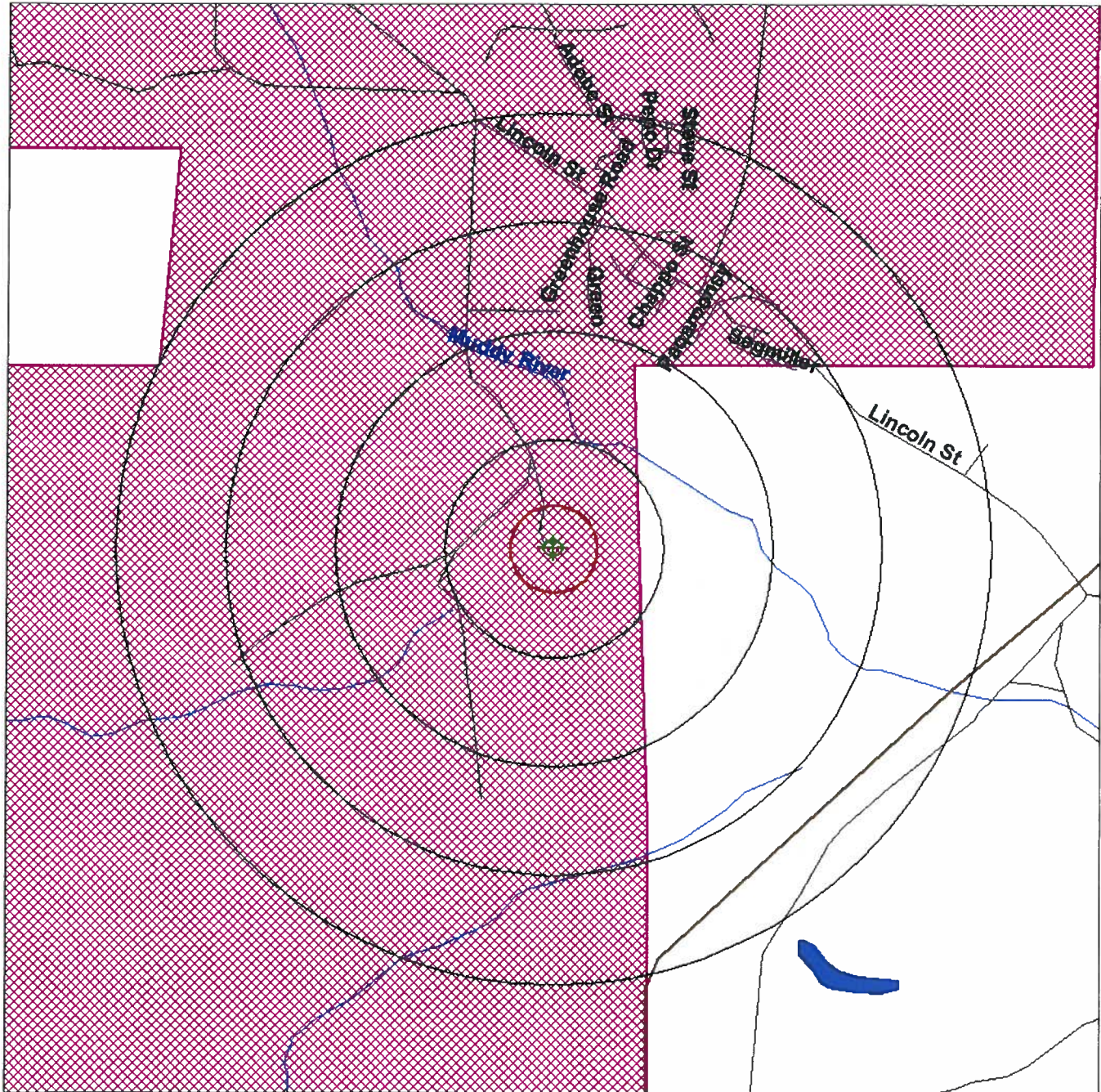


Environmental FirstSearch

1 Mile Radius
Single Map:



MOAPA PAIUTE FARM SMALL GREENHOUSE, MOAPA NV 89025



Source: U.S. Census TIGER Files

Target Site (Latitude: 36.661053 Longitude: -114.65889)
 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



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas

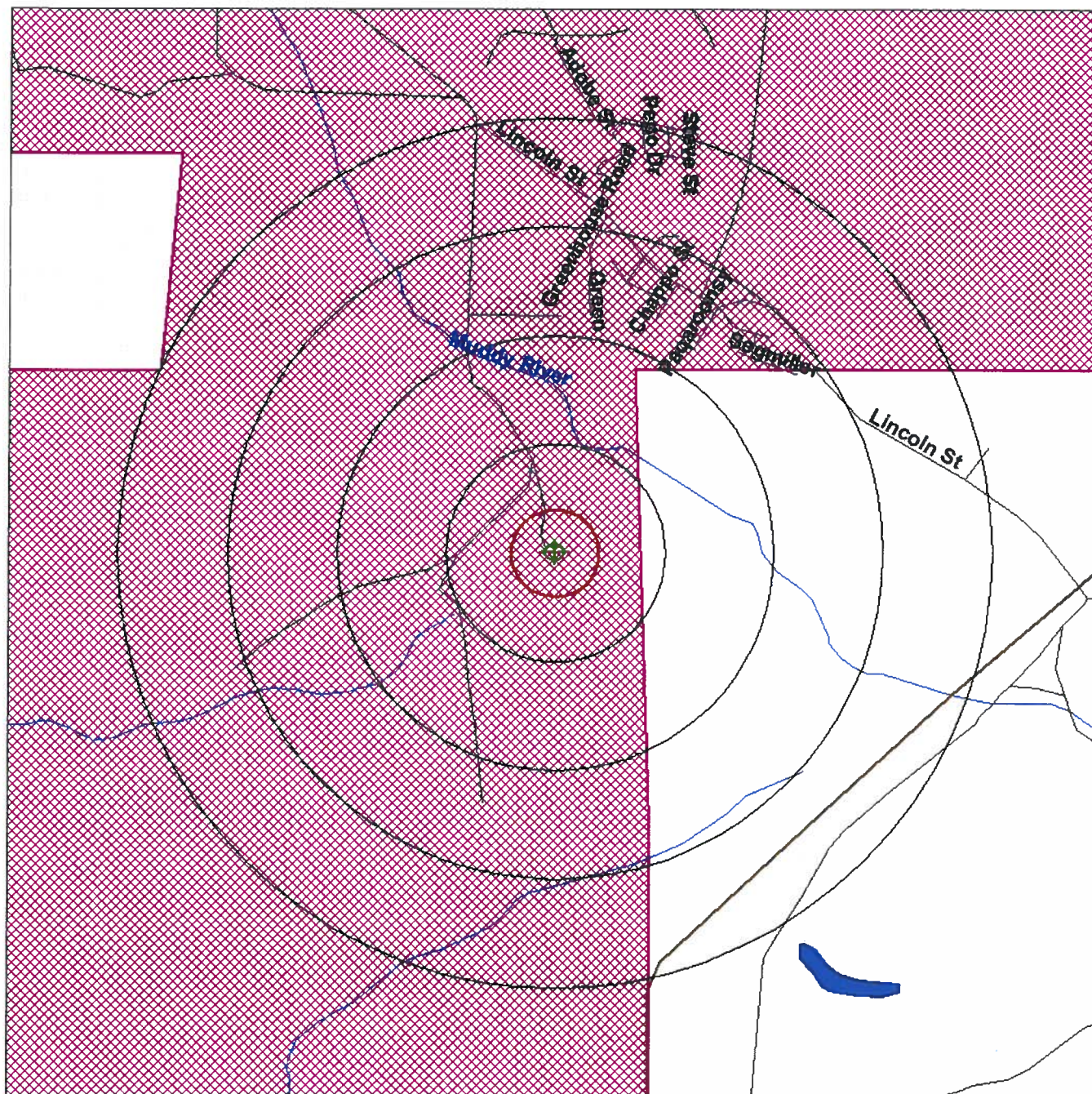
Federal Wells

Coal Gasification

Oil Gas Wells



MOAPA PAIUTE FARM SMALL GREENHOUSE, MOAPA NV 89025



Source: U.S. Census TIGER Files

Target Site (Latitude: 36.661053 Longitude: -114.65889)

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



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas

Federal Wells

Coal Gasification

Oil & Gas Wells.....



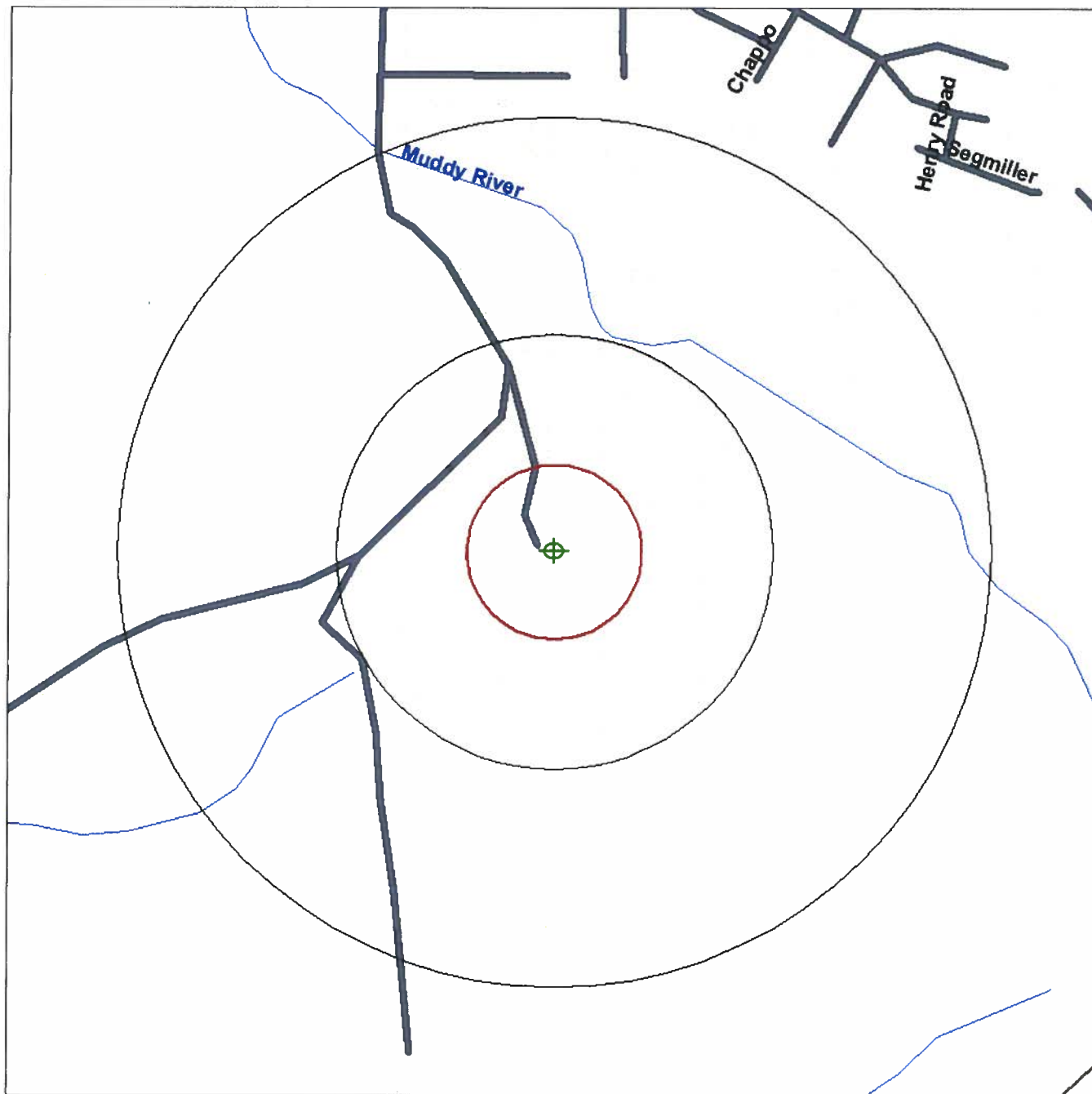


Environmental FirstSearch

.5 Mile Radius
AAI: Multiple Databases



MOAPA PAIUTE FARM SMALL GREENHOUSE, MOAPA NV 89025



Source: U.S. Census TIGER Files

Target Site (Latitude: 36.661053 Longitude: -114.65889)
 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



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas

Federal Wells

Coal Gasification

Oil Gas Wells.....

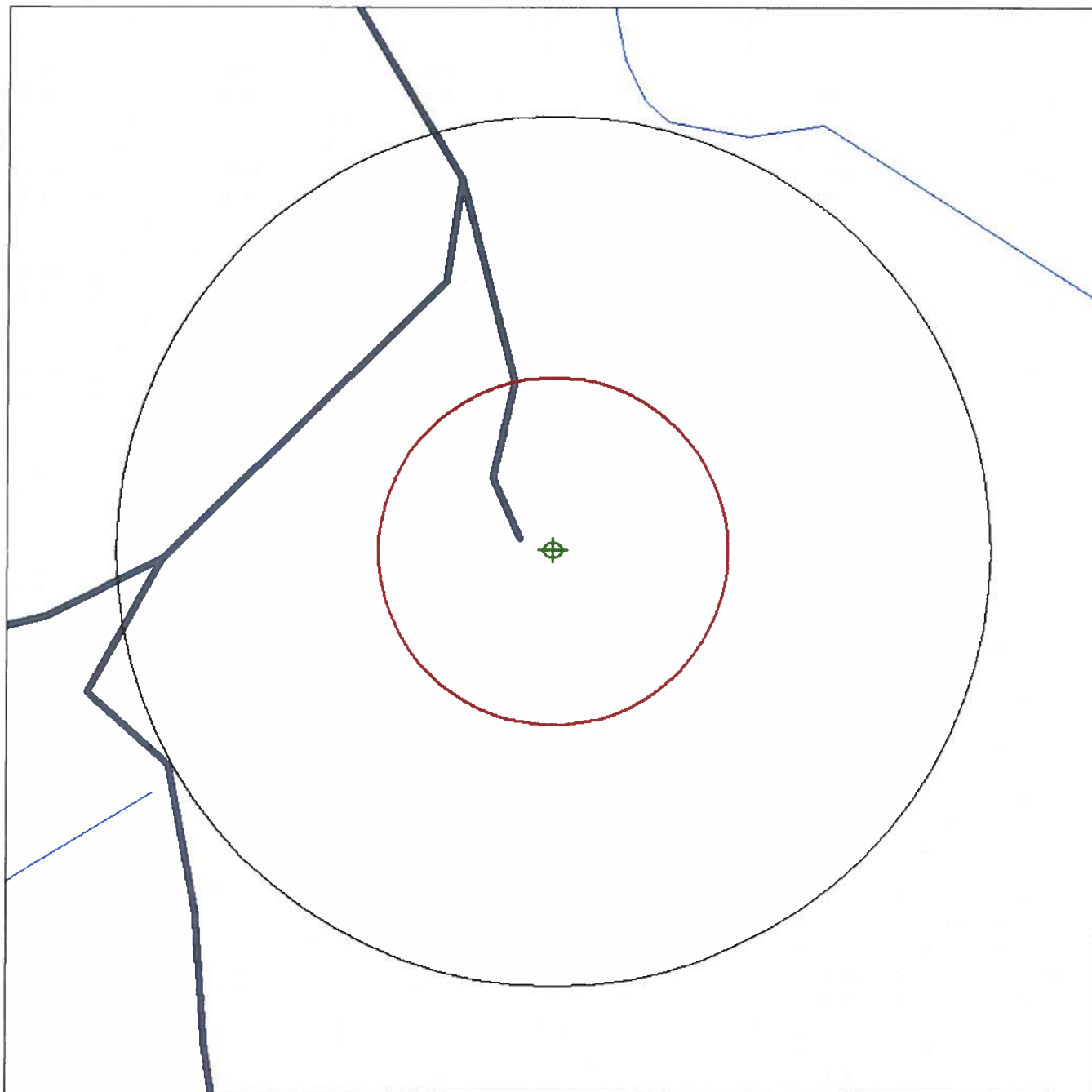




Environmental FirstSearch
.25 Mile Radius
AAI: RCRA GEN, UST, DRYCLEANERS, MINES



MOAPA PAIUTE FARM SMALL GREENHOUSE, MOAPA NV 89025



Source: U.S. Census TIGER Files

Target Site (Latitude: 36.661053 Longitude: -114.65889)

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



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas

Federal Wells

Coal Gasification

Mines Wells



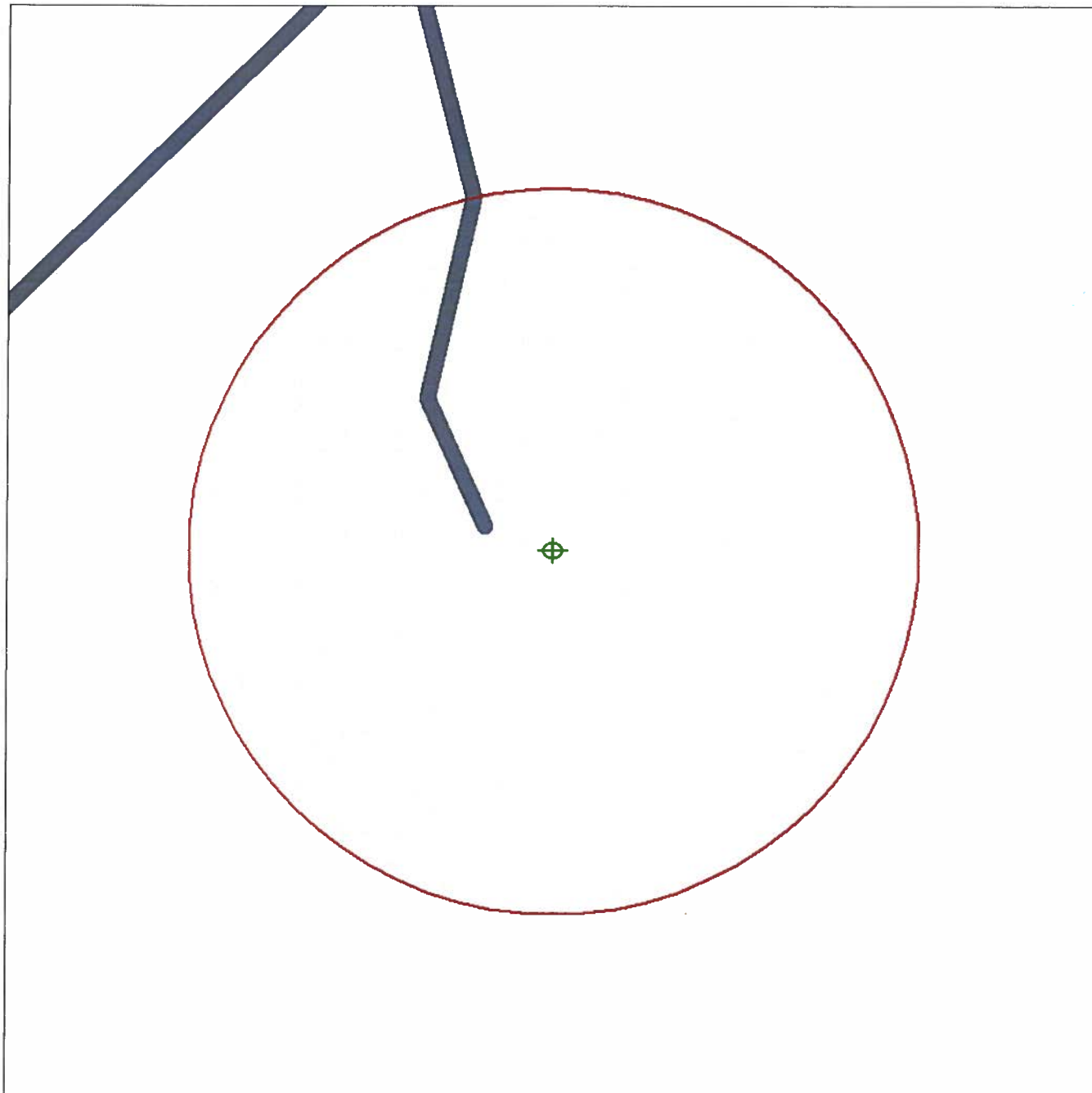


Environmental FirstSearch

.12 Mile Radius
AAI: Multiple Databases



MOAPA PAIUTE FARM SMALL GREENHOUSE, MOAPA NV 89025



Source: U.S. Census TIGER Files

Target Site (Latitude: 36.661053 Longitude: -114.65889)

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



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas

Federal Wells

Coal Gasification

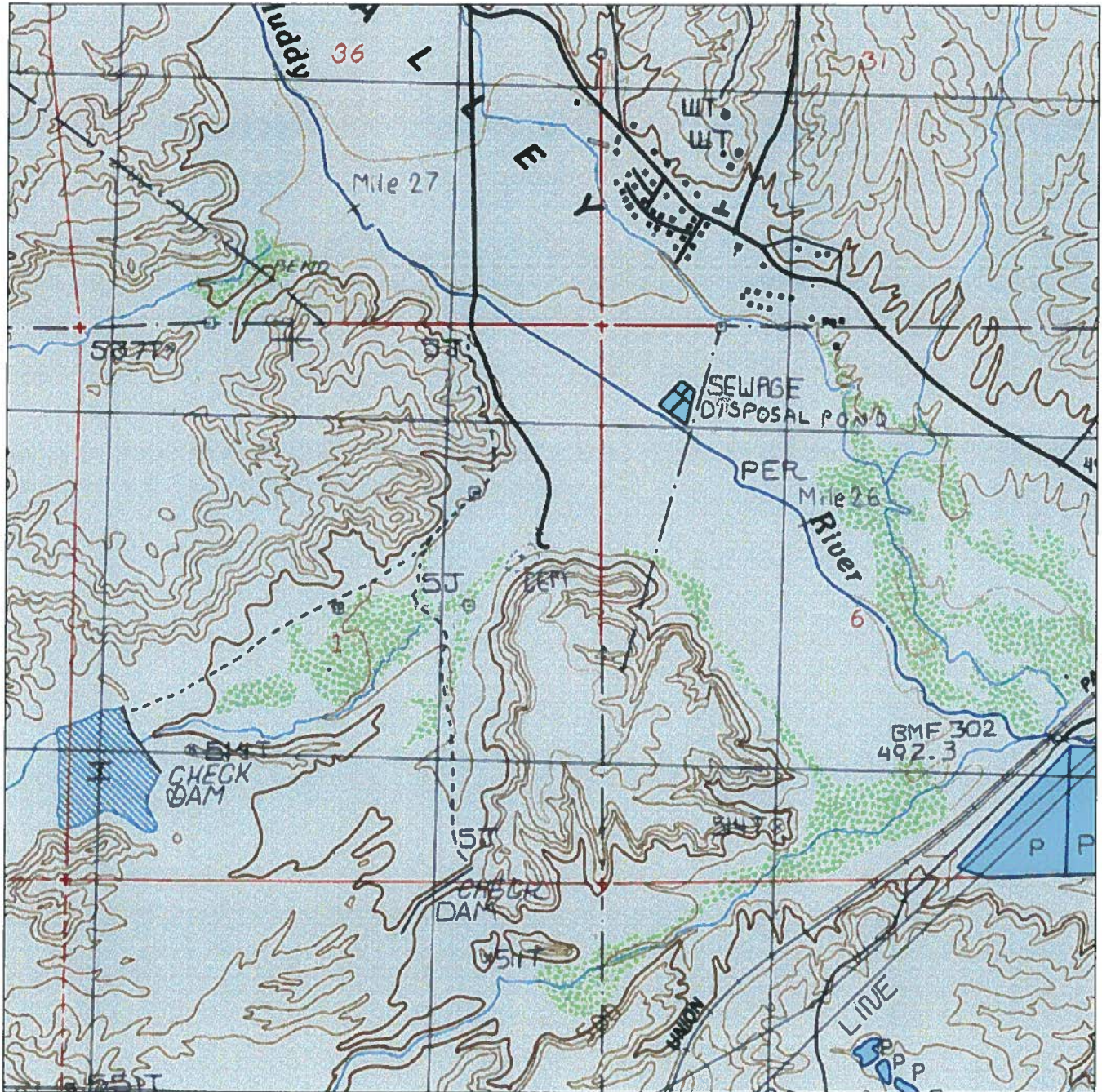
Mineral Wells



Site Location Map

Topo : 1 Mile Radius

MOAPA PAIUTE FARM SMALL GREENHOUSE, MOAPA NV 89025



SOURCE: SCANNED USGS TOPOGRAPHIC QUADRANGLES
SCANNED BY MAPTECH AND USGS
DISTRIBUTED AUGUST, 2005.

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

0 660 1,320 2,640 3,960 5,280 Feet



Data Supplied by:



Prepared by FirstSearch Technology Corporation 03-04-11

JOB NO.
117225.01

Map Name: MOAPA WEST
Map Reference Code: 36114-F6-TM-024

Date Created: 1983
Contour Interval: 10 meters

Date Revised: None
Elevation: 1601

FIGURE NO.
1

APPENDIX C

USER QUESTIONNAIRE
INTERVIEW QUESTIONNAIRES

USER QUESTIONNAIRE

Project Location/Address:

GREENHOUSE, MITA RIVER
INDIAN RESERVATION

Note: In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*")² the User must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

(1.) Environmental cleanup liens that are filed or recorded against the site (40CFR312.25). Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

Yes
☐

No
☒

Unknown
☐

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40CFR312.26).

Are you aware of any AULs,³ such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes
☐

No
☒

Unknown
☐

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40CFR312.28).

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes
☐

No
☒

Unknown
☐

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40CFR312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes
☐

No
☐

Unknown
☒ N/A

(5.) Commonly known or reasonably ascertainable information about the property (40CFR312.30).

(a.) Do you know the past uses of the property?

Yes
☒

No
☐

Unknown
☐

(b.) Do you know of specific chemicals that are present or once were present at the property?

☐

☒

☐

(c.) Do you know of spills or other chemical releases that have taken place at the property?

☐

☒

☐

(d.) Do you know of any environmental cleanups that have taken place at the property?

☐

☒

☐

(6.) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40CFR312.31).

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes
☐

No
☒

Unknown
☐

USER QUESTIONNAIRE (Continued)

In addition to the above 6 required questions, the following additional information is intended to assist the environmental professional but is not necessarily required to qualify for one of the LLPs:

- (a) The reason why the Phase I is required, ESTIMATE WORKS FOR CLEANUP
- (b) The type of property and type of property transaction, for example, sale, purchase, exchange, etc., CLEAN UP EVALUATION
- (c) The complete and correct address for the property (a map or other documentation showing property location and boundaries is helpful), END OF LINCOLN RD
- (d) The scope of services desired for the Phase I (including whether any parties to the property transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E1527 are to be considered), NDEP CONTRACT
- (e) Identification of all parties who will rely on the Phase I report, MOAPA BAND OF PAIUTES
334 M.P. FARM
- (f) Identification of the site contact and how the contact can be reached, LINRA DONAHUE P.O. BOX 340, MOAPA, NV 702-864-0440
- (g) Any special terms and conditions which must be agreed upon by the environmental professional, and NDEP CONTRACT
- (h) Any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition). NO RECORDS!

User Name/Company: MOAPA PAIUTE FARM

Address: 12 LINCOLN ST. STE A, P.O. BOX 340, MOAPA, NV

Signature: [Signature] Date: 3/3/11

¹Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide) issued on March 6, 2003.

²P.L. 107-118.

³Activity and Use Limitations.

APPENDIX D
HISTORICAL RESEARCH
DOCUMENTATION

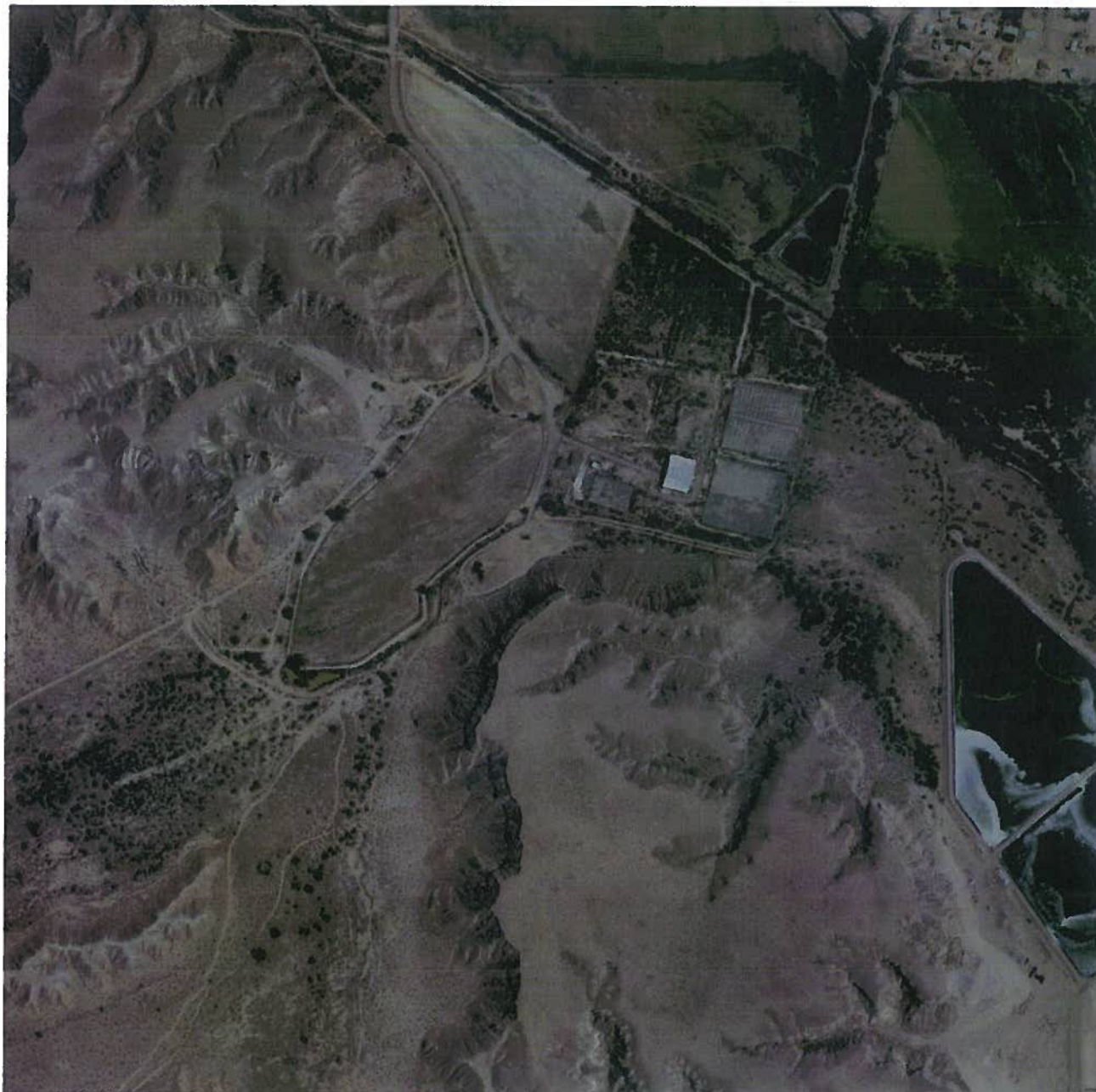


Environmental FirstSearch

Historical Aerial Photo

2006

, MOAPA NV 89025



Job Number: 117225_01

Target Site: (Latitude: 36.661053, Longitude: -114.658890)

Approximate Scale: 1 inch equals 750 feet



Environmental FirstSearch

Historical Aerial Photo

1994

, MOAPA NV 89025



Job Number: 117225_01
Target Site: (Latitude: 36.661053, Longitude: -114.658890)

Approximate Scale: 1 inch equals 750 feet



Environmental FirstSearch

Historical Aerial Photo

1978

, MOAPA NV 89025



Job Number: 117225_01

Target Site: (Latitude: 36.661053, Longitude: -114.658890)

Approximate Scale: 1 inch equals 750 feet

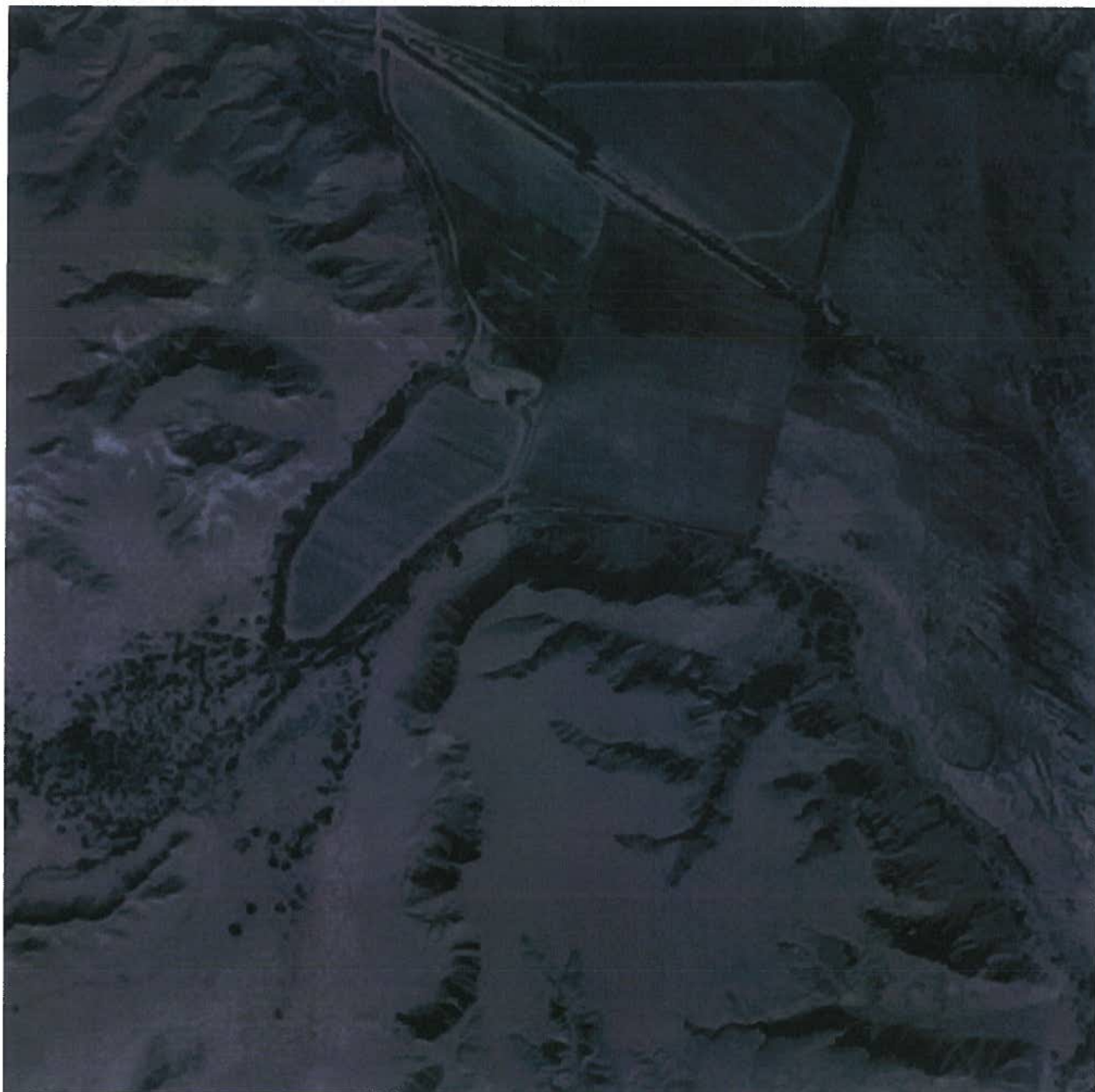


Environmental FirstSearch

Historical Aerial Photo

1967

, MOAPA NV 89025



Job Number: 117225_01

Target Site: (Latitude: 36.661053, Longitude: -114.658890)

Approximate Scale: 1 inch equals 750 feet

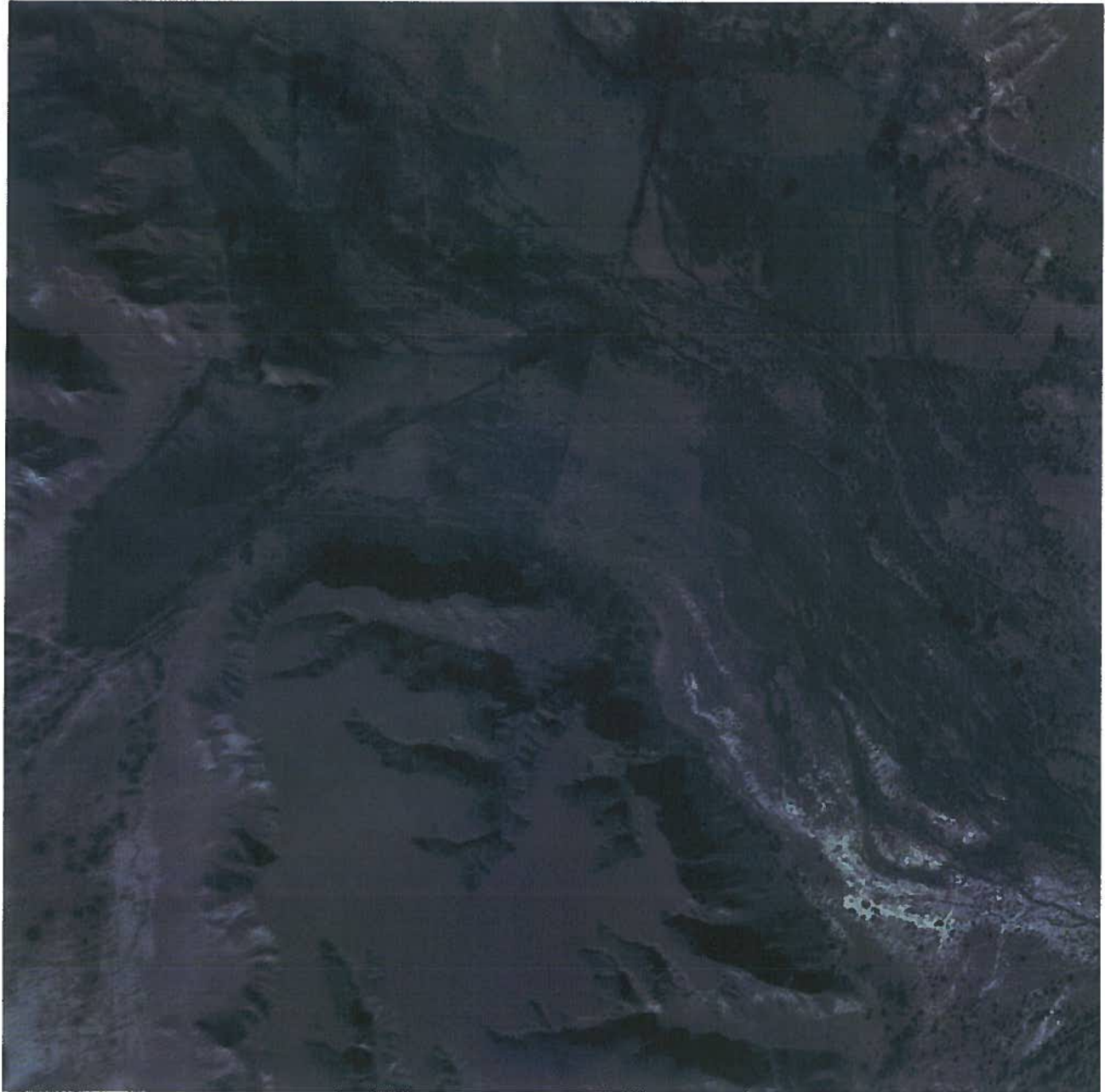


Environmental FirstSearch

Historical Aerial Photo

1938

, MOAPA NV 89025



Job Number: 117225_01

Target Site: (Latitude: 36.661053, Longitude: -114.658890)

Approximate Scale: 1 inch equals 750 feet



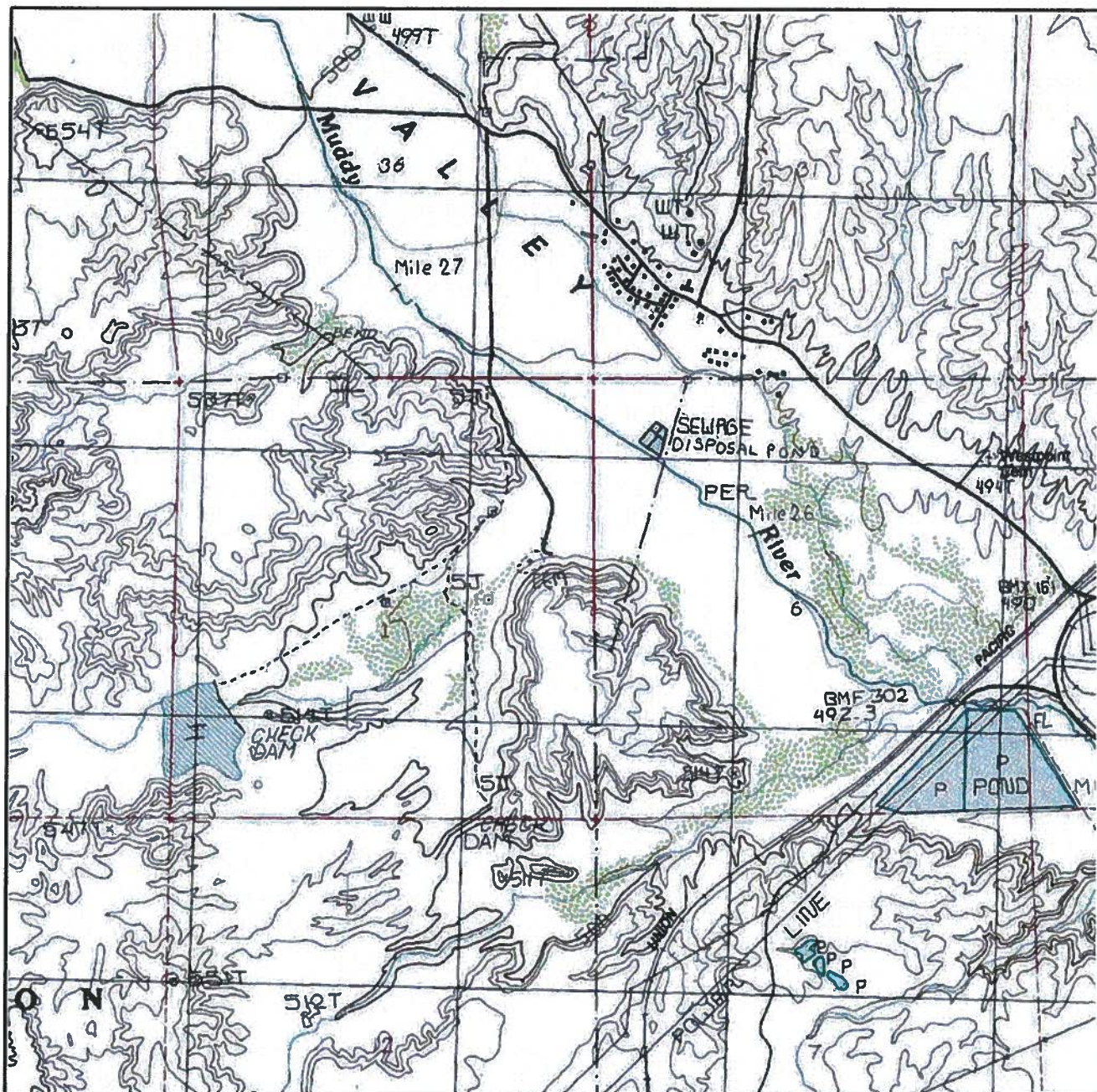
Environmental FirstSearch

Historical Topographic Map

Quad Name: Moapa West, NV
Year: 1983 Original Map Scale: 1:24,000



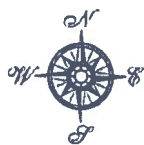
Moapa, NV



Job Number: 117225.01
Target Site: 36.661053, -114.65889

0 miles 0.5 1

Building	---■---	Railroad	—+—
Topo Contour	—6000—	Tanks	●●●●
Depression	○	Primary Highway	—
Quarry or Open Pit Mine	×	Trail	---



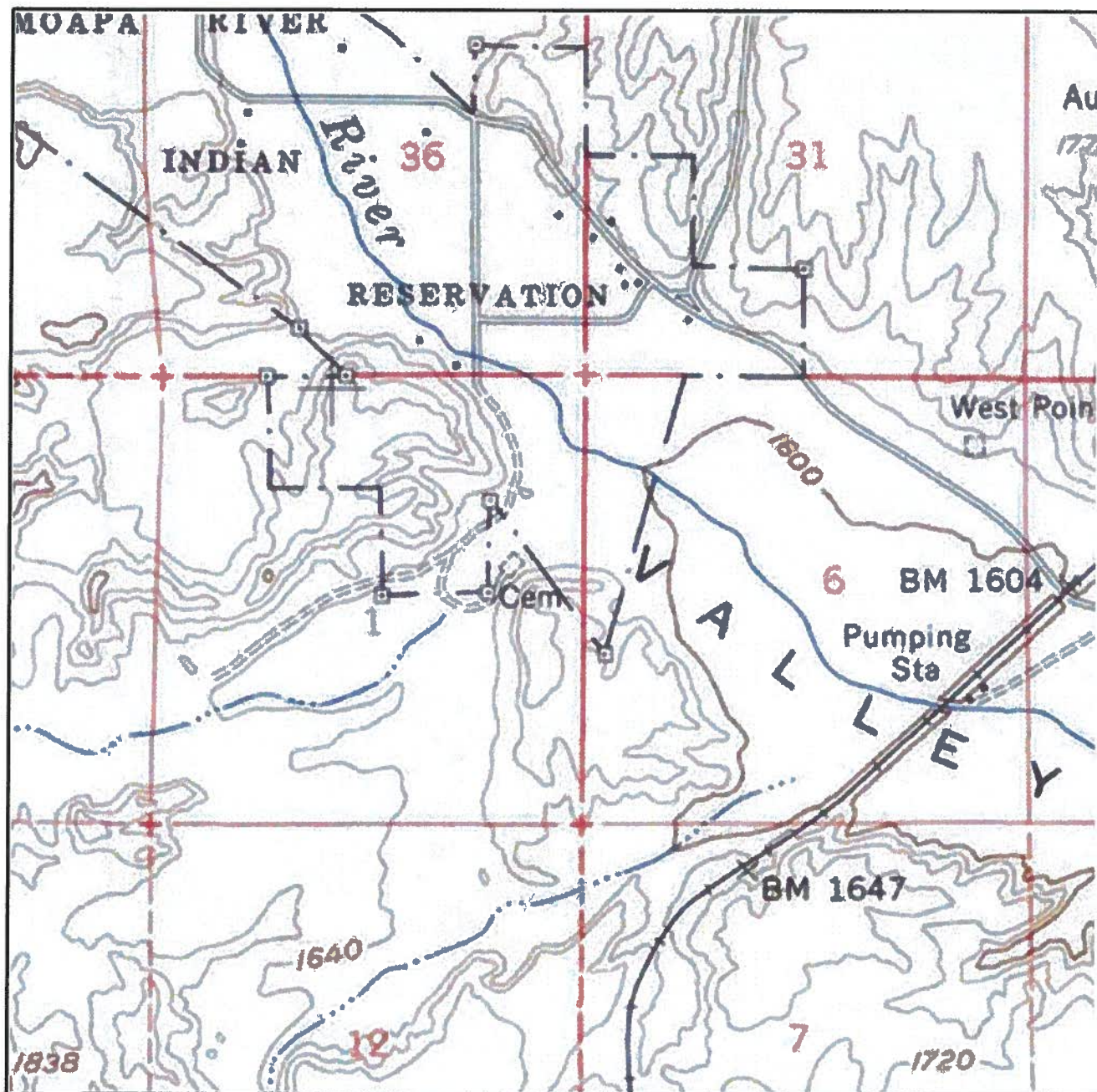
Environmental FirstSearch

Historical Topographic Map

Quad Name: Moapa West, NV
Year: 1965 Original Map Scale: 1:62,500



Moapa, NV



Job Number: 117225.01
Target Site: 36.661053, -114.65889

0 miles 0.5 1

Building	---■---	Railroad	—+—
Topo Contour	—6000—	Tanks	●●●
Depression	—()—	Primary Highway	—+—
Quarry or Open Pit Mine	×	Trail	---+---