

# CONVERSE CONSULTANTS

## Phase I Environmental Site Assessment Report

**Lovelock Industrial Park**  
American Boulevard  
Parcel 007-241-81  
Pershing County, Nevada



**January 16, 2020**  
**Converse Project No. 19-23216-01**

**Prepared For:**

**Western Nevada Development District**  
**1000 North Division Street, Suite 102 B**  
**Carson City, NV 89703**

**Prepared By:**

**Converse Consultants**  
**1020 South Rock Boulevard**  
**Suite A**  
**Reno, Nevada 89502**





# Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

January 16, 2020

Western Nevada Development District  
1000 North Division Street, Ste. 102 B  
Carson City, NV 89703

**Attn:** Ms. Sheryl Gonzales

**Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**  
Lovelock Industrial Park  
American Boulevard, Parcel 007-241-81  
Pershing County, Nevada  
Converse Project No. 19-23216-01

Dear Ms. Gonzales:

Converse Consultants is pleased to submit the attached report that summarizes the activities and results of a Phase I Environmental Site Assessment that was conducted at the referenced property.

A summary of the assessment is presented in the Executive Summary, as well as in Sections 7.0, 8.0, and 9.0 of the report.

We appreciate the opportunity to be of service. Should you have any questions or comments regarding this report, please contact the undersigned at 775-856-3833.

## CONVERSE CONSULTANTS

Connor Welsh  
Project Manager

Philip Childers, CEM  
Senior Environmental Manger

Dist.: 2/Addressee and 1 copy via Electronic Mail (PDF Format)]

# Table of Contents

---

	<u>Page</u>
<b>Table of Contents</b>	
Executive Summary .....	iii
1.0 Introduction .....	1
1.1 Purpose and Scope of Services .....	1
1.2 Non-Scope Considerations .....	1
1.3 Significant Assumptions .....	2
1.4 Limitations and Exceptions .....	2
1.5 Special Terms and Conditions .....	2
1.6 Reliance .....	2
2.0 Property Description .....	3
2.1 Current Use(s) of the Property .....	3
2.2 Location and Legal Description .....	3
2.3 Zoning Information .....	3
2.4 Property Characteristics & Structures .....	4
3.0 User/Owner Provided Information & Responsibilities .....	4
3.1 Requested Documents and Information .....	4
3.2 User Provided Information .....	5
3.2.1 Environmental Cleanup Liens .....	5
3.2.2 Activity and Use Limitations .....	5
3.2.3 Specialized Knowledge or Experience .....	5
3.2.4 Reason for Significantly Lower Purchase Price .....	5
3.2.5 Commonly Known or Reasonably Ascertainable Information .....	6
3.2.6 Obviousness of Contamination .....	6
3.3 Continuing Obligations .....	6
4.0 Records Review .....	7
4.1 Physical Setting .....	7
4.1.1 Physical Setting .....	7
4.1.2 Geology .....	7
4.1.3 Groundwater .....	7
4.1.4 Potable Water Supplier .....	7
4.2 Historical Review .....	8



4.2.1	Aerial Photograph, Fire Insurance Maps, and Topographic Map Review.....	8
4.2.2	Permit Review.....	8
4.2.3	City Directories.....	9
4.2.4	Data Failure.....	9
4.2.5	Summary of Historical Property Use.....	9
4.2.6	Summary of Past Uses of Adjoining Properties.....	9
4.2.7	Summary of Past Uses of the Surrounding Area.....	9
4.3	Results of Environmental Records Sources Review.....	9
4.3.1	Property Listings.....	9
4.3.2	Adjoining Property Locations of Concern.....	10
4.3.3	Other Off-site Locations of Concern.....	10
4.3.4	Orphan Listings.....	10
4.4	Additional Environmental Record Sources.....	10
4.4.1	Federal Agencies.....	10
4.4.1.1	U.S. Department of Transportation, Pipeline and Hazardous Material Safety Administration (PHMSA).....	10
4.4.2	State Agencies.....	11
4.4.3	Local Agencies.....	11
4.5	Vapor Encroachment.....	11
5.0	Property Reconnaissance .....	12
5.1	Methodology .....	12
5.2	Limiting Conditions.....	12
5.3	Interior Observations of Property .....	12
5.4	Exterior Observations of Property .....	12
5.5	Current Uses of Adjoining Properties.....	14
5.6	Current Uses of Surrounding Area .....	14
6.0	Interviews.....	14
6.1	Property Owner.....	14
6.2	Tenant/Occupant.....	14
6.3	State or Local Government Officials.....	14
6.4	Previous Owner Interview.....	15
7.0	Findings & Opinions .....	15
8.0	Conclusions and Recommendations .....	16



9.0 Deviations..... 16

10.0 Additional Non-Scope Services..... 16

11.0 Signature of Environmental Professional ..... 17

12.0 List of Preparers ..... 18

13.0 References..... 20

APPENDICES

- Appendix A – Property Plans
- Appendix B – Pertinent Property Photographs
- Appendix C – Historical Information
- Appendix D – ERIS Database Report
- Appendix E – Additional Documentation



# Executive Summary

---

The following is an Executive Summary of the Phase I Environmental Site Assessment (Phase I ESA) that was conducted by Converse Consultants (Converse). Please refer to the appropriate sections of the report for a complete discussion of these issues. In the event of a conflict between this Executive Summary and the report, or an omission in the Executive Summary, the report shall take precedence.

This report presents the results of the Converse Phase I ESA performed at the vacant lot located on American Boulevard, Pershing County, Nevada, referred to as the “Property” in this report (see section 2.0 for a detailed description of the Property). Converse was retained by the Western Nevada Development District (WNDD) to conduct this Phase I ESA. Our study has been conducted to identify, to the extent practical within the scope of an ESA, Recognized Environmental Conditions (RECs) in connection with the Property.

Converse has compiled and reviewed information that was obtained from interviews, document research, and on-site and area reconnaissance to identify potential environmental conditions at the Property, in conformance with the ASTM Standard E: 1527-13 Environmental Site Assessment Standard Practice (ASTM Standard: E1527-13). This Phase I ESA was conducted during the period of December 3, 2019 to January 16, 2020.

## Property Description

The Property comprises one (1) rectangular-shaped parcel identified by the Pershing County Tax Assessor as Parcel ID 007-241-081, totaling 1.16 acres. The Property is located on the southeast quadrant of the intersection of Lovelock Road and American Boulevard.

According to historical sources, interviews with the Property owner representative, and site reconnaissance, the Property appears to have existed as vacant undeveloped land dating back to at least 1954.

## Site Reconnaissance

At the time of this assessment, the Property consisted of primarily undeveloped land mostly covered with native desert vegetation.

## Environmental Database Review

The Property was not listed in any Federal or State/Tribal databases.

Two (2) facilities were plotted at the northwestern adjoining intersection of Lovelock Avenue and American Boulevard. Pitt Mill Elevator Co was listed in the Federal Facility Registry Service/Facility Index (FINDS/FRS). Based on Converse’s research, the Pitt Mill Elevator Co facility is mis-plotted and is located approximately 1.5 miles to the north of the Property at 1210 Cornell Avenue in Lovelock. Additionally, Nevada Bell was listed in the FINDS/FRS and plotted at the intersection of Lovelock Avenue and American



Boulevard. Based on Converse's research, this facility is located approximately 20-miles southeast of Lovelock. Based on the distance and current regulatory status of both listings, Converse does not consider these listings to constitute a REC for the Property.

Additional off-site properties were identified in the environmental databases and reviewed. The potential for environmental concern to the Property from the remaining off-site locations identified in the environmental database appears to be low due to one or more of the following: type of regulatory listing, type of resource (soil) affected, location with respect to the direction of regional groundwater flow, distance from the Property, status of the case, and/or potential responsible parties have been identified.

### Conclusions

This assessment has revealed no evidence of *Recognized Environmental Conditions* in connection to the Property and no additional action is recommended at this time.

No significant data gaps were identified that affect the ability of the Environmental Professional (EP) to identify RECs.

There are no unusual circumstances where greater certainty is required regarding RECs.



# 1.0 Introduction

---

## 1.1 Purpose and Scope of Services

This report presents the results of the Converse Consultants (Converse) Phase I Environmental Site Assessment (ESA) performed at the Vacant Lot located at T27 R31 SEC 34, Pershing County, referred to as the “Property” in this report. Converse was retained by the Western Nevada Development District (WNDD) to conduct this Phase I ESA. Our study has been conducted to identify, to the extent practical, Recognized Environmental Conditions (RECs) in connection with the Property. The term Recognized Environmental Conditions is defined in Section 1.1.1 of the American Society of Testing and Materials (ASTM) Standard Practice *as the presence or likely presence of any hazardous substances or petroleum products in, at or on a property due to any release to the environment; under conditions indicative of a release to the environment; under conditions that pose a material threat of a future release to the environment.*

This Phase I ESA was completed in accordance with Converse’s Brownfields Grant Contract with the WNDD. Our work consisted of the following and was completed in general conformance with the scope and limitations of the ASTM Practice E1527-13 and complies with standards and practices set forth in 40 Code of Federal Regulations (CFR) Part 312 for AAI.

- Interviews with the Property owner representatives
- Property and vicinity reconnaissance
- Review of regulatory agency records
- Description of physical setting
- Historical review
- Interviews with public agency personnel
- Preparation of this report

## 1.2 Non-Scope Considerations

There are a number of non-scope issues which are sometimes assessed concurrently with a Phase I ESA. Unless specifically agreed in the contract proposal documents, these non-scope considerations are not included as part of the Phase I assessment. Examples of non-scope issues include:

- Asbestos-containing building material
- Lead-based Paint
- Wetlands
- Radon
- Lead in Drinking Water
- Regulatory Compliance





- Cultural & Historic Resources
- Industrial Hygiene
- Health & Safety
- Mold
- Diffuse Anthropogenic Pollution
- Ecological Resources
- Endangered Species
- Indoor Air Quality
- Biological Agents
- Non-liquid Polychlorinated Biphenyls

There were no non-scope items included in this assessment.

### **1.3 Significant Assumptions**

Converse made the following assumptions for this assessment:

- The Property boundaries were not marked. At the time of the site reconnaissance, the property boundaries were estimated using available resources and visual indicators. Converse presumed these boundaries to be correct.
- A number of parties such as third party vendors, government agencies, and the property owner may have provided information for this investigation. The ASTM standard allows the consultant to rely on the information gathered without independent verification, unless it is obvious that certain information is incorrect. Unless noted in the report, Converse assumed the information supplied by third parties to be correct.
- The groundwater depth and flow direction beneath the Property cannot be verified without site specific monitoring wells.

### **1.4 Limitations and Exceptions**

Observations made are limited to the time during which the Property reconnaissance was conducted on December 11, 2019.

### **1.5 Special Terms and Conditions**

No special terms or conditions were provided by the client.

### **1.6 Reliance**

This report is for the sole benefit and exclusive use of the WNDD in accordance with the Brownfields Contract under which these services have been provided. Its preparation has been in accordance with generally accepted environmental practices. No other warranty, either express or implied, is made. The Scope of Services associated with the report was designed solely in accordance with the objectives, schedule, budget, and risk-management preferences of the WNDD.

This report should not be regarded as a guarantee that no further contamination, beyond that which could be detected within the scope of this assessment, is present at the Property. Converse makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this assessment. It is not possible to absolutely confirm that no hazardous materials and/or substances exist at the Property. If none are identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the evaluation of the property at the time of the assessment. Also, events may occur after the Property visit, which may result in contamination of the Property. Additional information, which was not found or available to Converse at the time of report preparation, may result in a modification of the conclusions and recommendations presented.

Any reliance on this report by Third Parties shall be at the Third Party's sole risk. Should the WNDD wish to identify any additional relying parties not previously identified, they must contact Converse.

## **2.0 Property Description**

---

### ***2.1 Current Use(s) of the Property***

The Property is currently vacant, with no identified use or occupants, and is owned by Pershing County.

A Topographic Map and Site Vicinity Map are provided in Appendix A. Pertinent Property photographs are provided in Appendix B.

### ***2.2 Location and Legal Description***

The Property comprises one (1) rectangular-shaped parcel, totaling 1.16 acres. The Property is located on the southeast quadrant of the intersection of Lovelock Road and American Boulevard. The legal description provided by the tax assessor is as follows: *Created from split of Parcel #007-241-63, Primary new parcel is Parcel #007-241-80, remainder block 6.*

### ***2.3 Zoning Information***

According to the Pershing County Tax Assessor, the zoning for the Property is I-Public/Semi-Public Facilities and is indicated as "PSF". The land use listed for the Property is 150 – Vacant – Industrial.



## **2.4 Property Characteristics & Structures**

The Property comprises one (1) rectangular-shaped parcel, totaling 1.16 acres. The Property currently has no structures and primarily consists of vegetated land.

# **3.0 User/Owner Provided Information & Responsibilities**

---

## **3.1 Requested Documents and Information**

The ASTM E1527-13 specifies that the Property owner, key site manager and the User provide any helpful documents that may be available. Converse requested this information from the Client/User.

The following documents and information were requested from the Property owners:

- Environmental site assessment or environmental compliance audit reports
- Environmental permits or hazardous waste generator notices/reports
- Registrations for aboveground and underground storage tanks
- Septic systems, oil wells, or water wells
- Registrations for underground injection systems
- Material Safety Data Sheets; Community Right to Know Plans; Safety, Preparedness and prevention Plans; or, Spill Protection Countermeasures and Control Plans
- Reports regarding hydrologic conditions on the Property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Property or relating to environmental liens encumbering the Property.
- Hazardous waste generator notices or reports
- Geotechnical studies
- Risk assessments
- Recorded Activity Use Limitations (AULs)
- Proceedings regarding hazardous substances and petroleum products including any pending, threatened or past: litigation; administrative proceedings; or notices from any governmental entity regarding possible violations of environmental laws or other possible liability related to hazardous substances or petroleum products.

No documents were provided to Converse for review.



### **3.2 User Provided Information**

Section 6 of ASTM E1527-13 outlines specific User's responsibilities. This information will help identify the possibility of RECs in connection with the Property. The ASTM Standard provides a questionnaire to help the User to comply with the statutory requirements to perform tasks which would help identify RECs. In general, any Users should make Converse aware of information they have regarding the following:

- Environmental Cleanup Liens filed or recorded against the Property
- Activity and land use limitations that are in place on the Property or have been filed or recorded in a registry
- Specialized knowledge or experience of the person seeking to qualify for the Legal Liability Protections (LLP)
- Relationship of the purchase price to fair market value of the Property if it were not contaminated
- Commonly known or reasonably ascertainable information about the Property
- The degree or obviousness of the presence or likely presence of contamination at the Property, and the ability to detect this contamination by appropriate investigation.

The following information was requested from the User(s):

#### *3.2.1 Environmental Cleanup Liens*

No Environmental liens were identified for the Property.

#### *3.2.2 Activity and Use Limitations*

No Activity Use Limitations (AULs) were identified for the Property.

#### *3.2.3 Specialized Knowledge or Experience*

The User indicated that they had no specialized knowledge or experience with the Property.

#### *3.2.4 Reason for Significantly Lower Purchase Price*

Converse has no information regarding the purchase price of the Property or comparable properties. The User has not indicated to Converse that there is any conclusion that there was a lower purchase price because of known or suspected contamination at the Property.

### *3.2.5 Commonly Known or Reasonably Ascertainable Information*

The User did not provide any information about specific chemicals at the Property, past spills, environmental cleanup, or other reasonably ascertainable information regarding the Property.

### *3.2.6 Obviousness of Contamination*

The User did not provide any information based on their knowledge or experience that would be obvious indicators of contamination on the Property.

Unless specifically stated otherwise in the Scope of Services, the purpose of this Phase I ESA was to qualify for the landowner liability protections (LLP) to CERCLA Liability as described in ASTM E1527-13.

Business risk unrelated to the CERCLA innocent landowners defense are only assessed as specifically agreed in the Scope of Services and discussed in Section 11.0, Additional Non-Scope Services, of this report.

Converse was not provided with any previous reports for the Property.

## **3.3 Continuing Obligations**

In order to assert an LLP, the User must satisfy a number of statutory requirements that are generally referred to as Continuing Obligations, which are outside the Scope of Services of the Phase I ESA. Examples of Continuing Obligations include providing legally required notices, stopping continuing releases, and complying with land use restrictions. Failure to comply with these and other statutory post-acquisition requirements will jeopardize liability protection.

It is the responsibility of the User to comply with the Continuing Obligations requirements of ASTM E1527-13 and AAI. Anyone seeking LLP protections should take independent action beyond this Phase I ESA to perfect their position.



## 4.0 Records Review

---

### 4.1 *Physical Setting*

#### 4.1.1 *Physical Setting*

The topography of the Property slopes gently towards the south. The Property is situated at an elevation of approximately 3,970 feet above mean sea level (ERIS Physical Setting Report, December 31, 2019).

#### 4.1.2 *Geology*

Lovelock, Nevada lies in the western portion of the Basin and Range Geologic Province in an area that is surrounded for the most part by a series of smaller mountain chains and associated valleys. These ranges and basins were the result of parallel normal faults, which produced a series of horsts and grabens in the western portion of the United States. Lovelock is situated west of the Humboldt Range. The project area is composed mostly of Quaternary Lake deposits derived from both Humboldt and Toulon Lakes. These deposits are mainly fine-grained silts and clays. Near surface soils are classified as elastic silts (Tatlock, D. B., et al., 1961-1973).

According to the US Department of Agriculture (USDA) Soil Conservation Service (SCS), the Property contains Slawha silt loam. Slawha silt loam has a moderately high runoff potential when thoroughly wet. (ERIS Physical Setting Report, December 31, 2019).

#### 4.1.3 *Groundwater*

Converse reviewed well logs available on the Nevada Division of Water Resources' Nevada Hydrology Data Mapper. The well log for a domestic well installed approximately 4,150 feet northeast of the Property in 1949 indicated groundwater was first encountered at approximately 10-feet below ground surface (bgs). According to the Lovelock Meadows Water District Water Conservation Plan, groundwater in the Lovelock area is not suitable for potable consumption due to high concentrations of sulfate, nitrate, fluoride and dissolved salts.

#### 4.1.4 *Potable Water Supplier*

Potable water for the Property and surrounding areas is provided by Lovelock Meadows Water District. The City of Lovelock obtains its municipal water supply from three groundwater wells located approximately fifteen miles northeast at Oreana, Nevada (Lovelock Meadows Water District Water Conservation Plan, 2015).

## 4.2 Historical Review

### 4.2.1 Aerial Photograph, Fire Insurance Maps, and Topographic Map Review

Available historical aerial photographs, fire insurance maps, and USGS topographic maps, as described in Table 1, were reviewed by Converse (provided by ERIS). The historical aerial photographs, fire insurance maps, and topographic maps are included in Appendix C.

**Table 1 – Aerial Photograph and Map Review**

Date	Reference	Observations
1954, 1956	Aerial Photograph and Topographic Maps	The Property appears to consist of undeveloped vacant land.  Adjoining properties consist primarily of undeveloped vacant land with a structure to the north of the Property.
1975, 1981, 1987, 1994	Aerial Photographs and Topographic Maps	Conditions on the Property appear to be similar to those depicted in the 1954 photograph.  Adjoining properties to the north and west appear to consist of undeveloped vacant land. A structure was present to the east of the Property and agricultural land was present to the south.
2006, 2010, 2013, 2014, 2015, 2017	Aerial Photographs and Topographic Maps	Conditions on the Property appear to be similar to those depicted in the 1954 photograph.  Conditions on the adjoining properties appear to be similar to those depicted in the 1975 photograph. Additionally, a road is present to the north of the Property, beyond which is a structure.

### 4.2.2 Permit Review

Converse contacted the Lovelock Volunteer Fire Department and the Pershing County Planning and Building Department to request information regarding environmental concerns, underground storage tanks, or any information regarding hazardous materials or petroleum products used, stored, generated, or released at the Property. The Lovelock Volunteer Fire Department and the Pershing County Planning and Building Department responded to the record request on December 31, 2019 and January 2, 2020 and both indicated that no files existed for the Property.

#### *4.2.3 City Directories*

A City Directory search was completed on the Property by ERIS. The complete City Directory is provided in Appendix C. Listings for the area were provided for the years 1998 through 2018. A review of the City Directory Listings did not identify the Property nor any adjoining properties for any years searched. No other City Directory listings were identified.

#### *4.2.4 Data Failure*

Historical information and interviews regarding the Property were dated as early as 1954, which indicated that the Property was undeveloped land; therefore, a data failure has occurred during this assessment. However, this data failure did not impact Converse's ability to identify RECs based on the undeveloped nature of the Property.

#### *4.2.5 Summary of Historical Property Use*

According to historical sources, interviews with the Property owner, and site reconnaissance, the Property appears to have existed as vacant undeveloped land from 1954 to the present.

#### *4.2.6 Summary of Past Uses of Adjoining Properties*

The adjoining properties appear to have consisted of vacant undeveloped land from at least 1954 until approximately 1975, when the southern adjoining property first appeared to be agricultural land and a structure appeared to the east. In circa 2006, a structure is present to the north of the Property.

#### *4.2.7 Summary of Past Uses of the Surrounding Area*

The surrounding area appears to have existed as vacant, undeveloped land and agricultural land from 1954 to the present.

### **4.3 Results of Environmental Records Sources Review**

An ERIS report of Standard Environmental Record Sources (Records) was prepared specifically for the Property. The search included, at a minimum, query of the databases identified in the ASTM Standard within the specified ASTM search distances. The ERIS Report is included as Appendix D.

#### *4.3.1 Property Listings*

The Property was not listed in any Federal or State/Tribal databases.





#### *4.3.2 Adjoining Property Locations of Concern*

Two (2) facilities were plotted at the northwestern adjoining intersection of Lovelock Avenue and American Boulevard. Pitt Mill Elevator Co was listed in the Federal Facility Registry Service/Facility Index (FINDS/FRS). Based on Converse's research, the Pitt Mill Elevator Co facility is mis-plotted and is located approximately 1.5 miles to the north of the Property at 1210 Cornell Avenue in Lovelock. Additionally, Nevada Bell was listed in the FINDS/FRS and plotted at the intersection of Lovelock Avenue and American Boulevard. Based on Converse's research, this facility is located approximately 20-miles southeast of Lovelock.

#### *4.3.3 Other Off-site Locations of Concern*

Additional off-site properties were identified in the environmental databases and reviewed. The potential for environmental concern to the Property from the remaining off-site locations identified in the environmental database appears to be low due to one or more of the following: type of regulatory listing, type of resource (soil) affected, location with respect to the direction of regional groundwater flow, distance from the Property, status of the case, and/or potential responsible parties have been identified.

#### *4.3.4 Orphan Listings*

Eight (8) unplotable sites were listed on the Unplotable Summary section of the ERIS report. The Orphan Summary section of the ERIS report contains facilities that ERIS was unable to locate on a city map. Converse attempted to locate these facilities and has determined that they appear to be located beyond the radius of influence as determined by ASTM Standards or there was not enough information to locate the facilities.

### **4.4 Additional Environmental Record Sources**

#### *4.4.1 Federal Agencies*

##### *4.4.1.1 U.S. Department of Transportation, Pipeline and Hazardous Material Safety Administration (PHMSA)*

PHMSA online mapping system for gas transmission pipelines or hazardous liquid pipelines in Pershing County, Nevada was reviewed. A natural gas pipeline owned by the Paiute Pipeline Co is located approximately 4.0 miles north of the Property.



#### *4.4.2 State Agencies*

Converse reviewed the Nevada Division of Environmental Protection's (NDEP) eMap database, which contains corrective action sites. The Property was not identified in the eMap database.

#### *4.4.3 Local Agencies*

Converse contacted the Lovelock Volunteer Fire Department and the Pershing County Planning and Building Department to request information regarding environmental concerns, underground storage tanks, or any information regarding hazardous materials or petroleum products used, stored, generated, or released at the Property. The Lovelock Volunteer Fire Department and the Pershing County Planning and Building Department responded to the record request on December 31, 2019 and January 2, 2020 and both indicated that no files existed for the Property.

### **4.5 Vapor Encroachment**

Converse conducted a vapor migration screening survey of the Property to assess the risk of "vapor encroachment conditions" (VECs) on the Property. The scope of this screening was limited to visual observations and review of the environmental database records and did not include the collection and laboratory analysis of air samples to confirm the presence of airborne contaminants by vapor intrusion. A VEC is defined by ASTM Standard E2600-10 standard as "the presence or likely presence of chemicals of concern (COC) vapors in the sub-surface of the Property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property..." Based on the ASTM Standard E1527-13 definition of a REC (as defined in Section 3.1), a VEC constitutes a REC. It is important to note that this vapor migration screening survey is not intended to satisfy ASTM Standard E2600-10, a Tier 1 or Tier 2 investigation, nor does it imply that ASTM Standard E2600-10 must be applied to achieve compliance with all appropriate inquiries.

Based on Converse's site observations and review of available environmental databases, Converse identified no risks of VECs for the Property.



## 5.0 Property Reconnaissance

---

### 5.1 Methodology

On December 11, 2019, Converse visited the Property to evaluate present use and to identify observable environmental conditions at the Property. Our methodology involved walking the perimeters, center lines, and accessible interior areas/roads while noting observed evidence of present and potential environmental concerns.

### 5.2 Limiting Conditions

Converse's findings are based on the Property conditions observed on December 11, 2019.

### 5.3 Interior Observations of Property

During Converse's Property visit, the Property consisted of vacant undeveloped land.

### 5.4 Exterior Observations of Property

During Converse's Property visit, Converse made the following observations of the exterior of the Property:

**Table 3 – Exterior Observations of Property**

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Storage Tanks & Related Equipment:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Odors:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Standing Surface Water or Other Pools of Liquid:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed

**Table 3 – Exterior Observations of Property**

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Pits, Ponds, or Lagoons:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Stained Soil or Pavement:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Stressed Vegetation (other than from insufficient water):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Evidence of Mounds, Depressions or Filled or Graded Areas Suggesting Trash or Other Solid Waste Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Wastewater or any discharge (including storm water) in a Drain, Ditch, or Stream on or Adjacent to the Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Wells (active, inactive, or abandoned)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Septic Systems of Cesspools:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Prior Structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed
Roads, Tracks, Railroad Tracks or Spurs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed

## 5.5 *Current Uses of Adjoining Properties*

Based on our research and observations during our Property visit, the Property is bordered by the following:

**Table 5 – Adjoining Property Use**

<b>Direction</b>	<b>Current Development</b>
North:	USDA Service Center (American Blvd)
South:	Agricultural land
East:	Vacant undeveloped land
West:	Vacant undeveloped land

## 5.6 *Current Uses of Surrounding Area*

Based on our research and observations during our Property visit, the surrounding area consists of commercial and residential development.

# 6.0 Interviews

---

During the interviews, the owners were asked if they had any available documents that would be helpful. No documents were available to review.

### 6.1 *Property Owner*

Ms. Karen Wesner, representative of the Property owner, was interviewed regarding the history and current uses of the Property. Ms. Wesner stated that the Property currently exists as vacant land and that the Property formerly operated as agricultural land. Ms. Wesner did not know of any present or historical hazardous materials or USTs/ASTs. Ms. Wesner had no reason for environmental concern with the Property.

### 6.2 *Tenant/Occupant*

See above.

### 6.3 *State or Local Government Officials*

Converse requested records from the Lovelock Volunteer Fire Department and the Pershing County Planning and Building Department. Responses from the local officials are discussed in Section 4.



## **6.4 Previous Owner Interview**

The previous owner(s) of the Property were not interviewed during this assessment.

## **7.0 Findings & Opinions**

---

A cursory summary of findings is provided below. However, details were not included or fully developed in this section and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The Property comprises one (1) rectangular-shaped parcel identified by the Pershing County Tax Assessor as Parcel ID 007-241-081, totaling 1.16 acres. The Property is located on the southeast quadrant of the intersection of Lovelock Road and American Boulevard.
- According to historical sources, interviews with the Property owner representative, and site reconnaissance, the Property appears to have existed as vacant, undeveloped land dating back to at least 1954.
- The Property was not listed in any of the environmental databases reviewed.
- Two (2) facilities were plotted at the northwestern adjoining intersection of Lovelock Avenue and American Boulevard. Pitt Mill Elevator Co was listed in the Federal Facility Registry Service/Facility Index (FINDS/FRS). Based on Converse's research, the Pitt Mill Elevator Co facility is mis-plotted and is located approximately 1.5 miles to the north of the Property at 1210 Cornell Avenue, Lovelock, NV. Additionally, Nevada Bell was listed in the FINDS/FRS and plotted at the intersection of Lovelock Avenue and American Boulevard. Based on Converse's research, this facility is located approximately 20-miles southeast of Lovelock. Based on the distance and current regulatory status of both listings, Converse does not consider these listings to constitute a REC for the Property.
- Additional off-site properties were identified in the environmental databases and reviewed. The potential for environmental concern to the Property from the remaining off-site locations identified in the environmental database appears to be low due to one or more of the following: type of regulatory listing, type of resource (soil) affected, location with respect to the direction of regional groundwater flow, distance from the Property, status of the case, and/or potential responsible parties have been identified.



## 8.0 Conclusions and Recommendations

---

Converse has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-013 at the vacant lot, T27 R31 SEC 34, Pershing County, Nevada. Any exceptions to or deletions from this practice are described in the Limitations and Exceptions of Assessment section of this report.

This assessment has revealed no evidence of *Recognized Environmental Conditions* in connection to the Property and no additional action is recommended at this time.

No significant data gaps were identified that affect the ability of the Environmental Professional (EP) to identify RECs.

There are no unusual circumstances where greater certainty is required regarding RECs.

## 9.0 Deviations

---

No deviation(s) from the ASTM Standard Practice were encountered during this assessment.

## 10.0 Additional Non-Scope Services

---

There are environmental issues outside the scope of the ASTM E1527-13 that can be assessed in connection with a commercial real estate transaction. These are dealt with as non-scope considerations since they do not typically present a Superfund Liability. The specific level of inquiry (if any) is defined in the Proposal which contains a Scope of Work. These non-scope services are very client specific and not covered by the ASTM standard. They are frequently related to the business environmental risk which is defined in the standard as “risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate”.

Non-scope items were not addressed in this report.



## 11.0 Signature of Environmental Professional

---

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §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 the all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.



---

Philip Childers, CEM  
Senior Environmental Manager  
Nevada CEM 1952

This Phase I ESA was completed [by or under the supervision] of the above Environmental Professional. A complete list of preparers, and their responsibilities for this assessment, is provided in the following section (Section 13.0, List of Preparers).

### Nevada Certified Environmental Manager Jurat

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 Federal, State, and local statutes, regulations, and ordinances.





## 12.0 List of Preparers

---

### **Philip S. Childers, CEM**

Senior Environmental Manager

B.S., Environmental Studies (Cum Laude), University of Las Vegas.

Nevada Certified Environmental Manager

Nevada Licensed Asbestos Consultant

Nevada Certified Lead Based Paint Risk Assessor

California Licensed Asbestos Consultant

California Certified Lead Based Paint Risk Assessor/Inspector

Mr. Childers has been working in environmental consulting since 2003. He has conducted Phase I Environmental Site Assessments (ESA's), Phase II ESA's and supervised remediation and hazardous building material abatement projects on commercial and industrial properties in the States of Nevada, California, Illinois, Oklahoma and New York. In addition, he has completed Hazardous Building Materials Surveys (HBMS) for municipal clients and has conducted a large scale (4,000+ sample) asbestos survey for a NV energy sector client to facilitate client goals of strategic demolition and component removal. Philip has recently returned to Converse Consultants to lead the Reno office as Office Manager at this exciting time of growth in the Reno-Carson area.

Principal area of responsibility for this ESA report: Quality Assurance/Quality Control and Technical Review.

### **Connor Welsh**

Environmental Project Manager/Environmental Scientist

B.S., Environmental Science, University of West Georgia, 2013

Nevada Licensed Asbestos Consultant

Mr. Welsh is currently responsible for the project management operations of the Reno, Nevada office. Mr. Welsh has over 6 years of experience with Phase I and II ESAs, asbestos surveys, lead-based paint surveys, abatement monitoring, as well as hazardous material audits, soil and groundwater remediation, regulator consulting, and business development. Current duties at Converse include project management, business development and client maintenance, conducting/managing ESAs.

Principal area of responsibility for this ESA report: Project Management, Report Generation, and Historical Research.



## **Miranda Montes**

Environmental Specialist

B.S., Environmental Science, University of Nevada, Reno, 2019

Ms. Montes has recently graduated and is being trained in Phase I ESAs. Ms. Montes' previous experience is drawn from her education. Current duties at Converse include technical and administrative support.

Principal area of responsibility for this ESA report: Regulatory Agency Interaction, Property Reconnaissance, Interviews, and Report Generation.



## 13.0 References

---

ASTM International, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E-1527-13

ERIS Radius Map Report, January 2020

ERIS Sanborn Map Report, January 2020

ERIS Historical Topo Map Report, January 2020

ERIS Historical Aerial Photos, December 2019

ERIS City Directory Report, January 2020

Lovelock Volunteer Fire Department, Request for Records, December 2019

Pershing County Building Development, Request for Records, December 2019

### Websites

- Google Earth, [www.google.com/earth/](http://www.google.com/earth/)
- Pershing County Assessment Records,

[http://www.pershingcounty.net/government/assessor/property\\_records\\_info.php](http://www.pershingcounty.net/government/assessor/property_records_info.php)

- Nevada Hydrology Data, <http://webgis.water.nv.gov/Html5Viewer/>
- United States Department of Transportation, Pipeline and Hazardous Material Safety Administration (PHMSA), Pipeline Location Website (<https://www.npms.phmsa.dot.gov/default.htm>)

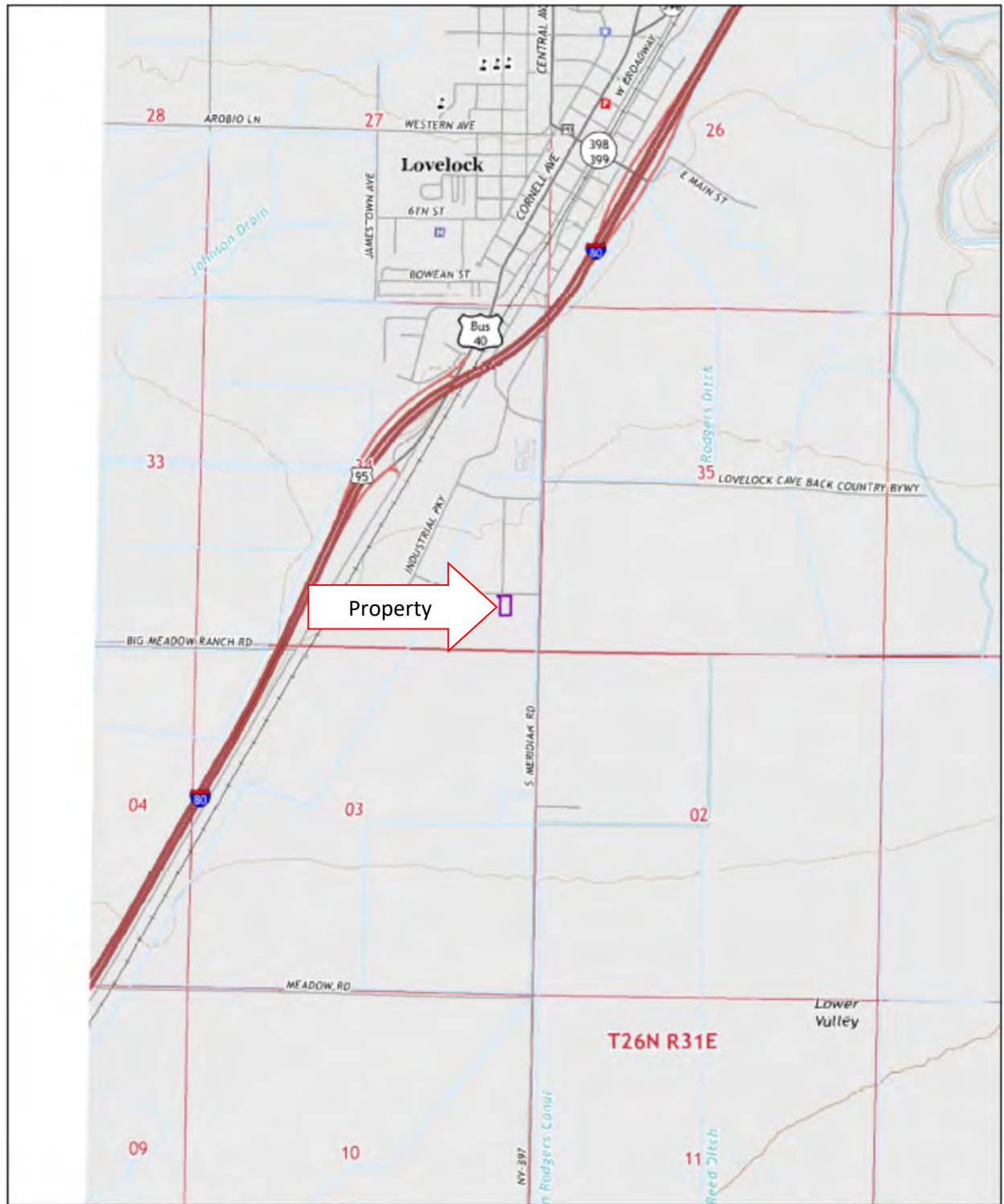
All additional referenced sources are appended to this report.



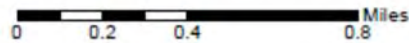
---

**Site Plans**

# Appendix A



2014



Order No. 20191231097

**FIGURE 1**  
**Site Location Map**  
 SOURCE: ERS Report  
 Lovelock, Nevada  
 SCALE: as shown



**Converse Consultants**  
 Geotechnical Engineering  
 Environmental & Groundwater Science  
 Inspection & Testing Services

**VACANT INDUSTRIAL LAND**  
**T27 R31 SEC 34,**  
**Pershing County, Nevada**  
**Converse Project Number 19-23216-01**



**FIGURE 2**  
**Site Location Map**  
SOURCE: Google Earth  
Pershing County, NV  
SCALE: As Shown



**VACANT INDUSTRIAL LAND**  
**T27 R31 SEC 34,**  
**Pershing County, Nevada**  
**Converse Project Number 19-23216-01**

---

**Pertinent Property  
Photographs**

# **Appendix B**

**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 1:** View of the Property facing south.



**Photograph 2:** View the Property and adjoining property facing east.





**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 3:** View of vegetation on the Property.



**Photograph 4:** View of the Property facing southeast.

**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 5:** View of the property facing northeast.



**Photograph 6:** Additional view of the Property and the adjoining property facing east.

**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 7:** View of the western adjoining property.



**Photograph 8:** View of tire tracks through the central portion of the Property.



**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 9:** View of the Property facing north.



**Photograph 10:** View of soil and vegetation on the central portion of the Property.

**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 11:** View of northern adjoining property.



**Photograph 12:** View of eastern adjoining property.

**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 13:** View of northern adjoining property.



**Photograph 14:** View of the intersection of American Blvd and Lovelock Ave to the northwest of the Property.

**VACANT INDUSTRIAL LAND**  
T27 R31 SEC 34  
Lovelock, Nevada  
Converse Project Number 19-23216-01



**Photograph 15:** Additional view of the western adjoining property.

---

## Historical Information

# Appendix C





# HISTORICAL AERIALS

**Project Property:** Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34  
Lovelock NV 89419

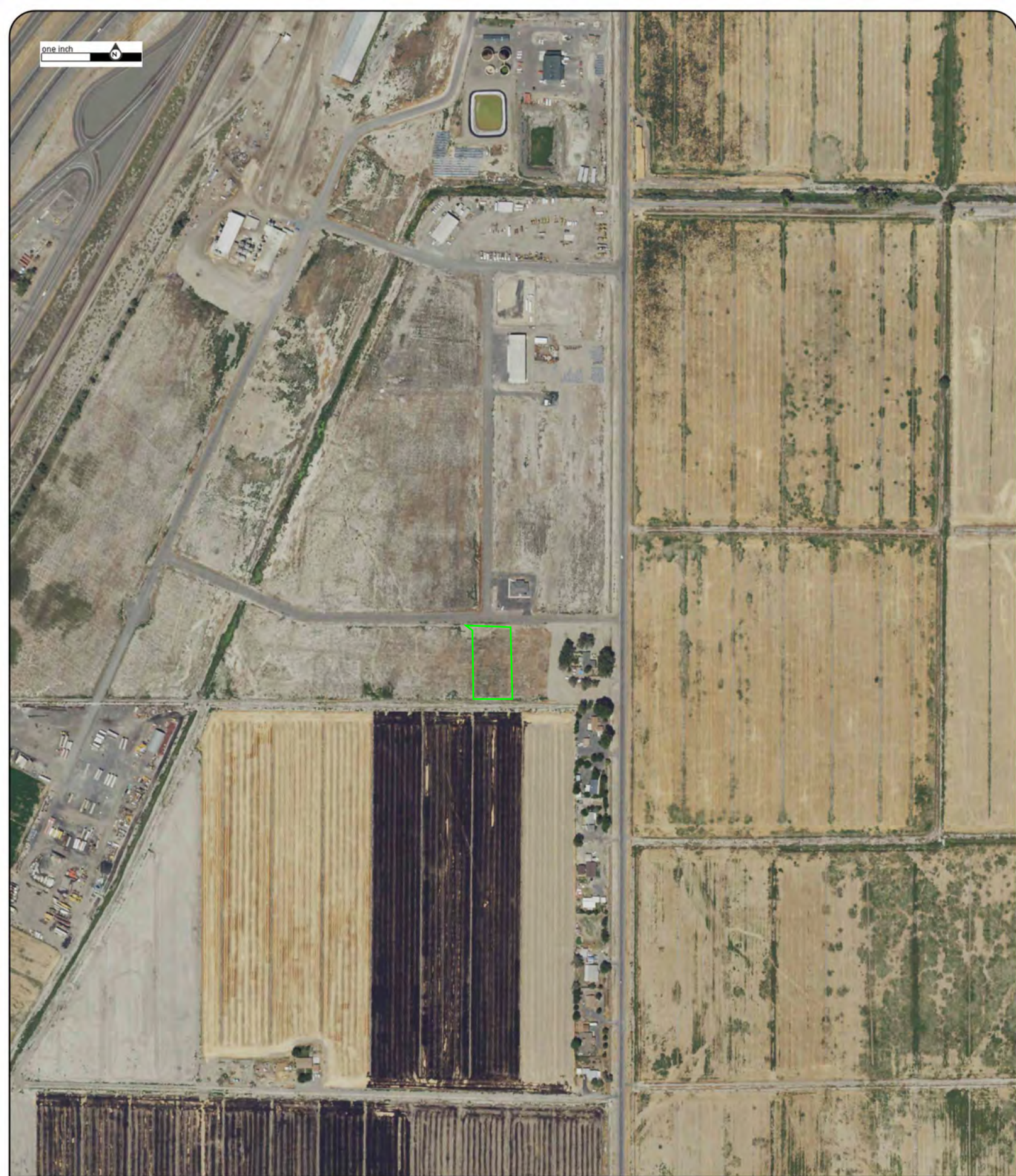
**Requested By:** Converse Consultants

**Order No:** 20191231097

**Data Completed:** December 31,2019

<b>Date</b>	<b>Source</b>	<b>Source Scale</b>	<b>Comments</b>
2017	National Agriculture Information Program	1" to 500'	
2015	National Agriculture Information Program	1" to 500'	
2013	National Agriculture Information Program	1" to 500'	
2010	National Agriculture Information Program	1" to 500'	
2006	National Agriculture Information Program	1" to 500'	
1994	US Geological Survey	1" to 500'	
1981	US Geological Survey	1" to 500'	
1975	US Geological Survey	1" to 500'	Best Copy Available
1954	US Geological Survey	1" to 500'	

one inch



Year:2017  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV  
Approx Center:40.16022707/-118.47791679  
Owner No:20191231097



one inch



Year:2015  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679



one inch



Year:2013  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679



one inch



Year:2010  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock, NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:2006  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679



one inch



Year:1994  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES





one inch



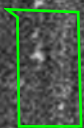
Year:1981  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1975

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097

Source:USGS

Approx Center:40.16022707/-118.47791679

Scale:1" to 500'

Comment:Best Copy Available

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1954  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:73 American Blvd and T27 R31 SEC 34,Lovelock NV Parcel No:20191231097  
Approx Center:40.16022707/-118.47791679

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES





# FIRE INSURANCE MAPS

**Project Property:** Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34  
Lovelock NV 89419

**Project No:** 19-23216-01

**Requested By:** Converse Consultants

**Order No:** 20191231097

**Date Completed:** January 01, 2020

---

**Please note that no information was found for your site or adjacent properties.**



# TOPOGRAPHIC MAPS

**Project Property:** Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34  
Lovelock NV 89419

**Project No:** 19-23216-01

**Requested By:** Converse Consultants

**Order No:** 20191231097

**Date Completed:** January 14, 2020

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

<b>Year</b>	<b>Map Series</b>
2014	7.5
1987	7.5
1956	15

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

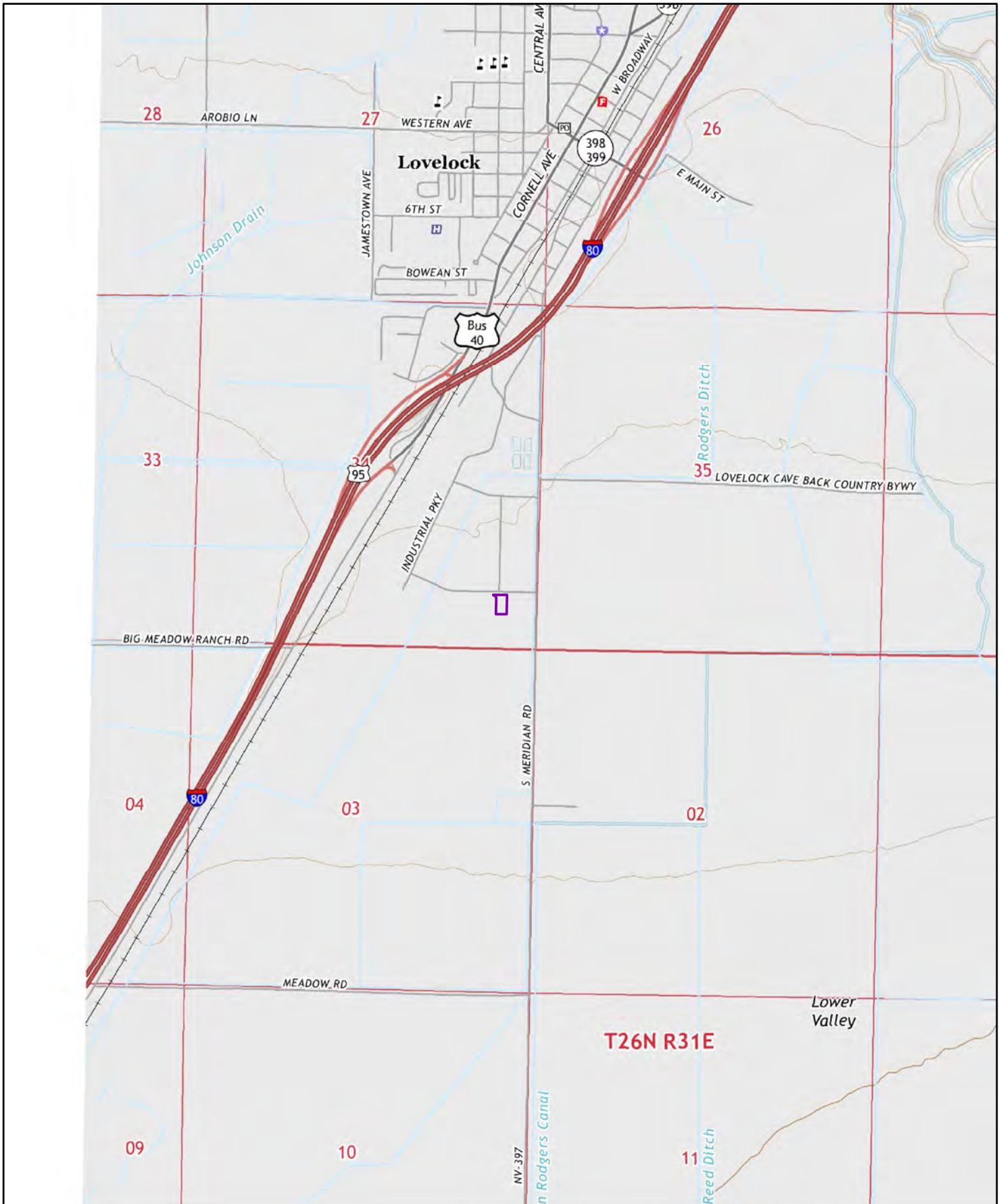
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

---

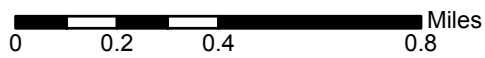
## **Environmental Risk Information Services**

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)



2014

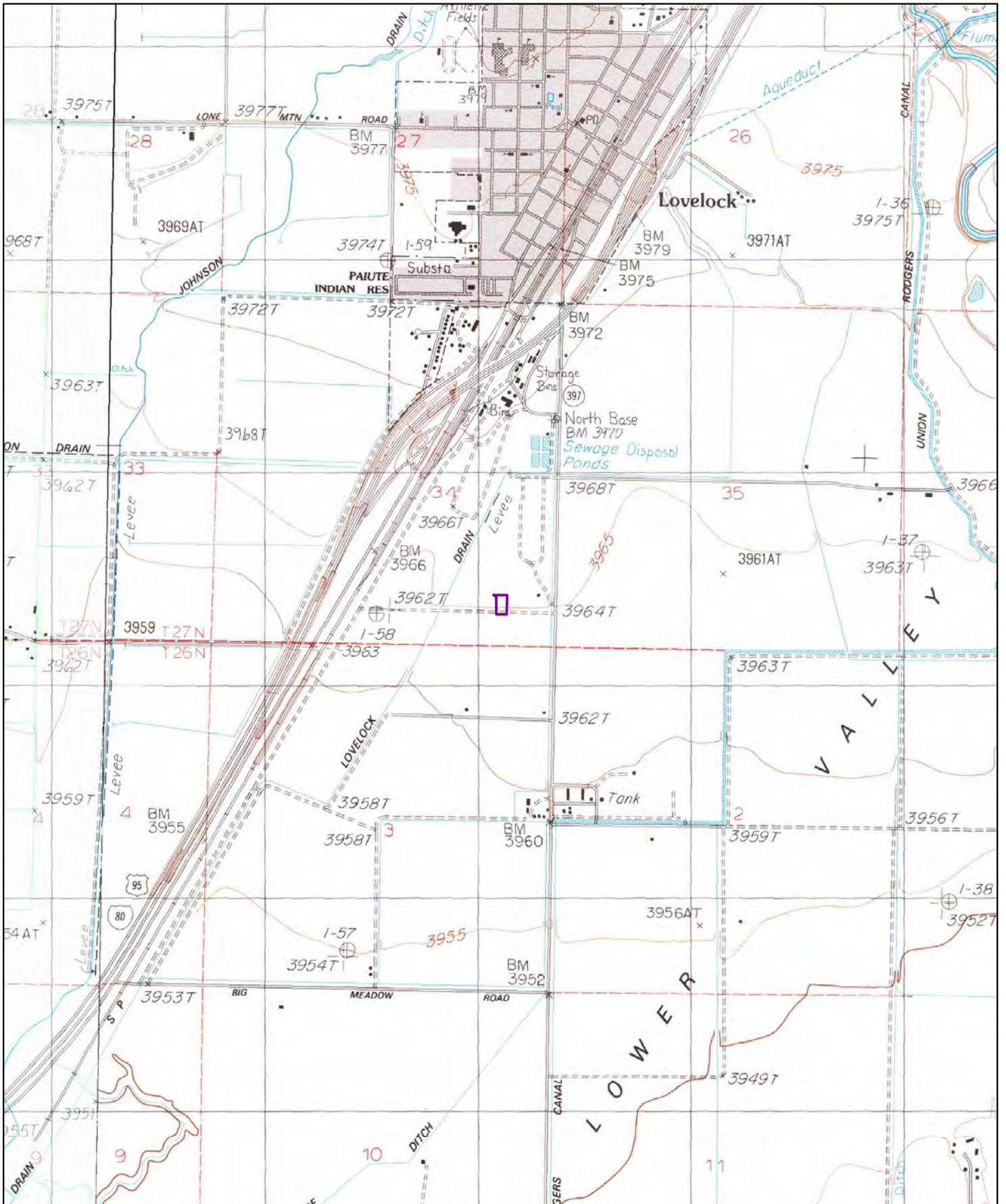


Order No. 20191231097

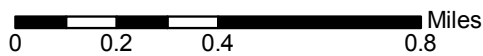
Quadrangle(s): Lovelock, NV

Source: USGS 7.5 Minute Topographic Map





1987



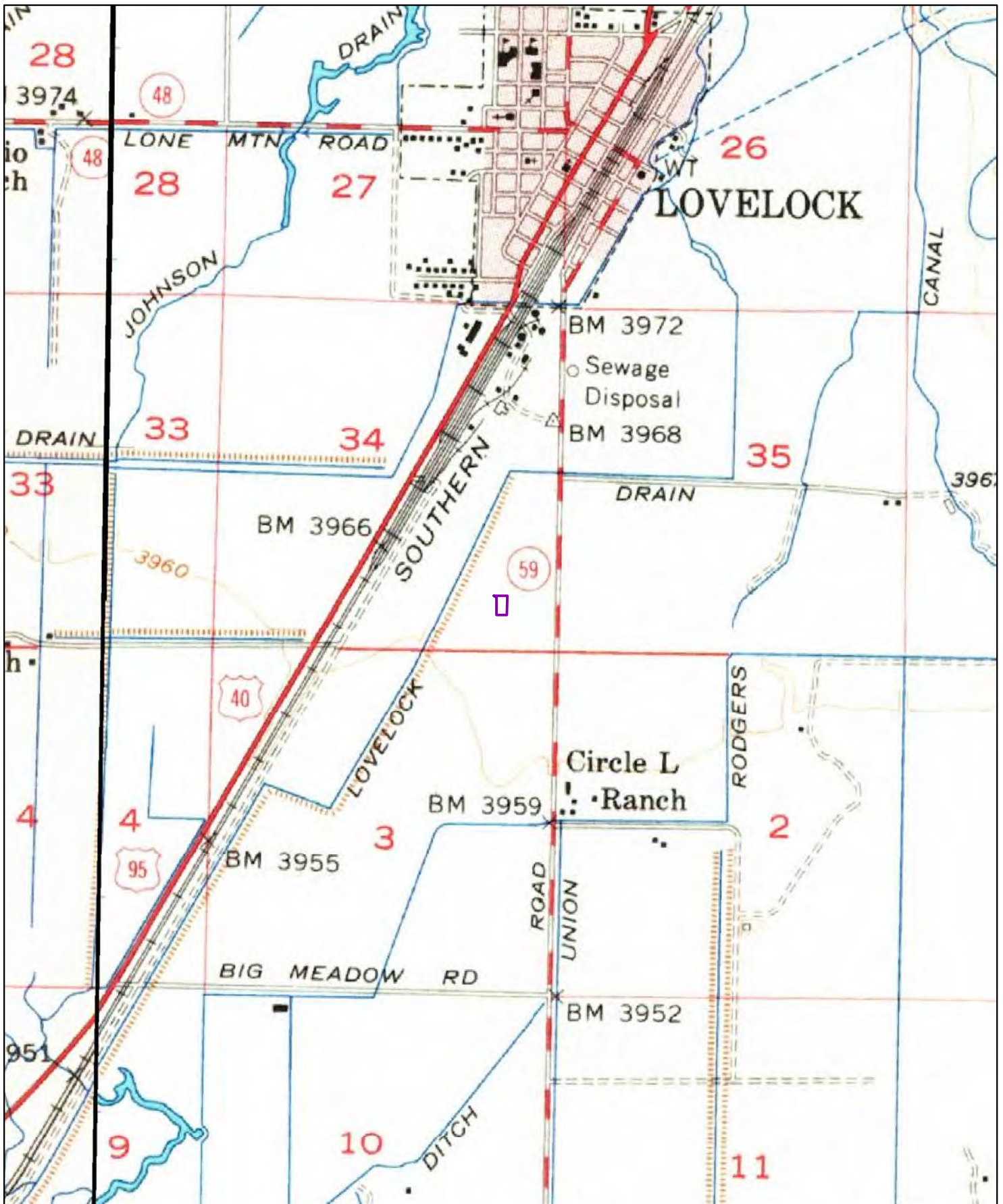
Order No. 20191231097

Quadrangle(s): Lovelock, NV

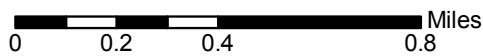
Source: USGS 7.5 Minute Topographic Map







1956



Order No. 20191231097

Quadrangle(s): Lovelock, NV

Source: USGS 15 Minute Topographic Map



**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



---

CITY  
**DIRECTORY**

**Project Property:** *Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34  
Lovelock, NV 89419*

**Project No:** *19-23216-01*

**Requested By:** *Converse Consultants*

**Order No:** *20191231097*

**Date Completed:** *January 6, 2020*

January 6, 2020  
RE: CITY DIRECTORY RESEARCH  
Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34 Lovelock, NV

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

**Search Criteria:**

1000-1400 of Meridian Road  
0-200 of American Blvd

**Search Results Summary**

Date	Source	Comment
2018	DIGITAL BUSINESS DIRECTORY	
2014	DIGITAL BUSINESS DIRECTORY	
2010	DIGITAL BUSINESS DIRECTORY	
2006	DIGITAL BUSINESS DIRECTORY	
2002	DIGITAL BUSINESS DIRECTORY	
1998	DIGITAL BUSINESS DIRECTORY	

**Environmental Risk Information Services**

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...



NO LISTING FOUND FOR THIS YEAR...

NO LISTING FOUND FOR THIS YEAR...





## Property Information

Order Number:	20191231097p
Date Completed:	January 14, 2020
Project Number:	19-23216-01
Project Property:	Lovelock Industrial Park 73 American Blvd and T27 R31 SEC 34 Lovelock NV 89419
Coordinates:	
Latitude:	40.16022707
Longitude:	-118.47791679
UTM Northing:	4446588.94314 Meters
UTM Easting:	374115.632985 Meters
UTM Zone:	UTM Zone 11T
Elevation:	3,968.37 ft
Slope Direction:	S

Topographic Information.....	2
Hydrologic Information.....	4
Geologic Information.....	7
Soil Information.....	9
Wells and Additional Sources.....	13
Summary.....	14
Detail Report.....	15
Radon Information.....	35
Appendix.....	36
Liability Notice.....	38

The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

### Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

# Topographic Information



## Current USGS Topo



Quadrangle(s): Lovelock, NV

Source: USGS 7.5 Minute Topographic Map

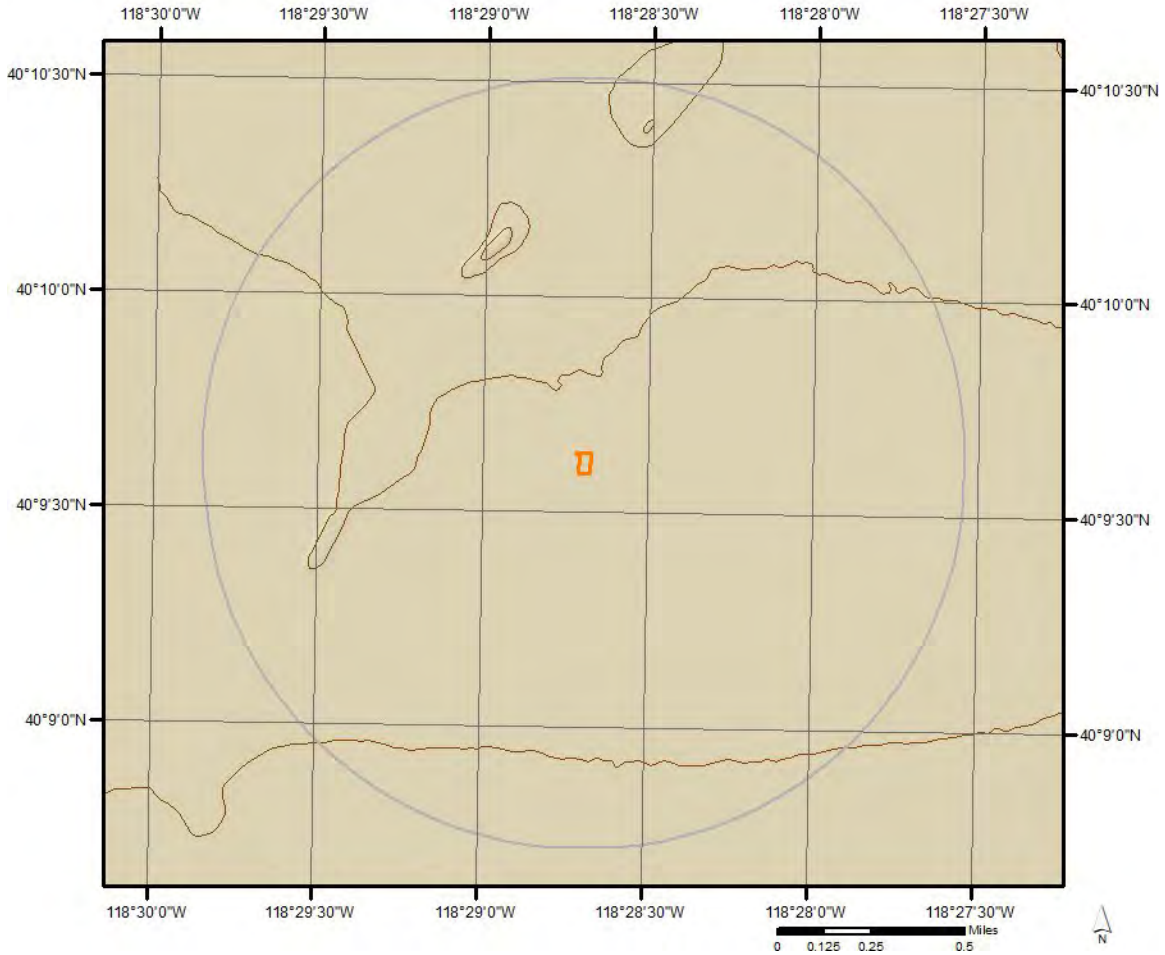


# Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 3,968.37 ft  
Slope Direction: S

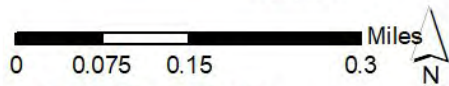


# Hydrologic Information



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Wetland



This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- |   |   |
|---|---|
|  Estuarine and Marine Deepwater    |  Freshwater Pond |
|  Estuarine and Marine Wetland      |  Lake            |
|  Freshwater Emergent Wetland       |  Other           |
|  Freshwater Forested/Shrub Wetland |  Riverine        |

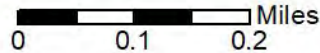


# Hydrologic Information



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

	A		AO		X
	A99		V		OPEN WATER
	AE		VE		NOT POPULATED
	AH		D		AREA NOT INCLUDED



## Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.

---

Available FIRM Panels in area: 32027C2375B(effective:2009-09-25)

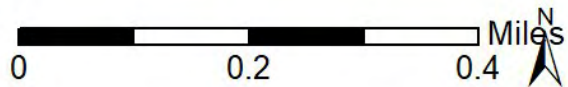
---

### **Flood Zone X-12**

Zone: X  
Zone subtype: AREA OF MINIMAL FLOOD HAZARD



# Geologic Information



## Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



## Geologic Information

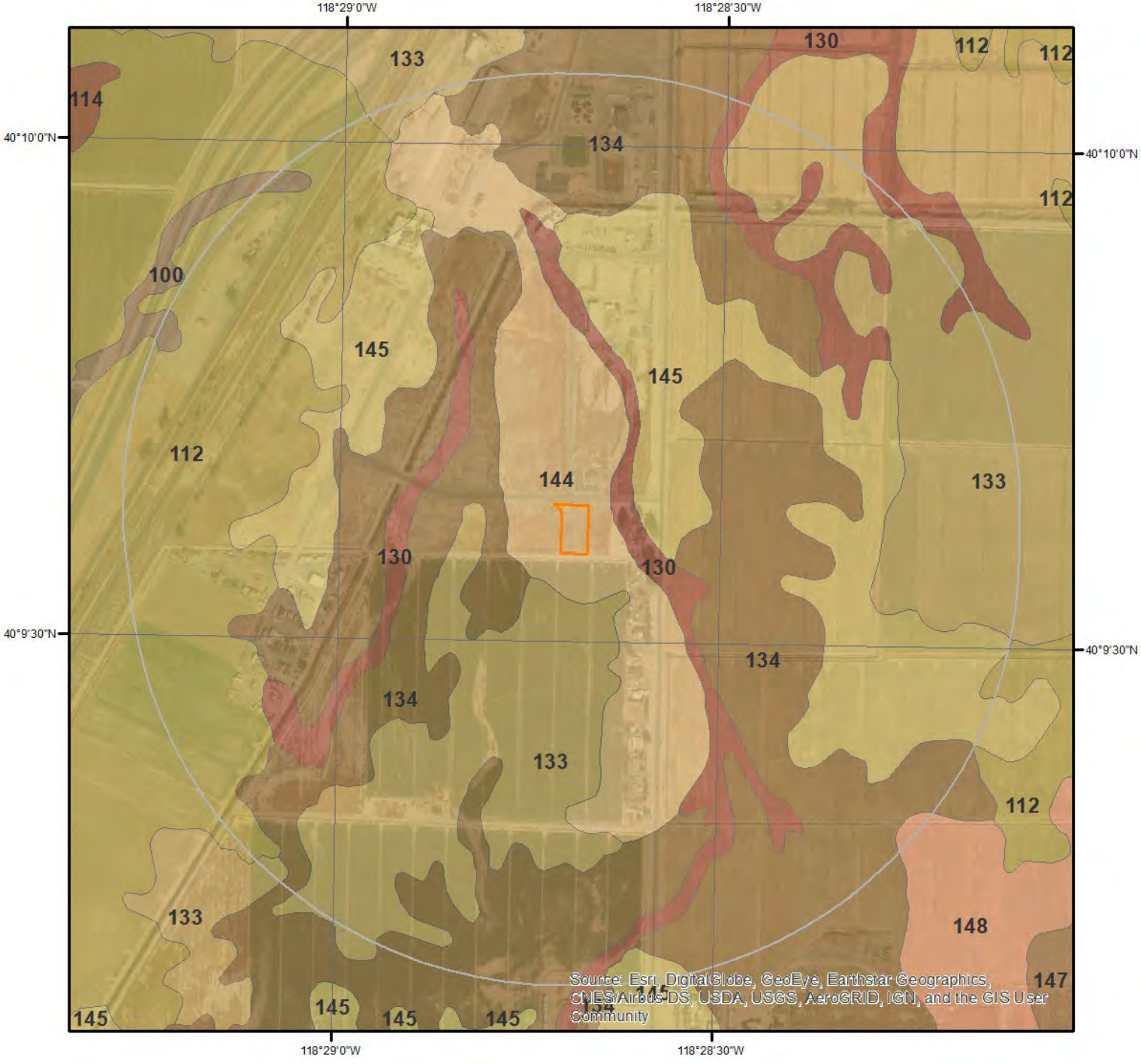
The previous page shows USGS geology information. Detailed information about each unit is provided below.

---

### Geologic Unit Qp

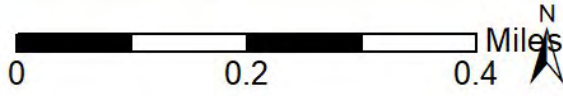
Unit Name:	Playa, marsh, and alluvial-flat deposits, locally eroded
Unit Age:	Quaternary
Primary Rock Type:	playa
Secondary Rock Type:	alluvium
Unit Description:	PLAYA, MARSH, AND ALLUVIAL-FLAT DEPOSITS, LOCALLY ERODED

# Soil Information



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



## Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

---

### Map Unit 100 (7.69%)

Map Unit Name: Armydrain silt loam, 0 to 1 percent slopes  
Bedrock Depth - Min: null  
Watertable Depth - Annual Min: 122cm  
Drainage Class - Dominant: Poorly drained  
Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Armydrain(95%)  
horizon H1(0cm to 18cm) Silt loam  
horizon H2(18cm to 48cm) Clay  
horizon H3(48cm to 152cm) Stratified sand to silt loam

---

### Map Unit 112 (43.53%)

Map Unit Name: Humboldt silt loam, drained, 0 to 1 percent slopes  
Bedrock Depth - Min: null  
Watertable Depth - Annual Min: null  
Drainage Class - Dominant: Somewhat poorly drained  
Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Humboldt(95%)  
horizon H1(0cm to 36cm) Silt loam  
horizon H2(36cm to 97cm) Stratified silty clay loam to clay  
horizon H3(97cm to 152cm) Stratified silt loam to clay

---

### Map Unit 130 (3.93%)

Map Unit Name: Nevadanile loam, strongly saline-sodic, 0 to 1 percent slopes  
Bedrock Depth - Min: null  
Watertable Depth - Annual Min: 137cm  
Drainage Class - Dominant: Somewhat poorly drained  
Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Nevadanile(95%)  
horizon H1(0cm to 10cm) Loam  
horizon H2(10cm to 81cm) Stratified very fine sandy loam to silty clay loam  
horizon H3(81cm to 152cm) Stratified gravelly coarse sand to loamy fine sand

---

### Map Unit 133 (15.02%)

## Soil Information

Map Unit Name:	Placeritos loam, drained, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Placeritos(95%)	
horizon H1(0cm to 18cm)	Loam
horizon H2(18cm to 152cm)	Stratified very fine sandy loam to silty clay loam

---

### Map Unit 134 (17.38%)

Map Unit Name:	Placeritos loam, strongly saline-sodic, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	153cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Placeritos(95%)	
horizon H1(0cm to 18cm)	Loam
horizon H2(18cm to 152cm)	Stratified very fine sandy loam to silty clay loam

---

### Map Unit 144 (3.1%)

Map Unit Name:	Slawha silt loam, slightly saline-sodic, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Slawha(95%)	
horizon H1(0cm to 33cm)	Silt loam
horizon H2(33cm to 152cm)	Silt loam

---

### Map Unit 145 (7.5%)

Map Unit Name:	Slawha silt loam, strongly saline-sodic, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Slawha(95%)	
horizon H1(0cm to 33cm)	Silt loam
horizon H2(33cm to 152cm)	Silt loam

## Soil Information

### Map Unit 148 (1.86%)

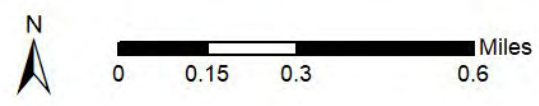
Map Unit Name:	Slawha silty clay loam, strongly saline-sodic, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Slawha(95%)	
horizon H1(0cm to 33cm)	Silty clay loam
horizon H2(33cm to 152cm)	Silt loam

# Wells and Additional Sources



## Wells & Additional Sources

- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation



# Wells and Additional Sources Summary

## Federal Sources

### Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

### Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

### USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
5	USGS-400941118273001	5,195.29	E

## State Sources

### Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

### Well Log Database

Map Key	Well Log	Distance (ft)	Direction
1	995	4,261.03	E
2	114065	4,799.12	NNE
2	99907	4,799.12	NNE
3	64922	4,930.38	N
3	48524	4,930.38	N
3	48525	4,930.38	N
3	48526	4,930.38	N
3	64923	4,930.38	N
3	48527	4,930.38	N
3	64925	4,930.38	N
3	64921	4,930.38	N
4	90697	4,933.42	N
4	90747	4,933.42	N
4	90737	4,933.42	N
4	90735	4,933.42	N
4	90696	4,933.42	N
4	90736	4,933.42	N
4	90698	4,933.42	N
4	90722	4,933.42	N



# Wells and Additional Sources Detail Report

## USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	E	0.98	5,195.29	3,967.18	FED USGS

Organiz Identifier:	USGS-NV	Formation Type:	
Organiz Name:	USGS Nevada Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	PERSHING
Construction Date:		Latitude:	40.1612984
Source Map Scale:	250000	Longitude:	-118.4593135
Monitoring Loc Name:	073 N27 E31 35D 1		
Monitoring Loc Identifier:	USGS-400941118273001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	16040108		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	minutes		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	3908.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

## Well Log Database

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	E	0.81	4,261.03	3,968.04	WATER WELLS

Well Log:	995	Notice of Intent:	0
Waiver No:		Yield:	
Sequence No:	93267	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	7/22/2049	Static WI:	10
Well Start Date:	7/6/2049	Temperature:	68

## Wells and Additional Sources Detail Report

Well Finish Date: 7/16/2049	Ref: MD
Edit Status: F	App:
Site Type Code: N	Source Agency: NV003
Site Type Desc: New	Owner No:
Work Type Code: N	Owner Current: MEFFLEY RANCHING CO
Work Type Desc: New	Driller Lic No: 51
Work Type Rmks:	Contractor Lic No:
Prop Use Code: H	Contractor Drlr No:
Prop Use Desc: Domestic	Contractor Name: LAWRENCE MUNK
Drilling Mthd Code: C	User ID: MTHORSON
Drilling Mthd Desc: Cable tool	Parcel No:
Test Method Code:	Lot No:
Test Mthd Desc:	Block No:
Aquifer Desc:	Subdivision Name:
Depth Seal:	SC: 32027
Depth Drilled: 52	HA: 073
Depth Bedrock:	Twn: N27
Depth Cased:	Legal Twn: 27N
Qual Const Data: G	Rng: E31
Qual Lith Data: G	Legal Rng: 31E
Gravel Pack Top:	Sec: 35
Gravel Pack Bot:	Sec Quarters: D
Gravel Packed:	Legal Quarters: SE
Top Perf: 40	Quarters Seq:
Bottom Perf: 52	Latitude: 40.1622222222222
Perf Intervals: 1	Longitude: 118.4627777777778
Casing Diameter:	Lat Long Src:
Casing Reductions: 0	Lat Long Acc: M
Update User ID:	Utm X: 375428.114241486
Date Entry: 5/13/2005	Utm Y: 4446577.91320715
Date Update:	Remarks Add:
Date Cmpl Acc: D	
Owner Address:	
Contractor Addr: LOVELOCK NV	
Remarks:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.91	4,799.12	3,972.95	WATER WELLS

Well Log: 114065	Notice of Intent: 67129
Waiver No:	Yield:
Sequence No: 113674	Drawdown:
Date Log Rcvd Acc: D	Hours Pumped:
Date Log Rcvd: 6/24/2011	Static Wl:
Well Start Date: 3/28/2011	Temperature:
Well Finish Date: 3/29/2011	Ref: MD

## Wells and Additional Sources Detail Report

Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW-24
Work Type Code:	P	Owner Current:	SORANI, RICHARD
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1991
Work Type Rmks:	FACILITY ID - 5-00082; PLUGGING MONITOR WELL 99907	Contractor Lic No:	73966
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	CASCADE DRILLING LP
Drilling Mthd Code:	Z	User ID:	MHEIN
Drilling Mthd Desc:	Other (explain in remarks)	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	CITY ROW
Depth Seal:	24	SC:	32027
Depth Drilled:	24	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	24	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	0	Sec:	26
Gravel Pack Bot:		Sec Quarters:	CC
Gravel Packed:		Legal Quarters:	SW SW
Top Perf:		Quarters Seq:	
Bottom Perf:		Latitude:	40.172996
Perf Intervals:	1	Longitude:	118.471944
Casing Diameter:	2	Lat Long Src:	
Casing Reductions:	0	Lat Long Acc:	H
Update User ID:		Utm X:	374667.299706445
Date Entry:	6/27/2011	Utm Y:	4447786.67509754
Date Update:		Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	810 CORNELL AVE. LOVELOCK, NV		
Contractor Addr:	PO BOX 1184 WOODINVILLE, WA 98072		
Remarks:	BREAK OUT BOTTOM OF WELL TREMMIE GROUT - CONCRETE TOP.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.91	4,799.12	3,972.95	WATER WELLS

Well Log:	99907	Notice of Intent:	57856
Waiver No:		Yield:	
Sequence No:	99175	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	5/24/2006	Static Wl:	10
Well Start Date:	3/25/2006	Temperature:	85
Well Finish Date:	3/25/2006	Ref:	MD

## Wells and Additional Sources Detail Report

Edit Status:	F	App:	
Site Type Code:	N	Source Agency:	NV003
Site Type Desc:	New	Owner No:	MW-24
Work Type Code:	N	Owner Current:	SORANI, RICHARD
Work Type Desc:	New	Driller Lic No:	2312
Work Type Rmks:	PLUGGED BY WELL LOG 114065	Contractor Lic No:	38018
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	HAZ-TECH DRILLING INC
Drilling Mthd Code:	B	User ID:	APALMER
Drilling Mthd Desc:	Bored or Augered	Parcel No:	01-159-01
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	4	SC:	32027
Depth Drilled:	25	HA:	072
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	4	Sec:	26
Gravel Pack Bot:	25	Sec Quarters:	CC
Gravel Packed:	Y	Legal Quarters:	SW SW
Top Perf:	5	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.172996
Perf Intervals:	1	Longitude:	118.471944
Casing Diameter:	2	Lat Long Src:	
Casing Reductions:	0	Lat Long Acc:	H
Update User ID:	MHEIN	Utm X:	374667.299706445
Date Entry:	7/6/2006	Utm Y:	4447786.67509754
Date Update:	6/28/2011	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	CITY PARK		
Contractor Addr:	P O BOX 940 MERIDIAN ID 83680		
Remarks:	FACILITY ID# 5-000082		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	64922	Notice of Intent:	32874
Waiver No:		Yield:	
Sequence No:	43459	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	1/11/1996	Static WI:	11
Well Start Date:	9/7/1995	Temperature:	
Well Finish Date:	9/7/1995	Ref:	MD
Edit Status:	F	App:	

## Wells and Additional Sources Detail Report

Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW3
Work Type Code:	P	Owner Current:	JACKPOT FOODMART
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1028
Work Type Rmks:		Contractor Lic No:	34525
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING KLOHAIR
Drilling Mthd Code:	B	User ID:	
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	25	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	0	Sec:	27
Gravel Pack Bot:	0	Sec Quarters:	DD
Gravel Packed:	N	Legal Quarters:	SE SE
Top Perf:	5	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	2	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:		Utm X:	374054.44740041
Date Entry:	5/12/1997	Utm Y:	4447926.83643774
Date Update:		Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	OLD WAIVER NO=MO896		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	48524	Notice of Intent:	27442
Waiver No:	MO896	Yield:	
Sequence No:	25082	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	5/5/1995	Static Wl:	15
Well Start Date:	2/6/1995	Temperature:	
Well Finish Date:	2/6/1995	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	N	Source Agency:	NV003

## Wells and Additional Sources Detail Report

Site Type Desc:	New	Owner No:	MW1
Work Type Code:	N	Owner Current:	TIME OIL COMPANY
Work Type Desc:	New	Driller Lic No:	1028
Work Type Rmks:		Contractor Lic No:	34525
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING KLOHAIR
Drilling Mthd Code:	B	User ID:	
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	13	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	13	Sec:	27
Gravel Pack Bot:	25	Sec Quarters:	DD
Gravel Packed:	Y	Legal Quarters:	SE SE
Top Perf:	10	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	2	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:	klohair	Utm X:	374054.44740041
Date Entry:	10/3/1995	Utm Y:	4447926.83643774
Date Update:	11/27/1995	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	PROP USE=MONITOR OWNER NO=MW1		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	48525	Notice of Intent:	27442
Waiver No:	MO896	Yield:	
Sequence No:	25083	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	5/5/1995	Static WI:	15
Well Start Date:	2/6/1995	Temperature:	
Well Finish Date:	2/6/1995	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	N	Source Agency:	NV003
Site Type Desc:	New	Owner No:	MW2

## Wells and Additional Sources Detail Report

Work Type Code:	N	Owner Current:	TIME OIL COMPANY
Work Type Desc:	New	Driller Lic No:	1028
Work Type Rmks:		Contractor Lic No:	34525
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING KLOHAIR
Drilling Mthd Code:	B	User ID:	
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	13	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	13	Sec:	27
Gravel Pack Bot:	25	Sec Quarters:	DD
Gravel Packed:	Y	Legal Quarters:	SE SE
Top Perf:	10	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	4	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:	klohair	Utm X:	374054.44740041
Date Entry:	10/3/1995	Utm Y:	4447926.83643774
Date Update:	11/27/1995	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	PROP USE=MONITOR OWNR NO=MW2		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	48526	Notice of Intent:	27442
Waiver No:	MO896	Yield:	
Sequence No:	25084	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	5/5/1995	Static Wl:	17
Well Start Date:	2/7/1995	Temperature:	
Well Finish Date:	2/7/1995	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	N	Source Agency:	NV003
Site Type Desc:	New	Owner No:	MW3
Work Type Code:	N	Owner Current:	TIME OIL COMPANY

## Wells and Additional Sources Detail Report

Work Type Desc:	New	Driller Lic No:	1028
Work Type Rmks:		Contractor Lic No:	34525
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING KLOHAIR
Drilling Mthd Code:	B	User ID:	
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	13	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	13	Sec:	27
Gravel Pack Bot:	25	Sec Quarters:	DD
Gravel Packed:	Y	Legal Quarters:	SE SE
Top Perf:	10	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	2	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:	klohair	Utm X:	374054.44740041
Date Entry:	10/3/1995	Utm Y:	4447926.83643774
Date Update:	11/27/1995	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	PROP USE=MONITOR OWNR NO=MW3		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	64923	Notice of Intent:	32874
Waiver No:		Yield:	
Sequence No:	43460	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	1/11/1996	Static Wl:	10
Well Start Date:	9/7/1995	Temperature:	
Well Finish Date:	9/7/1995	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW2
Work Type Code:	P	Owner Current:	JACKPOT FOODMART
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1028



## Wells and Additional Sources Detail Report

Work Type Rmks:	Contractor Lic No: 34525
Prop Use Code: G	Contractor Drlr No:
Prop Use Desc: Monitoring Well	Contractor Name: ANDRESEN EXPLORATION DRILLING KLOHAIR
Drilling Mthd Code: B	User ID:
Drilling Mthd Desc: Bored or Augered	Parcel No:
Test Method Code:	Lot No:
Test Mthd Desc:	Block No:
Aquifer Desc:	Subdivision Name:
Depth Seal: 25	SC: 32027
Depth Drilled: 25	HA: 073
Depth Bedrock:	Twn: N27
Depth Cased: 25	Legal Twn: 27N
Qual Const Data: G	Rng: E31
Qual Lith Data: G	Legal Rng: 31E
Gravel Pack Top: 0	Sec: 27
Gravel Pack Bot: 0	Sec Quarters: DD
Gravel Packed: N	Legal Quarters: SE SE
Top Perf: 5	Quarters Seq:
Bottom Perf: 25	Latitude: 40.1741676330566
Perf Intervals: 1	Longitude: 118.479164123535
Casing Diameter: 4	Lat Long Src: NV003
Casing Reductions: 0	Lat Long Acc: T
Update User ID:	Utm X: 374054.44740041
Date Entry: 5/12/1997	Utm Y: 4447926.83643774
Date Update:	Remarks Add:
Date Cmpl Acc: D	
Owner Address: 365 CORNELL ST LOVELOCK NV	
Contractor Addr: 1635 BELFORD RD RENO NV 89509	
Remarks: OLD WAIVER NO=MO896	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log: 48527	Notice of Intent: 27442
Waiver No: MO896	Yield:
Sequence No: 25085	Drawdown:
Date Log Rcvd Acc: D	Hours Pumped:
Date Log Rcvd: 5/5/1995	Static Wl: 15
Well Start Date: 2/7/1995	Temperature:
Well Finish Date: 2/7/1995	Ref: MD
Edit Status: F	App:
Site Type Code: N	Source Agency: NV003
Site Type Desc: New	Owner No: MW4
Work Type Code: N	Owner Current: TIME OIL COMPANY
Work Type Desc: New	Driller Lic No: 1028
Work Type Rmks:	Contractor Lic No: 34525

## Wells and Additional Sources Detail Report

Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING KLOHAIR
Drilling Mthd Code:	B	User ID:	KLOHAIR
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	13	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	13	Sec:	27
Gravel Pack Bot:	25	Sec Quarters:	DD
Gravel Packed:	Y	Legal Quarters:	SE SE
Top Perf:	10	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	2	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:	klohair	Utm X:	374054.44740041
Date Entry:	10/3/1995	Utm Y:	4447926.83643774
Date Update:	11/27/1995	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	PROP USE=MONITOR OWNR NO=MW4		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	64925	Notice of Intent:	32874
Waiver No:		Yield:	
Sequence No:	43462	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	1/11/1996	Static Wl:	11
Well Start Date:	9/7/1995	Temperature:	
Well Finish Date:	9/7/1995	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW1
Work Type Code:	P	Owner Current:	JACKPOT FOODMART
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1028
Work Type Rmks:		Contractor Lic No:	34525
Prop Use Code:	G	Contractor Drlr No:	

# Wells and Additional Sources Detail Report

Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING
Drilling Mthd Code:	B	User ID:	KLOHAIR
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	25	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	0	Sec:	27
Gravel Pack Bot:	0	Sec Quarters:	DD
Gravel Packed:	N	Legal Quarters:	SE SE
Top Perf:	5	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	2	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:		Utm X:	374054.44740041
Date Entry:	5/12/1997	Utm Y:	4447926.83643774
Date Update:		Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	OLD WAIVER NO=MO896		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.93	4,930.38	3,977.88	WATER WELLS

Well Log:	64921	Notice of Intent:	32874
Waiver No:		Yield:	
Sequence No:	43458	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	1/11/1996	Static WI:	11
Well Start Date:	9/7/1995	Temperature:	
Well Finish Date:	9/7/1995	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW4
Work Type Code:	P	Owner Current:	JACKPOT FOODMART
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1028
Work Type Rmks:		Contractor Lic No:	34525
Prop Use Code:	G	Contractor Drlr No:	
Prop Use Desc:	Monitoring Well	Contractor Name:	ANDRESEN EXPLORATION DRILLING

## Wells and Additional Sources Detail Report

Drilling Mthd Code:	B	User ID:	KLOHAIR
Drilling Mthd Desc:	Bored or Augered	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:	25	SC:	32027
Depth Drilled:	25	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:	25	Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:	0	Sec:	27
Gravel Pack Bot:	0	Sec Quarters:	DD
Gravel Packed:	N	Legal Quarters:	SE SE
Top Perf:	5	Quarters Seq:	
Bottom Perf:	25	Latitude:	40.1741676330566
Perf Intervals:	1	Longitude:	118.479164123535
Casing Diameter:	2	Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	T
Update User ID:	klohair	Utm X:	374054.44740041
Date Entry:	5/12/1997	Utm Y:	4447926.83643774
Date Update:	5/15/1997	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL ST LOVELOCK NV		
Contractor Addr:	1635 BELFORD RD RENO NV 89509		
Remarks:	OWNR NO=MW4 OLD WAIVER NO=MO-896		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log:	90697	Notice of Intent:	50006
Waiver No:		Yield:	
Sequence No:	75624	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	6/2/2003	Static Wl:	
Well Start Date:	4/16/2003	Temperature:	
Well Finish Date:	4/16/2003	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW-02
Work Type Code:	P	Owner Current:	TIME OIL COMPANY
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1977
Work Type Rmks:		Contractor Lic No:	51207
Prop Use Code:	U	Contractor Drlr No:	
Prop Use Desc:	Unused	Contractor Name:	CASCADE DRILLING INC
Drilling Mthd Code:	U	User ID:	DLAMB

## Wells and Additional Sources Detail Report

Drilling Mthd Desc:	Unknown	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	JACKPOT FOOD MART
Depth Seal:		SC:	32027
Depth Drilled:	22	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:		Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:		Sec:	27
Gravel Pack Bot:		Sec Quarters:	DD
Gravel Packed:		Legal Quarters:	SE SE
Top Perf:		Quarters Seq:	
Bottom Perf:		Latitude:	40.1741676330566
Perf Intervals:		Longitude:	118.479446411133
Casing Diameter:		Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	M
Update User ID:	DLAMB	Utm X:	374030.794760971
Date Entry:	10/15/2003	Utm Y:	4447927.23048473
Date Update:	3/9/2004	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL STREET LOVELOCK		
Contractor Addr:	3632 OMEC CIRCLE RANCHO CORDOVA, CA 95742		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log:	90747	Notice of Intent:	50013
Waiver No:		Yield:	
Sequence No:	75689	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	6/2/2003	Static Wl:	
Well Start Date:	4/16/2003	Temperature:	
Well Finish Date:	4/16/2003	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW-08
Work Type Code:	P	Owner Current:	TIME OIL COMPANY
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1977
Work Type Rmks:	ADDRESS AT WELL LOC ALSO=JACKPOT FOOD MART	Contractor Lic No:	51207
Prop Use Code:	U	Contractor Drlr No:	
Prop Use Desc:	Unused	Contractor Name:	CASCADE DRILLING INC
Drilling Mthd Code:	U	User ID:	DLAMB
Drilling Mthd Desc:	Unknown	Parcel No:	

# Wells and Additional Sources Detail Report

Test Method Code:	Lot No:
Test Mthd Desc:	Block No:
Aquifer Desc:	Subdivision Name:
Depth Seal:	SC: 32027
Depth Drilled: 22	HA: 073
Depth Bedrock:	Twn: N27
Depth Cased:	Legal Twn: 27N
Qual Const Data: G	Rng: E31
Qual Lith Data: G	Legal Rng: 31E
Gravel Pack Top:	Sec: 27
Gravel Pack Bot:	Sec Quarters: DD
Gravel Packed:	Legal Quarters: SE SE
Top Perf:	Quarters Seq:
Bottom Perf:	Latitude: 40.1741676330566
Perf Intervals:	Longitude: 118.479446411133
Casing Diameter:	Lat Long Src: NV003
Casing Reductions: 0	Lat Long Acc: M
Update User ID: DLAMB	Utm X: 374030.794760971
Date Entry: 10/16/2003	Utm Y: 4447927.23048473
Date Update: 2/23/2004	Remarks Add:
Date Cmpl Acc: D	
Owner Address: 365 CORNELL STREET LOVELOCK	
Contractor Addr: 3632 OMEC CIRCLE RANCHO CORDOVA CA 95742	
Remarks:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log: 90737	Notice of Intent: 50012
Waiver No:	Yield:
Sequence No: 75679	Drawdown:
Date Log Rcvd Acc: D	Hours Pumped:
Date Log Rcvd: 6/2/2003	Static WI:
Well Start Date: 4/16/2003	Temperature:
Well Finish Date: 4/16/2003	Ref: MD
Edit Status: F	App:
Site Type Code: E	Source Agency: NV003
Site Type Desc: Existing (Deepen)	Owner No: MW-07
Work Type Code: P	Owner Current: TIME OIL COMPANY
Work Type Desc: Plug or Abandonment	Driller Lic No: 1977
Work Type Rmks: ADDRESS AT WELL LOC ALSO=JACKPOT FOOD MART	Contractor Lic No: 51207
Prop Use Code: U	Contractor Drlr No:
Prop Use Desc: Unused	Contractor Name: CASCADE DRILLING INC
Drilling Mthd Code: U	User ID: DLAMB
Drilling Mthd Desc: Unknown	Parcel No:
Test Method Code:	Lot No:

# Wells and Additional Sources Detail Report

Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	JACKPOT FOOD MART
Depth Seal:		SC:	32027
Depth Drilled:	22	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:		Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:		Sec:	27
Gravel Pack Bot:		Sec Quarters:	DD
Gravel Packed:		Legal Quarters:	SE SE
Top Perf:		Quarters Seq:	
Bottom Perf:		Latitude:	40.1741676330566
Perf Intervals:		Longitude:	118.479446411133
Casing Diameter:		Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	M
Update User ID:	DLAMB	Utm X:	374030.794760971
Date Entry:	10/16/2003	Utm Y:	4447927.23048473
Date Update:	2/23/2004	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL STREET LOVELOCK		
Contractor Addr:	3632 OMEC CIRCLE RANCHO CORDOVA CA 95742		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log:	90735	Notice of Intent:	50010
Waiver No:		Yield:	
Sequence No:	75677	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	6/2/2003	Static Wl:	
Well Start Date:	4/16/2003	Temperature:	
Well Finish Date:	4/16/2003	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW-05
Work Type Code:	P	Owner Current:	TIME OIL COMPANY
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1977
Work Type Rmks:	ADDRESS AT WELL LOCATION ALSO=JACKPOT FOOD MART	Contractor Lic No:	51207
Prop Use Code:	U	Contractor Drlr No:	
Prop Use Desc:	Unused	Contractor Name:	CASCADE DRILLING INC
Drilling Mthd Code:	U	User ID:	DLAMB
Drilling Mthd Desc:	Unknown	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	

## Wells and Additional Sources Detail Report

Aquifer Desc:	Subdivision Name:	JACKPOT FOOT MART
Depth Seal:	SC:	32027
Depth Drilled: 24	HA:	073
Depth Bedrock:	Twn:	N27
Depth Cased:	Legal Twn:	27N
Qual Const Data: G	Rng:	E31
Qual Lith Data: G	Legal Rng:	31E
Gravel Pack Top:	Sec:	27
Gravel Pack Bot:	Sec Quarters:	DD
Gravel Packed:	Legal Quarters:	SE SE
Top Perf:	Quarters Seq:	
Bottom Perf:	Latitude:	40.1741676330566
Perf Intervals:	Longitude:	118.479446411133
Casing Diameter:	Lat Long Src:	NV003
Casing Reductions: 0	Lat Long Acc:	M
Update User ID: DLAMB	Utm X:	374030.794760971
Date Entry: 10/16/2003	Utm Y:	4447927.23048473
Date Update: 2/23/2004	Remarks Add:	
Date Cmpl Acc: D		
Owner Address: 365 CORNELL STREET LOVELOCK		
Contractor Addr: 3632 OMEC CIRCLE RANCHO CORDOVA CA 95742		
Remarks:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log: 90696	Notice of Intent:	50007
Waiver No:	Yield:	
Sequence No: 75623	Drawdown:	
Date Log Rcvd Acc: D	Hours Pumped:	
Date Log Rcvd: 6/2/2003	Static WI:	
Well Start Date: 4/16/2003	Temperature:	
Well Finish Date: 4/16/2003	Ref:	MD
Edit Status: F	App:	
Site Type Code: E	Source Agency:	NV003
Site Type Desc: Existing (Deepen)	Owner No:	MW-01
Work Type Code: P	Owner Current:	TIME OIL COMPANY
Work Type Desc: Plug or Abandonment	Driller Lic No:	1977
Work Type Rmks:	Contractor Lic No:	51207
Prop Use Code: U	Contractor Drlr No:	
Prop Use Desc: Unused	Contractor Name:	CASCADE DRILLING INC
Drilling Mthd Code: U	User ID:	DLAMB
Drilling Mthd Desc: Unknown	Parcel No:	
Test Method Code:	Lot No:	
Test Mthd Desc:	Block No:	
Aquifer Desc:	Subdivision Name:	JACKPOT FOOD MART



## Wells and Additional Sources Detail Report

Depth Seal:	SC:	32027
Depth Drilled: 24	HA:	073
Depth Bedrock:	Twn:	N27
Depth Cased:	Legal Twn:	27N
Qual Const Data: G	Rng:	E31
Qual Lith Data: G	Legal Rng:	31E
Gravel Pack Top:	Sec:	27
Gravel Pack Bot:	Sec Quarters:	DD
Gravel Packed:	Legal Quarters:	SE SE
Top Perf:	Quarters Seq:	
Bottom Perf:	Latitude:	40.1741676330566
Perf Intervals:	Longitude:	118.479446411133
Casing Diameter:	Lat Long Src:	NV003
Casing Reductions: 0	Lat Long Acc:	M
Update User ID: DLAMB	Utm X:	374030.794760971
Date Entry: 10/15/2003	Utm Y:	4447927.23048473
Date Update: 3/9/2004	Remarks Add:	
Date Cmpl Acc: D		
Owner Address: 365 CORNELL STREET LOVELOCK		
Contractor Addr: 3632 OMEC CIRCLE RANCHO CORDOVA CA 95742		
Remarks: PROP USE=UNKNOWN		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log: 90736	Notice of Intent: 50011
Waiver No:	Yield:
Sequence No: 75678	Drawdown:
Date Log Rcvd Acc: D	Hours Pumped:
Date Log Rcvd: 6/2/2003	Static Wl:
Well Start Date: 4/16/2003	Temperature:
Well Finish Date: 4/16/2003	Ref: MD
Edit Status: F	App:
Site Type Code: E	Source Agency: NV003
Site Type Desc: Existing (Deepen)	Owner No: MW-06
Work Type Code: P	Owner Current: TIME OIL COMPANY
Work Type Desc: Plug or Abandonment	Driller Lic No: 1977
Work Type Rmks: ADDRESS AT WELL LOCATION ALSO=JACKPOT FOOD MART	Contractor Lic No: 51207
Prop Use Code: U	Contractor Drlr No:
Prop Use Desc: Unused	Contractor Name: CASCADE DRILLING INC
Drilling Mthd Code: U	User ID: DLAMB
Drilling Mthd Desc: Unknown	Parcel No:
Test Method Code:	Lot No:
Test Mthd Desc:	Block No:
Aquifer Desc:	Subdivision Name:
Depth Seal:	SC: 32027

## Wells and Additional Sources Detail Report

Depth Drilled:	22	HA:	073
Depth Bedrock:		Twn:	N27
Depth Cased:		Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:		Sec:	27
Gravel Pack Bot:		Sec Quarters:	DD
Gravel Packed:		Legal Quarters:	SE SE
Top Perf:		Quarters Seq:	
Bottom Perf:		Latitude:	40.1741676330566
Perf Intervals:		Longitude:	118.479446411133
Casing Diameter:		Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	M
Update User ID:	DLAMB	Utm X:	374030.794760971
Date Entry:	10/16/2003	Utm Y:	4447927.23048473
Date Update:	2/23/2004	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL STREET_LOVELOCK		
Contractor Addr:	3632 OMEC CIRCLE RANCHO CORDOVA CA 95742		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log:	90698	Notice of Intent:	50008
Waiver No:		Yield:	
Sequence No:	75625	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	6/2/2003	Static Wl:	
Well Start Date:	4/16/2003	Temperature:	
Well Finish Date:	4/16/2003	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW-03
Work Type Code:	P	Owner Current:	TIME OIL COMPANY
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1977
Work Type Rmks:		Contractor Lic No:	51207
Prop Use Code:	U	Contractor Drlr No:	
Prop Use Desc:	Unused	Contractor Name:	CASCADE DRILLING INC
Drilling Mthd Code:	U	User ID:	DLAMB
Drilling Mthd Desc:	Unknown	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	JACKPOT FOOD MART
Depth Seal:		SC:	32027
Depth Drilled:	22	HA:	073

## Wells and Additional Sources Detail Report

Depth Bedrock:		TwN:	N27
Depth Cased:		Legal TwN:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:		Sec:	27
Gravel Pack Bot:		Sec Quarters:	DD
Gravel Packed:		Legal Quarters:	SE SE
Top Perf:		Quarters Seq:	
Bottom Perf:		Latitude:	40.1741676330566
Perf Intervals:		Longitude:	118.479446411133
Casing Diameter:		Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	M
Update User ID:	DLAMB	Utm X:	374030.794760971
Date Entry:	10/15/2003	Utm Y:	4447927.23048473
Date Update:	3/9/2004	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL STREET LOVELOCK		
Contractor Addr:	3632 OMEC CIRCLE RANCHO CORDOVA CA 95742		
Remarks:	PROP USE=UNKNOWN		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.93	4,933.42	3,977.23	WATER WELLS

Well Log:	90722	Notice of Intent:	50009
Waiver No:		Yield:	
Sequence No:	75664	Drawdown:	
Date Log Rcvd Acc:	D	Hours Pumped:	
Date Log Rcvd:	6/2/2003	Static WI:	
Well Start Date:	4/16/2003	Temperature:	
Well Finish Date:	4/16/2003	Ref:	MD
Edit Status:	F	App:	
Site Type Code:	E	Source Agency:	NV003
Site Type Desc:	Existing (Deepen)	Owner No:	MW-04
Work Type Code:	P	Owner Current:	TIME OIL COMPANY
Work Type Desc:	Plug or Abandonment	Driller Lic No:	1977
Work Type Rmks:	ADDRESS AT WELL LOCATION ALSO=JACKPOT FOOD MART	Contractor Lic No:	51207
Prop Use Code:	U	Contractor Drlr No:	
Prop Use Desc:	Unused	Contractor Name:	CASCADE DRILLING INC
Drilling Mthd Code:	U	User ID:	DLAMB
Drilling Mthd Desc:	Unknown	Parcel No:	
Test Method Code:		Lot No:	
Test Mthd Desc:		Block No:	
Aquifer Desc:		Subdivision Name:	
Depth Seal:		SC:	32027
Depth Drilled:	24	HA:	073
Depth Bedrock:		TwN:	N27

## Wells and Additional Sources Detail Report

Depth Cased:		Legal Twn:	27N
Qual Const Data:	G	Rng:	E31
Qual Lith Data:	G	Legal Rng:	31E
Gravel Pack Top:		Sec:	27
Gravel Pack Bot:		Sec Quarters:	DD
Gravel Packed:		Legal Quarters:	SE SE
Top Perf:		Quarters Seq:	
Bottom Perf:		Latitude:	40.1741676330566
Perf Intervals:		Longitude:	118.479446411133
Casing Diameter:		Lat Long Src:	NV003
Casing Reductions:	0	Lat Long Acc:	M
Update User ID:	DLAMB	Utm X:	374030.794760971
Date Entry:	10/16/2003	Utm Y:	4447927.23048473
Date Update:	2/23/2004	Remarks Add:	
Date Cmpl Acc:	D		
Owner Address:	365 CORNELL STREET LOVELOCK		
Contractor Addr:	3632 OMEC CIRCLE RANCHO CORDOVA, CA 95742		
Remarks:			

## Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *PERSHING* County: 1

*Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L*

*Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L*

*Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L*

---

Federal Area Radon Information for *LOVELOCK* City

No Measures/Homes:	32
Arithmetic Mean:	7.9
Maximum:	40.7
Minimum:	0.7
% >4 pCi/L:	56.3
Notes on Data Table:	TABLE 2. Screening indoor radon data for cities in Nevada with 10 or more usable indoor radon measurements. Data represent charcoal-canister tests made between 1989 and 1991.

## **Federal Sources**

### **FEMA National Flood Hazard Layer**

**FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

### **Indoor Radon Data**

**INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

### **Public Water Systems Violations and Enforcement Data**

**PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Radon Zone Level**

**RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

### **Safe Drinking Water Information System (SDWIS)**

**SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

### **Soil Survey Geographic database**

**SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

### **U.S. Fish & Wildlife Service Wetland Data**

**US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

### **USGS Current Topo**

**US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

### **USGS Geology**

**US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

### **USGS National Water Information System**

**FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

## **State Sources**

### **Oil and Gas Wells**

**OGW**

Oil and Gas Wells Data maintained by Nevada Bureau of Mines and Geology.

## Well Log Database

The Division of Water Resources maintains a well log database that reports on water wells drilled in the State of Nevada. The location information may pertain to the physical location, contact or mailing address.

## WATER WELLS

## Liability Notice

**Reliance on information in Report:** The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

**License for use of information in Report:** No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

**Your Liability for misuse:** Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

**No warranty of Accuracy or Liability for ERIS:** The information contained in this report has been produced by ERIS Information Inc. ("ERIS") using various sources of information, including information provided by Federal and State government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS Information Inc. disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

**Trademark and Copyright:** You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report(s) are protected by copyright owned by ERIS Information Inc. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.



# Appendix D



# DATABASE REPORT

**Project Property:** *Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34  
Lovelock NV 89419*

**Project No:** *19-23216-01*

**Report Type:** *Database Report*

**Order No:** *20191231097*

**Requested by:** *Converse Consultants*

**Date Completed:** *January 14, 2020*

# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary by Data Source.....	9
Map.....	11
Aerial.....	14
Topographic Map.....	15
Detail Report.....	16
Unplottable Summary.....	21
Unplottable Report.....	22
Appendix: Database Descriptions.....	25
Definitions.....	33

## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

**License for use of information in Report:** No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

**Your Liability for misuse:** Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

**No warranty of Accuracy or Liability for ERIS:** The information contained in this report has been produced by ERIS Information Inc. ("ERIS") using various sources of information, including information provided by Federal and State government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

**Trademark and Copyright:** You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Inc. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

# Executive Summary

## Property Information:

**Project Property:** *Lovelock Industrial Park  
73 American Blvd and T27 R31 SEC 34 Lovelock NV 89419*

**Project No:** *19-23216-01*

**Coordinates:**

<b>Latitude:</b>	<i>40.16022707</i>
<b>Longitude:</b>	<i>-118.47791679</i>
<b>UTM Northing:</b>	<i>4,446,588.94</i>
<b>UTM Easting:</b>	<i>374,115.63</i>
<b>UTM Zone:</b>	<i>11T</i>

**Elevation:** *3,968 FT*

## Order Information:

**Order No:** *20191231097*

**Date Requested:** *December 31, 2019*

**Requested by:** *Converse Consultants*

**Report Type:** *Database Report*

## Historicals/Products:

<b>Aerial Photographs</b>	<i>Historical Aerials (Boundaries)</i>
<b>City Directory Search</b>	<i>CD - 2 Street Search</i>
<b>ERIS Xplorer</b>	<a href="#"><i>ERIS Xplorer</i></a>
<b>Excel Add-On</b>	<i>Excel Add-On</i>
<b>Fire Insurance Maps</b>	<i>US Fire Insurance Maps</i>
<b>Physical Setting Report (PSR)</b>	<i>Physical Setting Report (PSR)</i>
<b>Topographic Map</b>	<i>Topographic Maps</i>

# Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<b><u>Standard Environmental Records</u></b>								
<b>Federal</b>								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA CESQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<b>State</b>								
SHWS	Y	1	0	0	0	1	5	6
DSHW	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
UST NONCOMP	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
<b>Tribal</b>								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
<b>County</b>	<b>No County databases were selected to be included in the search.</b>							
<b><u>Additional Environmental Records</u></b>								
<b>Federal</b>								
PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	2	-	-	-	2
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
<b>State</b>								
SPILLS	Y	0.125	0	0	-	-	-	0
HIST SPL	Y	0.125	0	0	-	-	-	0
<b>Tribal</b>	<b>No Tribal additional environmental record sources available for this State.</b>							
<b>County</b>	<b>No County additional environmental record sources available for this State.</b>							
<hr/>								
<b>Total:</b>			0	2	0	1	5	8

\* PO – Property Only

\* 'Property and adjoining properties' database search radii are set at 0.25 miles.

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.



## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<a href="#">1</a>	FINDS/FRS	PITT MILL ELEVATOR CO	LOVELOCK AREA LOVELOCK NV 89419	NNW	0.01 / 45.34	0	<a href="#">16</a>
<a href="#">1</a>	FINDS/FRS	NEVADA BELL	20MI SE LOVELOCK LOVELOCK NV 89419	NNW	0.01 / 45.34	0	<a href="#">16</a>
<a href="#">2</a>	SHWS	Lovelock Bulk Plant 3011	500 Industrial Way Lovelock NV APN: Lovelock NV	N	0.42 / 2,239.82	4	<a href="#">17</a>
<a href="#">3</a>	SHWS	ZJ Transportation Mobile Source	Primary Street: Interstate 80 Bound: Mile Marker: Mile Marker 105 Colado NV	NW	0.55 / 2,913.65	5	<a href="#">17</a>
<a href="#">4</a>	SHWS	Munk Brothers Property	110 East Broadway Lovelock NV APN: 650 NV	N	0.88 / 4,649.19	9	<a href="#">18</a>
<a href="#">5</a>	SHWS	Vonsild Service	310 Cornell Avenue Lovelock NV APN: 635 NV	N	0.93 / 4,898.82	10	<a href="#">18</a>
<a href="#">6</a>	SHWS	Jackpot Food Mart-- EXXON	365 Cornell Avenue Lovelock NV APN: 575 Lovelock NV	N	0.95 / 4,993.03	10	<a href="#">19</a>
<a href="#">7</a>	SHWS	Lovelock Shell	415 Cornell Street Lovelock NV APN: 1136 NV	N	0.98 / 5,152.37	10	<a href="#">19</a>

## Executive Summary: Summary by Data Source

### **Standard**

#### **State**

##### **SHWS - Bureau of Corrective Actions' Project Tracking Database**

A search of the SHWS database, dated Nov 18, 2019 has found that there are 6 SHWS site(s) within approximately 1.00 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
Lovelock Bulk Plant 3011	500 Industrial Way Lovelock NV APN: Lovelock NV	N	0.42 / 2,239.82	<a href="#"><u>2</u></a>
ZJ Transportation Mobile Source	Primary Street: Interstate 80 Bound: Mile Marker: Mile Marker 105 Colado NV	NW	0.55 / 2,913.65	<a href="#"><u>3</u></a>
Munk Brothers Property	110 East Broadway Lovelock NV APN: 650 NV	N	0.88 / 4,649.19	<a href="#"><u>4</u></a>
Vonsild Service	310 Cornell Avenue Lovelock NV APN: 635 NV	N	0.93 / 4,898.82	<a href="#"><u>5</u></a>
Jackpot Food Mart--EXXON	365 Cornell Avenue Lovelock NV APN: 575 Lovelock NV	N	0.95 / 4,993.03	<a href="#"><u>6</u></a>
Lovelock Shell	415 Cornell Street Lovelock NV APN: 1136 NV	N	0.98 / 5,152.37	<a href="#"><u>7</u></a>

### **Non Standard**

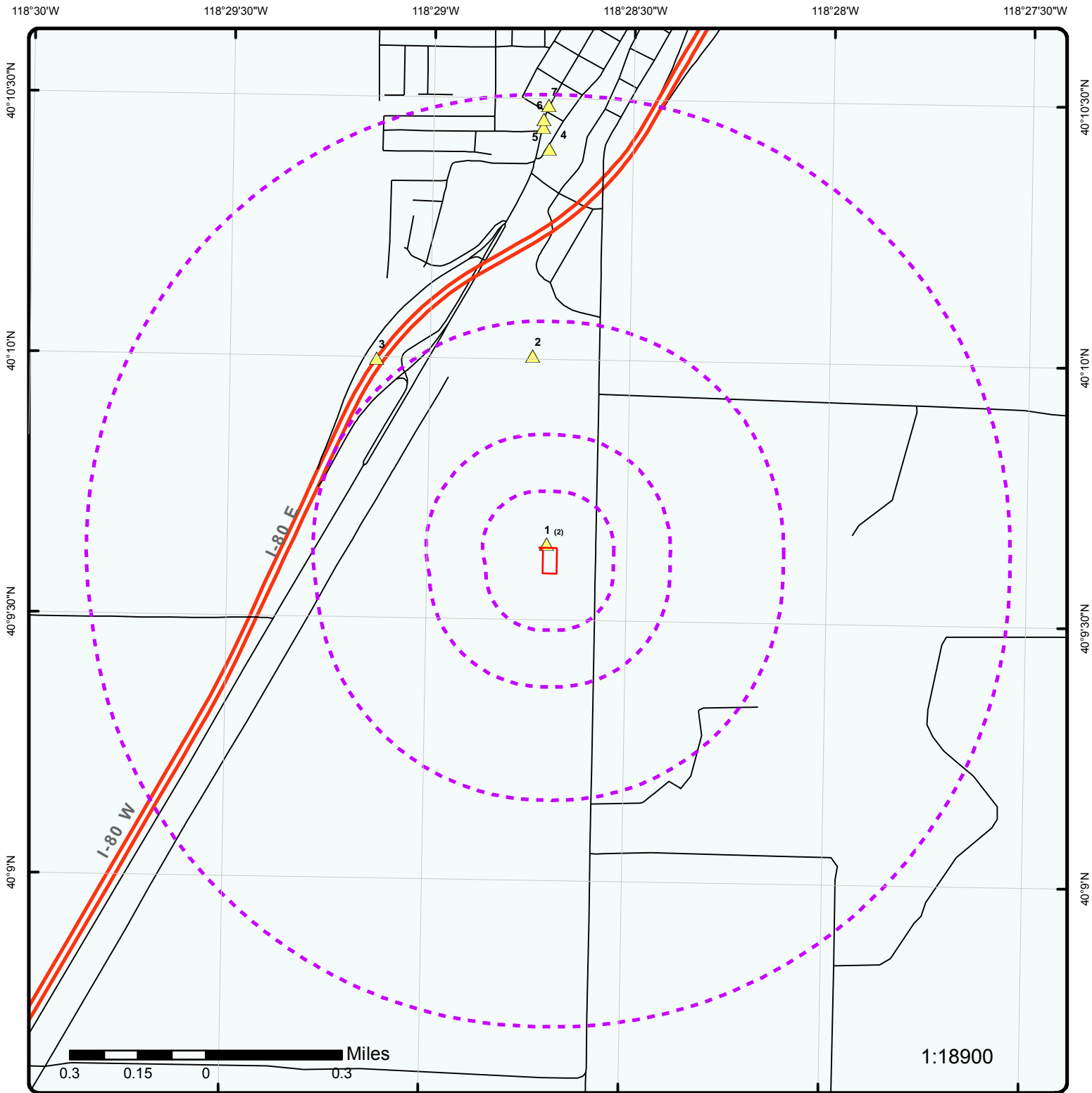
#### **Federal**

##### **FINDS/FRS - Facility Registry Service/Facility Index**

A search of the FINDS/FRS database, dated Nov 6, 2019 has found that there are 2 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
PITT MILL ELEVATOR CO	LOVELOCK AREA LOVELOCK NV 89419	NNW	0.01 / 45.34	<a href="#"><u>1</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NEVADA BELL	20MI SE LOVELOCK LOVELOCK NV 89419	NNW	0.01 / 45.34	<a href="#">1</a>



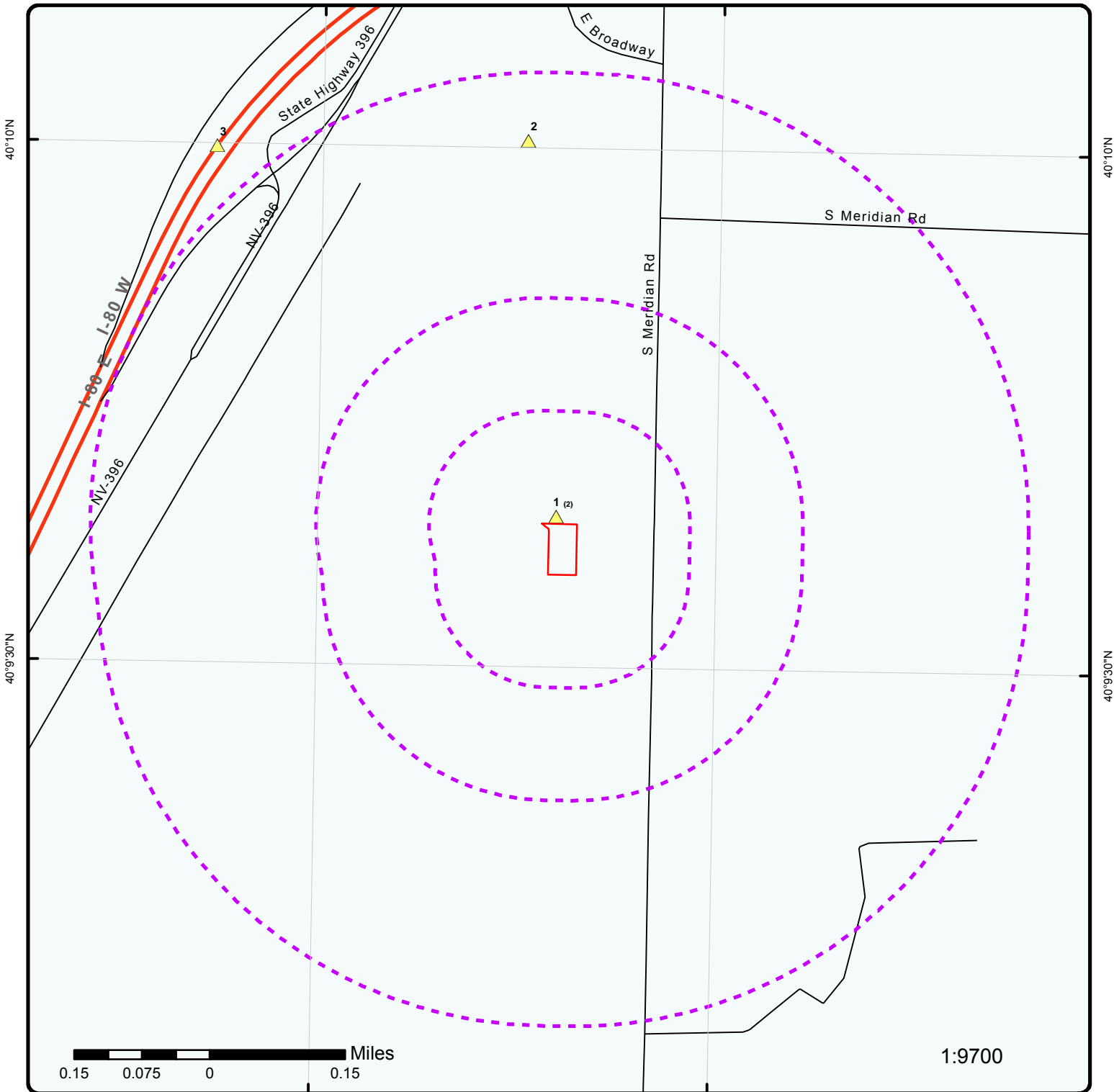
### Map : 1.0 Mile Radius

Order Number: 20191231097

Address: 73 American Blvd and T27 R31 SEC 34, Lovelock, NV



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



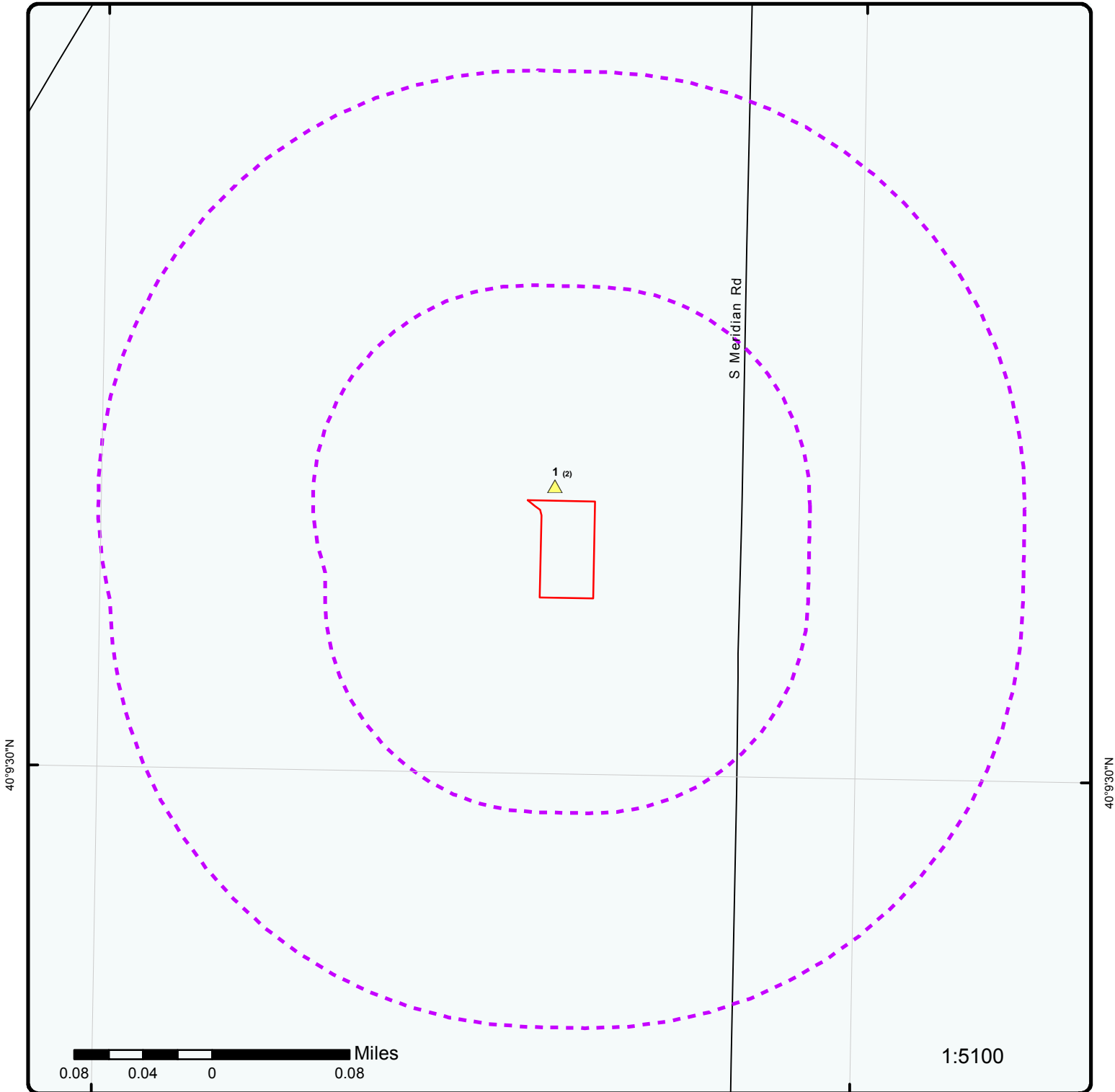
### Map : 0.5 Mile Radius

Order Number: 20191231097

Address: 73 American Blvd and T27 R31 SEC 34, Lovelock, NV



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



### Map : 0.25 Mile Radius

Order Number: 20191231097

Address: 73 American Blvd and T27 R31 SEC 34, Lovelock, NV



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

118°29'W

118°28'30"W

40°10'N

40°10'N

40°9'30"N

40°9'30"N

40°9'N

40°9'N



1:10000

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Aerial** Year: 2018

Address: 73 American Blvd and T27 R31 SEC 34, Lovelock, NV

Source: ESRI World Imagery

Order Number: 20191231097



© ERIS Information Inc.

118°30'W

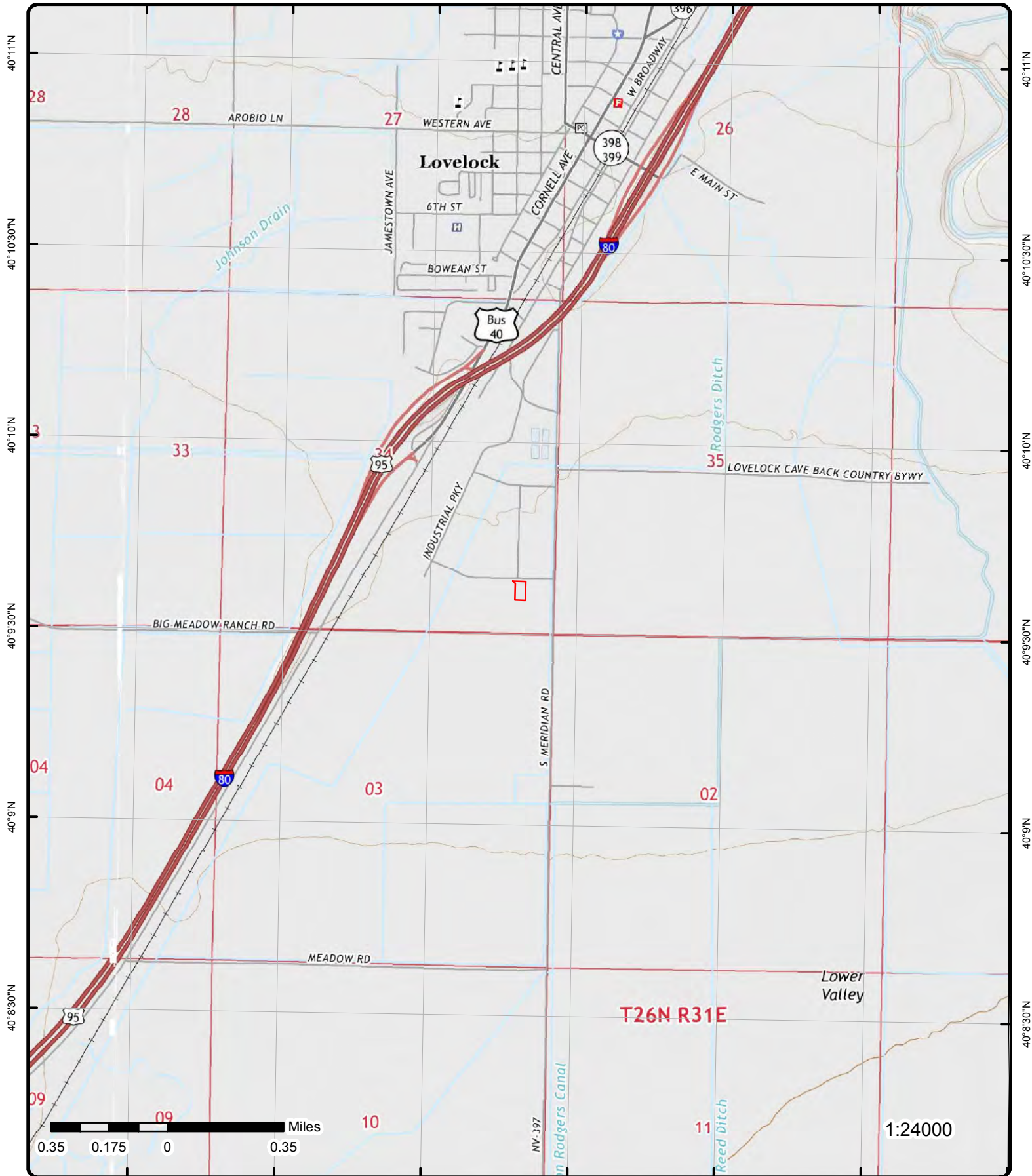
118°29'30"W

118°29'W

118°28'30"W

118°28'W

118°27'30"W



# Topographic Map Year: 2015; 2014

Address: 73 American Blvd and T27 R31 SEC 34, NV

Quadrangle(s): Lovelock, NV; West of Lovelock, NV

Source: USGS Topographic Map

Order Number: 20191231097



© ERIS Information Inc.



# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">1</a>	1 of 2	NNW	0.01 / 45.34	3,968.70 / 0	PITT MILL ELEVATOR CO LOVELOCK AREA LOVELOCK NV 89419	FINDS/FRS

**Registry ID:** 110011660719  
**FIPS Code:** 32027  
**HUC Code:** 16040108  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 03-JUL-2002 12:21:50  
**Interest Types:** COMPLIANCE ACTIVITY  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS-GEOCODE  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No:** 02  
**Census Block Code:** 320279601002268  
**EPA Region Code:** 09  
**County Name:** PERSHING  
**US/Mexico Border Ind:**  
**Latitude:** 40.16076  
**Longitude:** -118.47833  
**Reference Point:** ENTRANCE POINT OF A FACILITY OR STATION  
**Coord Collection Method:** ADDRESS MATCHING-BLOCK FACE  
**Accuracy Value:** 500  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/frs\\_public2/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110011660719](http://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110011660719)  
**Program Acronyms:**

NCDB:I09#1987111202321 2

<a href="#">1</a>	2 of 2	NNW	0.01 / 45.34	3,968.70 / 0	NEVADA BELL 20MI SE LOVELOCK LOVELOCK NV 89419	FINDS/FRS
-------------------	--------	-----	--------------	--------------	--	-----------

**Registry ID:** 110007981602  
**FIPS Code:** 32027  
**HUC Code:** 16040108  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 27-JAN-2012 01:23:49  
**Interest Types:** UNSPECIFIED UNIVERSE  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS-GEOCODE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No:** 02  
**Census Block Code:** 320279601002268  
**EPA Region Code:** 09  
**County Name:** PERSHING  
**US/Mexico Border Ind:**  
**Latitude:** 40.16076  
**Longitude:** -118.47833  
**Reference Point:** ENTRANCE POINT OF A FACILITY OR STATION  
**Coord Collection Method:** ADDRESS MATCHING-BLOCK FACE  
**Accuracy Value:** 500  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** http://ofmpub.epa.gov/frs\_public2/fii\_query\_detail.disp\_program\_facility?p\_registry\_id=110007981602  
**Program Acronyms:**  
 RCRAINFO:NVT330010737

<u>2</u>	1 of 1	N	0.42 / 2,239.82	3,971.97 / 4	Lovelock Bulk Plant 3011 500 Industrial Way Lovelock NV APN: Lovelock NV	SHWS
----------	--------	---	--------------------	-----------------	---	------

<b>Site Code:</b>	5-000342	<b>Facility Zip:</b>	
<b>County ID:</b>	14	<b>Facility Zip 4:</b>	
<b>County:</b>	Pershing	<b>Lat Decdeg:</b>	40.1720857
<b>City:</b>	Lovelock	<b>Long Decdeg:</b>	-118.4775549

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

<b>Report Date:</b>	12/1/2011	<b>File Location:</b>	NDEP: Carson City
<b>Closure Date:</b>	2/1/2012	<b>Media:</b>	Soil
<b>Closure Type:</b>	Clean w/ Remed	<b>Contaminant:</b>	Diesel
<b>Program:</b>	non-LUST Corrective Action	<b>Event:</b>	
<b>Officer:</b>			
<b>Data List:</b>	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

**NDEP Open Data - non-LUST Sites - BCA**

<b>Site No:</b>	342	<b>File Loc:</b>	NDEP: Carson City
<b>Petroleum Fund ID:</b>		<b>Source:</b>	NDEP
<b>Spill No:</b>	111201-01	<b>Lat Dec Deg:</b>	40.1720857
<b>Event ID:</b>	8185	<b>Long Dec Deg:</b>	-118.4775549
<b>Event Type ID:</b>	3	<b>X:</b>	374191.164200000464916
<b>Event Type Category:</b>	Confirmed Release	<b>Y:</b>	4447903.911599999294
<b>Report Date:</b>	2011-12-01T00:00:00.000Z	<b>Datum:</b>	NAD83
<b>Closure Date:</b>	2012-02-01T00:00:00.000Z	<b>Collection Method:</b>	PN
<b>Program:</b>	non-LUST Corrective Action	<b>Contaminant:</b>	Diesel
<b>Media:</b>	Soil	<b>C Type:</b>	Clean w/ Remed
<b>Container:</b>	AST	<b>Date Last Modified:</b>	
<b>Contaminant Desc:</b>			
<b>Description:</b>			
<b>Coordinate Comments:</b>	Case Officer to update GPS coordinates when release location is confirmed.		

<u>3</u>	1 of 1	NW	0.55 / 2,913.65	3,973.41 / 5	ZJ Transportation Mobile Source Primary Street: Interstate 80 Bound: Mile Marker: Mile Marker 105 Colado NV	SHWS
----------	--------	----	--------------------	-----------------	---	------

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Code:	E-000047				Facility Zip:	
County ID:	14				Facility Zip 4:	
County:	Pershing				Lat Decdeg:	40.166626
City:	Colado				Long Decdeg:	-118.485539

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

Report Date:	9/19/2005	File Location:	NDEP: Carson City
Closure Date:		Media:	Soil
Closure Type:		Contaminant:	Other
Program:	non-LUST Corrective Action	Event:	Confirmed Release
Officer:	dfriedman		
Data List:	Site Cleanup - The Bureau's Project Tracking(PT) - Open Cases		

**NDEP Open Data - non-LUST Sites - BCA**

Site No:	47	File Loc:	NDEP: Carson City
Petroleum Fund ID:		Source:	NDEP
Spill No:	050919-01	Lat Dec Deg:	40.166626
Event ID:	7453	Long Dec Deg:	-118.485539
Event Type ID:	3	X:	373501.181300000287592
Event Type Category:	Confirmed Release	Y:	4447309.228599999
Report Date:	2005-09-19T00:00:00.000Z	Datum:	
Closure Date:		Collection Method:	
Program:	non-LUST Corrective Action	Contaminant:	Other
Media:	Soil	C Type:	
Container:	Mobile Source	Date Last Modified:	
Contaminant Desc:			
Description:			
Coordinate Comments:			

<a href="#">4</a>	1 of 1	N	0.88 / 4,649.19	3,977.23 / 9	Munk Brothers Property 110 East Broadway Lovelock NV APN: 650 NV	SHWS
Site Code:	5-000306	Facility Zip:				
County ID:		Facility Zip 4:				
County:	Pershing	Lat Decdeg:				
City:		Long Decdeg:				

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

Report Date:	1/1/1990	File Location:	NDEP: CC-Storage
Closure Date:	12/19/1996	Media:	Soil
Closure Type:		Contaminant:	
Program:		Event:	
Officer:			
Data List:	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

<a href="#">5</a>	1 of 1	N	0.93 / 4,898.82	3,977.90 / 10	Vonsild Service 310 Cornell Avenue Lovelock NV APN: 635 NV	SHWS
Site Code:	5-000177	Facility Zip:				
County ID:		Facility Zip 4:				
County:	Pershing	Lat Decdeg:				
City:		Long Decdeg:				

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

Report Date:	12/16/1998	File Location:	NDEP: CC-Storage
--------------	------------	----------------	------------------

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

<b>Closure Date:</b>	2/11/1999	<b>Media:</b>	Soil
<b>Closure Type:</b>	NAC 459 A-K	<b>Contaminant:</b>	Gasoline
<b>Program:</b>		<b>Event:</b>	
<b>Officer:</b>			
<b>Data List:</b>	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

<u>6</u>	1 of 1	N	0.95 / 4,993.03	3,977.99 / 10	Jackpot Food Mart--EXXON 365 Cornell Avenue Lovelock NV APN: 575 Lovelock NV	SHWS
----------	--------	---	--------------------	------------------	---	------

<b>Site Code:</b>	5-000109	<b>Facility Zip:</b>	
<b>County ID:</b>	14	<b>Facility Zip 4:</b>	
<b>County:</b>	Pershing	<b>Lat Decdeg:</b>	40.1743611
<b>City:</b>	Lovelock	<b>Long Decdeg:</b>	-118.4787367

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

<b>Report Date:</b>	1/8/2001	<b>File Location:</b>	NDEP: CC-Storage
<b>Closure Date:</b>	3/10/2003	<b>Media:</b>	Ground Water
<b>Closure Type:</b>	NAC 459.997	<b>Contaminant:</b>	Gasoline
<b>Program:</b>	LUST	<b>Event:</b>	
<b>Officer:</b>			
<b>Data List:</b>	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

<b>Report Date:</b>	1/8/2001	<b>File Location:</b>	NDEP: CC-Storage
<b>Closure Date:</b>	3/10/2003	<b>Media:</b>	Soil
<b>Closure Type:</b>	NAC 459.997	<b>Contaminant:</b>	Gasoline
<b>Program:</b>	LUST	<b>Event:</b>	
<b>Officer:</b>			
<b>Data List:</b>	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

<b>Report Date:</b>	1/1/1990	<b>File Location:</b>	NDEP: CC-Storage
<b>Closure Date:</b>	6/6/1995	<b>Media:</b>	Soil
<b>Closure Type:</b>		<b>Contaminant:</b>	
<b>Program:</b>		<b>Event:</b>	
<b>Officer:</b>			
<b>Data List:</b>	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

**NDEP Open Data - All BCA Sites**

<b>Site No:</b>	109	<b>File Loc:</b>	NDEP: CC-Storage
<b>Petroleum Fund ID:</b>		<b>Container:</b>	UST
<b>Spill No:</b>		<b>Source:</b>	NDEP
<b>Event ID:</b>	3451	<b>Lat Dec Deg:</b>	40.1743611
<b>Event Type ID:</b>	3	<b>Long Dec Deg:</b>	-118.4787367
<b>Event Type Category:</b>	Confirmed Release	<b>X:</b>	374094.7401
<b>Report Date:</b>	2001-01-08T00:00:00.000Z	<b>Y:</b>	4448158.1557
<b>Closure Date:</b>	2003-03-10T00:00:00.000Z	<b>Datum:</b>	NAD83
<b>Description:</b>		<b>Collection Method:</b>	UI
<b>Program:</b>	LUST	<b>C Type:</b>	
<b>Contaminant:</b>		<b>Date Last Modified:</b>	
<b>Media:</b>	Soil		
<b>Contaminant Desc:</b>			
<b>Coordinate Comments:</b>	Location obtained by geocoding FacilityAddress against Tiger 2007 streets.		

<u>7</u>	1 of 1	N	0.98 / 5,152.37	3,978.18 / 10	Lovelock Shell 415 Cornell Street Lovelock NV APN: 1136 NV	SHWS
----------	--------	---	--------------------	------------------	---	------

<b>Site Code:</b>	5-000026	<b>Facility Zip:</b>	
<b>County ID:</b>		<b>Facility Zip 4:</b>	
<b>County:</b>	Pershing	<b>Lat Decdeg:</b>	
<b>City:</b>		<b>Long Decdeg:</b>	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
----------------	--------------------------	------------------	-------------------------	-----------------------	-------------	-----------

---

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

<b>Report Date:</b>	1/1/1990	<b>File Location:</b>	NDEP: CC-Storage
<b>Closure Date:</b>	3/29/1990	<b>Media:</b>	Soil
<b>Closure Type:</b>	UST Clean Closure	<b>Contaminant:</b>	
<b>Program:</b>		<b>Event:</b>	
<b>Officer:</b>			
<b>Data List:</b>	Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases		

# Unplottable Summary

Total: 8 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AST	DALE JOHNSON	E Broadway	Lovelock NV	89419	820462096
		<i>Facility ID:</i> 5-000287 <i>Tank ID   Tank Status:</i> 1   Permanently Out of Use, 2   Permanently Out of Use, 4   Permanently Out of Use, 3   Permanently Out of Use			
DTNK	Dale Johnson	E Broadway	Lovelock NV	89419	820460900
SHWS	Granite Construction Company	Interstate 80 near Mile Marker	NV		820462955
SHWS	Milne Towing	Interstate 80 near Mile Marker	NV		820464910
SHWS	Nevada Department of Transportation	Interstate 80	NV		820464548
SHWS	Thiel Case	Primary Street: Interstate 80 Cross Street: Lovelock Exit Distance: Direction: City: Lovelock	NV		820463837
SHWS	Sierra Pacific Power Company	Sierra Place	NV		820466256
SHWS	Granite Construction Company, Hot Plant	Interstate 80 near Mile Marker	NV		820466486

# Unplottable Report

**Site:** DALE JOHNSON  
E Broadway Lovelock NV 89419

AST

**Facility ID:** 5-000287  
**Location Desc:**

## Tank Information

**Tank ID:** 1  
**Federally Regulated UST:** FALSE  
**AST:** TRUE  
**Tank Status:** Permanently Out of Use  
**Tank Capacity:** 12800  
**Substance:** Other (petroleum products)  
**Tank Material:** Asphalt Coated or Bare Steel  
**Sec Containment CP:** None  
**Pipe Material:** Not Listed  
**Sec Containment CP2:** None  
**Date Installed:** 1/1/1952

**Tank ID:** 2  
**Federally Regulated UST:** FALSE  
**AST:** TRUE  
**Tank Status:** Permanently Out of Use  
**Tank Capacity:** 12800  
**Substance:** Diesel  
**Tank Material:** Asphalt Coated or Bare Steel  
**Sec Containment CP:** None  
**Pipe Material:** Not Listed  
**Sec Containment CP2:** None  
**Date Installed:** 1/1/1952

**Tank ID:** 4  
**Federally Regulated UST:** FALSE  
**AST:** TRUE  
**Tank Status:** Permanently Out of Use  
**Tank Capacity:** 20000  
**Substance:** Gasoline  
**Tank Material:** Asphalt Coated or Bare Steel  
**Sec Containment CP:** None  
**Pipe Material:** Not Listed  
**Sec Containment CP2:** None  
**Date Installed:** 1/1/1962

**Tank ID:** 3  
**Federally Regulated UST:** FALSE  
**AST:** TRUE  
**Tank Status:** Permanently Out of Use  
**Tank Capacity:** 20000  
**Substance:** Gasoline  
**Tank Material:** Asphalt Coated or Bare Steel  
**Sec Containment CP:** None  
**Pipe Material:** Not Listed  
**Sec Containment CP2:** None  
**Date Installed:** 1/1/1962

**Site:** Dale Johnson  
E Broadway Lovelock NV 89419

DTNK

**Delisted Storage Tanks**

**Facility ID:** 5-000287  
**Original Source:** UST

**Location Description:**  
**Record Date:** 21-JUL-2014

**Site:** Granite Construction Company  
Interstate 80 near Mile Marker NV

SHWS

**Site Code:** E-000860  
**County ID:**  
**County:** Pershing  
**City:**

**Facility Zip:**  
**Facility Zip 4:**  
**Lat Decdeg:**  
**Long Decdeg:**

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

**Report Date:** 6/14/1994  
**Closure Date:** 8/2/1994  
**Closure Type:**  
**Program:**  
**Officer:**  
**Data List:**

**File Location:** NDEP: CC-Storage  
**Media:** Soil  
**Contaminant:** TPH  
**Event:**

Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

**Site:** Milne Towing  
Interstate 80 near Mile Marker NV

SHWS

**Site Code:** E-001057  
**County ID:**  
**County:** Pershing  
**City:**

**Facility Zip:**  
**Facility Zip 4:**  
**Lat Decdeg:**  
**Long Decdeg:**

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

**Report Date:** 2/16/1996  
**Closure Date:** 7/16/1996  
**Closure Type:**  
**Program:**  
**Officer:**  
**Data List:**

**File Location:** NDEP: CC-Storage  
**Media:** Soil  
**Contaminant:** Diesel  
**Event:**

Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

**Site:** Nevada Department of Transportation  
Interstate 80 NV

SHWS

**Site Code:** 5-000126  
**County ID:**  
**County:** Pershing  
**City:**

**Facility Zip:**  
**Facility Zip 4:**  
**Lat Decdeg:**  
**Long Decdeg:**

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

**Report Date:** 1/1/1990  
**Closure Date:** 10/1/1991  
**Closure Type:** UST Clean Closure  
**Program:**  
**Officer:**  
**Data List:**

**File Location:** NDEP: CC-Storage  
**Media:** Clean Close  
**Contaminant:**  
**Event:**

Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

**Site:** Thiel Case  
Primary Street: Interstate 80 Cross Street: Lovelock Exit Distance: Direction: City: Lovelock NV

SHWS

**Site Code:** E-000730  
**County ID:**  
**County:** Pershing  
**City:**

**Facility Zip:**  
**Facility Zip 4:**  
**Lat Decdeg:**  
**Long Decdeg:**



**Site Cleanup - The Bureau's Project Tracking (PT) Database**

**Report Date:** 6/18/1993 **File Location:** NDEP: CC-Storage  
**Closure Date:** 10/4/1993 **Media:** Soil  
**Closure Type:** **Contaminant:** TPH  
**Program:** **Event:**  
**Officer:**  
**Data List:** Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

---

**Site:** **Sierra Pacific Power Company**  
**Sierra Place NV**

SHWS

**Site Code:** 5-000089 **Facility Zip:**  
**County ID:** **Facility Zip 4:**  
**County:** Pershing **Lat Decdeg:**  
**City:** **Long Decdeg:**

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

**Report Date:** 1/1/1990 **File Location:** NDEP: CC-Storage  
**Closure Date:** 2/13/1990 **Media:** Ground Water  
**Closure Type:** **Contaminant:**  
**Program:** **Event:**  
**Officer:**  
**Data List:** Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

**Report Date:** 1/1/1990 **File Location:** NDEP: CC-Storage  
**Closure Date:** 10/10/1995 **Media:** Soil  
**Closure Type:** **Contaminant:**  
**Program:** **Event:**  
**Officer:**  
**Data List:** Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

---

**Site:** **Granite Construction Company, Hot Plant**  
**Interstate 80 near Mile Marker NV**

SHWS

**Site Code:** E-000862 **Facility Zip:**  
**County ID:** **Facility Zip 4:**  
**County:** Pershing **Lat Decdeg:**  
**City:** **Long Decdeg:**

**Site Cleanup - The Bureau's Project Tracking (PT) Database**

**Report Date:** 6/15/1994 **File Location:** NDEP: CC-Storage  
**Closure Date:** 8/2/1994 **Media:** Soil  
**Closure Type:** **Contaminant:** TPH  
**Program:** **Event:**  
**Officer:**  
**Data List:** Site Cleanup - The Bureau's Project Tracking(PT) - Closed Cases

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

## Standard Environmental Record Sources

### Federal

#### National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

**Government Publication Date: Nov 25, 2019**

#### National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination 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.

**Government Publication Date: Nov 25, 2019**

#### Deleted NPL:

DELETED NPL

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.

**Government Publication Date: Nov 25, 2019**

#### SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program 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. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

**Government Publication Date: Nov 25, 2019**

#### Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

**Government Publication Date: Jun 1985**

#### SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

**Government Publication Date: Nov 25, 2019**

**Comprehensive Environmental Response, Compensation and Liability Information System -**

CERCLIS

**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. 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. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

**Government Publication Date: Oct 25, 2013**

**EPA Report on the Status of Open Dumps on Indian Lands:**

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

**Government Publication Date: Dec 31, 1998**

**CERCLIS - No Further Remedial Action Planned:**

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA 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.

**Government Publication Date: Oct 25, 2013**

**CERCLIS Liens:**

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 30, 2014**

**RCRA CORRACTS-Corrective Action:**

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date: Nov 18, 2019**

**RCRA non-CORRACTS TSD Facilities:**

RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

**Government Publication Date: Nov 18, 2019**

**RCRA Generator List:**

RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Nov 18, 2019**

**RCRA Small Quantity Generators List:**

RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Nov 18, 2019**

**RCRA Conditionally Exempt and Very Small Quantity Generators List:**

[RCRA CESQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

**Government Publication Date: Nov 18, 2019**

**RCRA Non-Generators:**

[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Nov 18, 2019**

**Federal Engineering Controls-ECs:**

[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jun 11, 2019**

**Federal Institutional Controls- ICs:**

[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

**Government Publication Date: Jun 11, 2019**

**Emergency Response Notification System:**

[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

[ERNS 1987 TO 1989](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

[ERNS](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Mar 21, 2019**

**The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:**

[FED BROWNFIELDS](#)

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Sep 3, 2019**

**FEMA Underground Storage Tank Listing:**

[FEMA UST](#)

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

**Government Publication Date: Dec 31, 2017**

**Petroleum Refineries:**

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

**Government Publication Date: Oct 8, 2019**

**Petroleum Product and Crude Oil Rail Terminals:**

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

**Government Publication Date: Jan 18, 2019**

**LIEN on Property:**

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

**Government Publication Date: Nov 25, 2019**

**Superfund Decision Documents:**

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

**Government Publication Date: Oct 25, 2019**

**State**

**Bureau of Corrective Actions' Project Tracking Database:**

SHWS

This is a list of sites available in Nevada Division of Environmental Protection (NDEP) - Bureau of Corrective Actions' Project Tracking (PT) Database. The PT Database includes both Leaking Underground Storage Tank (LUST) cases as well as Corrective Action (non-regulated) sites. This database is state equivalent CERCLIS.

**Government Publication Date: Nov 18, 2019**

**Delisted Bureau of Corrective Actions' Project Tracking Database:**

DSHW

This database contains a list of closed hazardous substance release and Corrective Action (non-regulated) sites that were removed from the Division of Environmental Protection (NDEP) - Bureau of Corrective Actions' Project Tracking (PT) Database.

**Government Publication Date: Nov 18, 2019**

**Solid Waste Facilities and Landfill Sites:**

SWF/LF

A list of permitted Solid Waste Landfills and other waste management facilities within the state of Nevada. This list is made available by the Nevada Division of Environmental Protection (NDEP) - Bureau of Waste Management.

**Government Publication Date: Nov 14, 2019**

**Leaking Underground Storage Tanks:**

LUST

This is a list of Leaking Underground Storage Tank (LUST) sites available in the Nevada Division of Environmental Protection (NDEP) - Bureau of Corrective Actions' Project Tracking (PT) Database. NDEP indicates there is no way to differentiate between LUST and other (non-LUST) Corrective Action sites - this list includes only those sites where the Program Type is LUST.

**Government Publication Date: Nov 18, 2019**

**Delisted Leaking Storage Tanks:**

DELISTED LST

This database contains a list of closed Leaking Storage Tank sites that were removed from the Division of Environmental Protection (NDEP) - Bureau of Corrective Actions' Project Tracking (PT) Database.

**Government Publication Date: Nov 18, 2019**

**Storage Tanks:**

UST

A list of regulated tanks in the State of Nevada. This list is made available by Nevada Division of Environmental Protection (NDEP) which administers the UST Program for the state.

Government Publication Date: Dec 2, 2019

**Noncompliant Underground Storage Tanks:**

[UST NONCOMP](#)

A list of facilities with tanks that have been issued a red tag and are ineligible to receive deliveries of fuel under the Nevada Administrative Code (NAC) 459.9941. This list is made available by the Nevada Division of Environmental Protection (NDEP).

Government Publication Date: Nov 12, 2019

**Aboveground Storage Tanks:**

[AST](#)

A list of Aboveground Storage Tanks in the State of Nevada made available by the Nevada Division of Environmental Protection (NDEP). This list no longer updated.

Government Publication Date: Jan 25, 2018

**Delisted Storage Tanks:**

[DTNK](#)

This database contains a list of closed storage tank sites that were removed from the Nevada Division of Environmental Protection (NDEP) which administers the UST Program for the state.

Government Publication Date: Dec 2, 2019

**Voluntary Cleanup Program:**

[VCP](#)

A list of facilities registered in the Nevada Division of Environmental Protection (NDEP)'s Voluntary Cleanup Program (VCP). The VCP program provides relief from liability to owners who undertake cleanups of contaminated properties under the oversight of the NDEP.

Government Publication Date: Nov 18, 2019

**Project Tracking Database - Brownfields:**

[BROWNFIELDS](#)

List of Brownfield sites found in the Nevada Division of Environmental Protection - Bureau of Corrective Actions' Project Tracking Database.

Government Publication Date: Nov 18, 2019

**Tribal**

**Leaking Underground Storage Tanks (LUSTs) on Indian Lands:**

[INDIAN LUST](#)

LUSTs on Tribal/Indian Lands in Region 9, which includes Nevada.

Government Publication Date: Apr 8, 2019

**Underground Storage Tanks (USTs) on Indian Lands:**

[INDIAN UST](#)

USTs on Tribal/Indian Lands in Region 9, which includes Nevada.

Government Publication Date: Apr 8, 2019

**Delisted Tribal Leaking Storage Tanks:**

[DELISTED ILST](#)

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: May 2, 2019

**Delisted Tribal Underground Storage Tanks:**

[DELISTED IUST](#)

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: May 2, 2019

**County**

No County databases were selected to be included in the search.

**Additional Environmental Record Sources**

**Federal**

**PFOA/PFOS Contaminated Sites:**

[PFAS NPL](#)

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

**Government Publication Date: Nov 15, 2019**

**Facility Registry Service/Facility Index:**

[FINDS/FRS](#)

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

**Government Publication Date: Nov 6, 2019**

**Toxics Release Inventory (TRI) Program:**

[TRIS](#)

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

**Government Publication Date: Dec 31, 2017**

**Perfluorinated Alkyl Substances (PFAS) Releases:**

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

**Government Publication Date: Dec 31, 2017**

**Hazardous Materials Information Reporting System:**

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

**Government Publication Date: Jan 8, 2019**

**National Clandestine Drug Labs:**

[NCDL](#)

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains 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 Department, and the Department has not verified the entry and does not guarantee its accuracy.

**Government Publication Date: Sep 26, 2019**

**Toxic Substances Control Act:**

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

**Government Publication Date: Jun 30, 2017**

**Hist TSCA:**

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

**Government Publication Date: Dec 31, 2006**

**FTTS Administrative Case Listing:**

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**FTTS Inspection Case Listing:**

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date:** Jan 19, 2007

**Potentially Responsible Parties List:**

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

**Government Publication Date:** Oct 25, 2019

**State Coalition for Remediation of Drycleaners Listing:**

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

**Government Publication Date:** Nov 08, 2017

**Integrated Compliance Information System (ICIS):**

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

**Government Publication Date:** Nov 18, 2016

**Drycleaner Facilities:**

FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

**Government Publication Date:** May 29, 2018

**Delisted Drycleaner Facilities:**

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

**Government Publication Date:** May 29, 2018

**Formerly Used Defense Sites:**

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

**Government Publication Date:** Oct 23, 2018

**Material Licensing Tracking System (MLTS):**

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

**Government Publication Date:** Nov 1, 2018

**Historic Material Licensing Tracking System (MLTS) sites:**

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

**Government Publication Date:** Jan 31, 2010

**Mines Master Index File:**

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

**Government Publication Date:** May 3, 2019



**Alternative Fueling Stations:**

[ALT FUELS](#)

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

**Government Publication Date: Oct 1, 2019**

**Registered Pesticide Establishments:**

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

**Government Publication Date: May 31, 2019**

**Polychlorinated Biphenyl (PCB) Notifiers:**

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

**Government Publication Date: Oct 9, 2019**

**State**

**Nevada Spills Database:**

[SPILLS](#)

Listing of spills and releases sites, maintained by the Department of Nevada Division of Environmental Protection (NDEP).

**Government Publication Date: May 05, 2016**

**Historical Spills Database:**

[HIST SPL](#)

Listing of spills and releases sites reported to the Department of Nevada Division of Environmental Protection (NDEP). This list only contains records prior to 1998.

**Government Publication Date: Dec 31, 1997**

**Tribal**

**No Tribal additional environmental record sources available for this State.**

**County**

**No County additional environmental record sources available for this State.**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

---

**Additional Information**

# **Appendix E**

# Well Log Details

Download Well Log:



## General Information

<b>Well Log No:</b>	995	<b>Basin:</b>	073
<b>Waiver No:</b>	N/A	<b>Owner:</b>	MEFFLEY RANCHING CO
<b>Permit No:</b>	N/A	<b>Well Name:</b>	N/A
<b>Date Received:</b>	07/22/1949	<b>Address:</b>	N/A
<b>Notice of Intent:</b>	0		

## Location Information

<b>Reference:</b>	Mount Diablo	<b>Parcel No:</b>	N/A	<b>Latitude:</b>	40.16
<b>Township:</b>	27N	<b>Lot No:</b>	N/A	<b>Longitude:</b>	118.46
<b>Range:</b>	31E	<b>Subdivision:</b>	N/A	<b>County:</b>	PERSHING
<b>Section:</b>	35	<b>Block No:</b>	N/A	<b>Work Type:</b>	New
<b>Quarters:</b>	SE			<b>Proposed Use:</b>	Domestic

## Well Construction

<b>Date Started:</b>	7/6/1949	<b>Perforations:</b>	12 ft	<b>Static Water Level:</b>	10 ft
<b>Date Completed:</b>	07/16/1949	<b>From:</b>	40 ft	<b>Pumping Water Level:</b>	10 ft
<b>Aquifer Desc:</b>	N/A	<b>To:</b>	52 ft	<b>Method:</b>	N/A
<b>Hole Depth:</b>	52 ft	<b>Perforation Interval:</b>	1	<b>Specific Capacity:</b>	0.00
<b>Surface Casing Diameter:</b>	0 in	<b>Depth of Seal:</b>	0	<b>Yield:</b>	N/A
<b>Cased To:</b>	0 ft	<b>Draw Down:</b>	0	<b>Water Temperature:</b>	68 degrees F
<b>Casing Reductions:</b>	0	<b>Gravel Packed:</b>	N/A	<b>After Hours Pump:</b>	0
		<b>From:</b>	0 ft		
		<b>To:</b>	0 ft		

## Drilling Contractor Information

<b>Contractor's Lic No:</b>	N/A	<b>Name:</b>	LAWRENCE MUNK
<b>Contractor's Drilling No:</b>	0	<b>Address:</b>	LOVELOCK NV
<b>Driller's Lic. No:</b>	51		

## Remarks

<b>Work Type:</b>	N/A	<b>General:</b>	N/A	<b>Additional:</b>	N/A
-------------------	-----	-----------------	-----	--------------------	-----

Property Information			
Parcel ID	007-241-62	Parcel Acreage	1.0000
Tax Year	2019 <input type="text"/>	Assessed Value	13,110
Land Use Group	VAC		
Land Use	150 - Vacant - Industrial		
Zoning	I		
Tax District	020		
Site Address	73 AMERICAN BLVD		

Assessments				
Taxable Value	Land	Building	Per. Property	Totals
Residential	0	0	0	0
Com / Ind.	0	0	0	0
Agricultural	0	0	0	0
Exempt	37,457	0	0	37,457
Pers. Exempt				0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Assessed Value	Land	Building	Per. Property	Totals
Residential	0	0	0	0
Com / Ind.	0	0	0	0
Agricultural	0	0	0	0
Exempt	13,110	0	13,110	13,110
Pers. Exempt				0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	New Land	New Const.	New P.P.	Omit Bldg
Residential	0	0	0	0
Com / Ind.	0	0	0	0
Agricultural	0	0	0	0
Exempt	0	0	0	0
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Related Names			
<b>OWNER</b>	PERSHING COUNTY,	<b>MAIL TO</b>	GREAT, BASIN CO-OP TESTING LAB
<b>Mailing Address</b>	PO BOX 531	<b>Mailing Address</b>	PO BOX 531
	LOVELOCK, NV 89419000		LOVELOCK, NV 89419000
<b>Status</b>	Current	<b>Status</b>	Current
<b>Account</b>		<b>Account</b>	

No Structure Information

Assessor Descriptions						
Assessor Descriptions	Subdivision Name	Section	Township	Range	Block	Lot
Created from split of Parcel # 007-241-49, Primary new parcel is Parcel # 007-241-63	PERSHING CO INDUSTRIAL PK	34	27	31		

Sales History						
Year	Document #	Document Type	Sale Date	Sold By	Sold To	Price
2011	474076	AGREEMENT/OPTION/MISCL	8/18/2011	PERSHING COUNTY	BASIN CO-OP TESTING LAB GREAT	\$0
2005	243687	WARRANTY DEED	5/27/2005	PAN WORLD LLC	NEW GARDENS LLC	\$8,000
2004	241699	GRANT BARGAIN SALE DEED	11/22/2004	PERSHING COUNTY	PAN WORLD LLC	\$8,000

Parcel Genealogy						
Relationship	Parcel Number	Action	Year	Change Effective Year	Completed	
Parent Parcel	00724149	Split	2005	2005	No	

**Property Map** [View Full Screen](#)

Click to restore the map extent and layers visibility where you left off.

**Roads**

- Interstate
- State Route
- Local Route
- On / Off Ramp

**Parcel Boundary**

0.2mi

-118.47650000 40.18300019 Degrees

Bureau of Land Management, Esri, HERE

Property Information			
Parcel ID	007-241-81	Parcel Acreage	1.1600
Tax Year	2019 <input type="text"/>	Assessed Value	3,710
Land Use Group	VAC		
Land Use	150 - Vacant - Industrial		
Zoning	I		
Tax District	020		
Site Address	T27 R31 SEC 34		

Assessments				
Taxable Value	Land	Building	Per. Property	Totals
Residential	0	0	0	0
Com / Ind.	0	0	0	0
Agricultural	0	0	0	0
Exempt	10,600	0	0	10,600
Pers. Exempt				0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Assessed Value	Land	Building	Per. Property	Totals
Residential	0	0	0	0
Com / Ind.	0	0	0	0
Agricultural	0	0	0	0
Exempt	3,710	0	3,710	3,710
Pers. Exempt				0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	New Land	New Const.	New P.P.	Omit Bldg
Residential	0	0	0	0
Com / Ind.	0	0	0	0
Agricultural	0	0	0	0
Exempt	0	0	0	0
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Related Names	
<b>OWNER</b>	PERSHING COUNTY,
<b>Mailing Address</b>	DRAWER E LOVELOCK, NV 89419000
<b>Status</b>	Current
<b>Account</b>	

No Structure Information

Assessor Descriptions						
Assessor Descriptions	Subdivision Name	Section	Township	Range	Block	Lot
Created from split of Parcel # 007-241-63, Primary new parcel is Parcel # 007-241-80, REMAINDER BLOCK 6	PERSHING CO INDUSTRIAL PK	34	27	31		

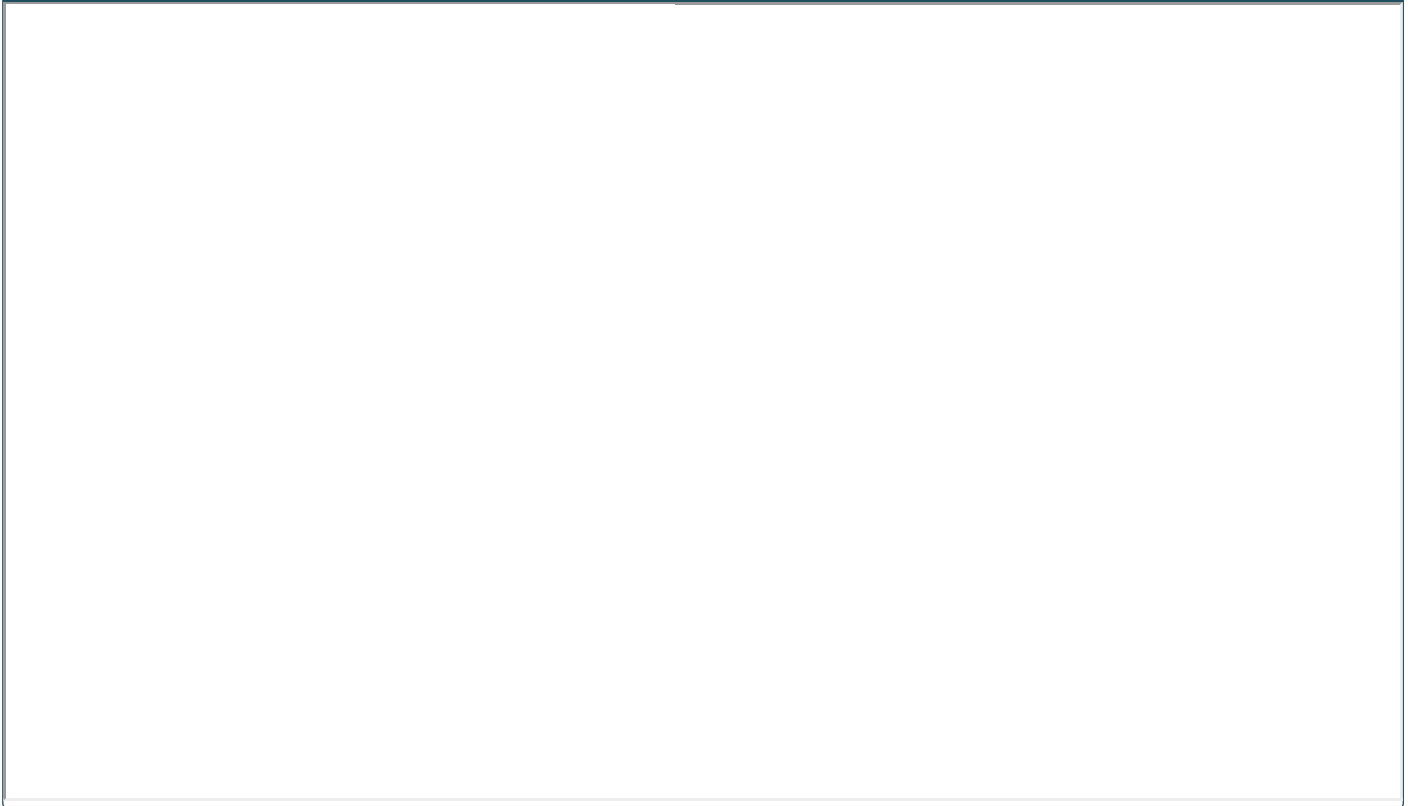
No Sales History Information

Parcel Genealogy

Relationship	Parcel Number	Action	Year	Change Effective Year	Completed
Parent Parcel	00724163	Split	2007	2007	No
Parent Parcel	00724163	Split	2008	2008	No

Property Map

[View Full Screen](#)





# Lovelock Industrial



11/6/2019, 11:19:31 AM



Parcel Boundary

Roads



Interstate



State Route

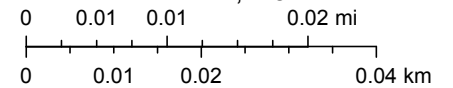


On / Off Ramp



Local Route

1:1,128



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

## Miranda Montes

---

**From:** Miranda Montes  
**Sent:** Tuesday, December 31, 2019 10:38 AM  
**To:** Planning & Building  
**Subject:** Records Request  
**Attachments:** Building Department of Pershing County Industrial.docx; Parcel Numbers Industrial.pdf

Hello,

Converse Consultants is conducting a Phase 1 Environmental Site Assessment on the properties listed in the PDF attachment, and would like to request records outlined in the attached word document.

Thank you!

Best,

### Miranda Montes

Technical Support  
1020 S. Rock Blvd., Suite A  
Reno, NV 89502

Office: 775-856-3833

Cell:

[www.converseconsultants.com](http://www.converseconsultants.com)

**Celebrating 50 Years in Nevada!**

**Since 1946... Yesterday's Experience, Today's Quality, Tomorrow's Vision**



The information contained in this e-mail message (including attachments) is intended only for the personal and confidential use of the recipient(s) named above. This message (including attachments) may be work product and as such is privileged and confidential. If the reader of this message is not the intended recipient or agent responsible for delivering it to the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by e-mail, and delete the original message.

## Miranda Montes

---

**From:** Planning & Building <planbld@pershingcounty.net>  
**Sent:** Tuesday, December 31, 2019 12:48 PM  
**To:** Miranda Montes  
**Subject:** RE: Records Request

We do not show any septic's or buildings on either parcel. You would need to contact the health department for code violations/permits.

---

**From:** Miranda Montes [mailto:MMontes@ConverseConsultants.com]  
**Sent:** Tuesday, December 31, 2019 10:38 AM  
**To:** Planning & Building  
**Subject:** Records Request

Hello,

Converse Consultants is conducting a Phase 1 Environmental Site Assessment on the properties listed in the PDF attachment, and would like to request records outlined in the attached word document.

Thank you!

Best,

**Miranda Montes**

Technical Support  
1020 S. Rock Blvd., Suite A  
Reno, NV 89502

Office: 775-856-3833

Cell:

[www.converseconsultants.com](http://www.converseconsultants.com)

**Celebrating 50 Years in Nevada!**

**Since 1946... Yesterday's Experience, Today's Quality, Tomorrow's Vision**



The information contained in this e-mail message (including attachments) is intended only for the personal and confidential use of the recipient(s) named above. This message (including attachments) may be work product and as such is privileged and confidential. If the reader of this message is not the intended recipient or agent responsible for delivering it to the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by e-mail, and delete the original message.