

Checklist for Phase I Site Assessments Conducted using EPA Brownfields Assessment Grant Funds

Contact Information

Grantee Name: _____

Grant Number: _____

ACRES Property ID: _____

Program Manager Name: _____
(Point of Contact)

Contact Phone Number: _____

Name / Address of Property Assessed: _____

Checklist

Please indicate that each of the following All Appropriate Inquiries documentation requirements were met for the Phase I assessment conducted at the above listed property:

- An *opinion* as to whether the inquiry has identified conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.

- An identification of “*significant*” *data gaps* (as defined in §312.10 of AAI final rule and §12.7 of ASTM E1527-05), if any, in the information collected for the inquiry, as well as comments regarding the significance of these data gaps. Significant data gaps including missing and unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.

- Qualifications and signature** of the environmental professional(s). The environmental professional must place the following statements in the document and sign the document:
 - “[I, We] declare that, to the best of [my, our] professional knowledge and belief, [I, we] meet the definition of Environmental Professional as defined in §312.10 of this part.”

 - “[I, We] 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, We] have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.”

Note: Please use either “I” or “We.”

- In compliance with §312.31(b) of the AAI final rule and §12.6.1 of ASTM E1527-05, the environmental professional must include in the final report an *opinion regarding additional appropriate investigation*, if the environmental professional has such an opinion.

Signature of Grantee Program Manager

Date



PHASE I ENVIRONMENTAL SITE ASSESSMENT

Tonopah Airport Fixed Base Operator (FBO) Building

1 Airport Road, Tonopah, Nevada 89049

Nye County Assessor Parcel Numbers: 012-471-03

Prepared For:

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On Behalf of:

Rural Desert Southwest Brownfields Coalition

Prepared By:

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*Project No. 804.11.Task2
February 2014*

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ACRONYMS

APN	Assessor Parcel Number
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials International
CEM.....	Certified Environmental Manager
CERCLA.....	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CORRACTS	Corrective Actions
DOD.....	Department of Defense
EDR	Environmental Data Resources, Inc.
EPA	United States Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA.....	Environmental Site Assessment
FAA	Federal Aviation Administration
FBO.....	Fixed Base Operator
FINDS	Facility Index System
FUDS	Formerly Used Defense Sites
LUST	Leaking underground storage tank
NDEP	Nevada Division of Environmental Protection
NFRAP.....	No Further Remedial Action Planned
NPL.....	National Priority List
NV DOC	Nevada Department of Conservation and Natural Resources
RCRA.....	Resource Conservation and Recovery Act
REC.....	Recognized Environmental Condition
SDS	Safety Data Sheet
TPH.....	Total petroleum hydrocarbons
TSCA	Toxic Substances Control Act
TSD.....	Treatment, Storage, and Disposal
US	United States
USACE	United States Army Core of Engineers
USGS	United States Geological Survey
UST.....	Underground storage tank
VOC.....	Volatile organic compound

Units of measure

mg/kgmilligrams per kilogram

EXECUTIVE SUMMARY

BEC Environmental, Inc. (BEC) was retained by Nye County to perform a Phase I Environmental Site Assessment (ESA) of the Tonopah Airport Fixed Base Operator (FBO) building site located at assessor parcel number (APN) 012-471-03. The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental conditions (RECs) in connection with the property. Victoria Tyson-Boyd, a Nevada Certified Environmental Manager, performed the site reconnaissance on January 30, 2014. A summary of findings is provided below. It should be recognized that 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. In summary, the following items were noted:

- The subject site is a 0.75-acre portion of the 2,171-acre parcel (APN 012-471-03) and consists of the FBO building, FAA support buildings and structures, storage shed, and land immediately adjacent to these structures, located at 1 Airport Road, Tonopah, Nevada 89049.
- Based on records review and interviews the subject site was first developed in the 1940's as the operations building for the Tonopah Army Air Field. The air field is a Formerly Used Defense Site (J09NV0969), that was assessed by the US Army Corps of Engineers (USACE) as described through a series of documents dated between February 1991 (Ninyo and Moore, 2002) and May 2004 (Nevada Division of Environmental Protection [NDEP], 2004). On June 9, 2004, NDEP prepared a Draft Decision Document that provided a no further action determination based on information provided by the USACE. Additionally, the USACE prepared a map in March 2006, documenting known soil concentrations of various constituents of concern to assist the County in future redevelopment decisions (i.e. focusing redevelopment efforts in areas with no known contaminants of concern in excess of NDEP's reportable concentrations). Based on BEC's review of the USACE's March 2006 map, no contaminants of concern in reportable concentrations were evident in the vicinity of the FBO building.
- Nye County has owned and operated the facility as a general aviation airport since July 29, 1949. Desert Flying Services has leased the FBO Building since 1975 (Ninyo and Moore, 2002).
- The regulatory database review was purchased as a report through Environmental Data Resources, Inc. (EDR) and identified the following:
 - No listings on either the Federal or State environmental registries with the exception of the Formerly Used Defense Sites (FUDS) listing where the US Army Corps of Engineers was working to investigate and take cleanup actions.
 - NDEP records indicated no further action was granted in 2004 to the US Army Corps of Engineers (NDEP, 2004).
 - The investigators reviewed the environmental investigation files for the site and find no indication that they would cause an environmental concern at the subject site.
 - Due to discrepancies in the location of some facilities in the databases arising from incorrect or incomplete addresses some facilities were listed as unmappable, otherwise known as "orphan sites". BEC reviewed the Orphan Summary list in the EDR report. The orphan list consists of sites that cannot be mapped because their address or facility information was incomplete. The EDR report lists 20 orphan sites that may be located within or outside the standard 1-mile radius search distance. Based on a review of the

orphan site information provided, such as site name and approximate location, BEC does not consider these sites to be a recognized environmental condition.

BEC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E 1527-13 for Nye County, Nevada on behalf of the Rural Desert Southwest Brownfields Coalition. The site is located in Tonopah, Nevada, in a portion of APN 012-471-03, consisting of 0.75-acres of developed land. The subject site is located at 1 Airport Road, Tonopah, Nevada 89049. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- Based on records review, the FBO Building was constructed in the 1940s. During interviews with the current site occupant, Mr. Mark Peterson of Desert Flying Service stated the vinyl tile and roofing material, to his knowledge, was the original material of construction. During the site reconnaissance, BEC observed deterioration of the exterior paint and evidence of paint flakes and other building material debris on the soils in the immediate vicinity of the building's exterior.
- Based on records review, site interviews, and site reconnaissance observations, the potential exists for asbestos containing materials associated with the floor tiling located within the original FBO Building and in the roofing materials on the structure. Potential exists for lead-based paint in the interior and exterior painted surfaces, and surface soils in the immediate vicinity of the building. The potential presence of both asbestos containing materials and lead-based paint in and around the structure constitute recognized environmental conditions.
- During the site reconnaissance, BEC observed an above ground fuel tank located on the west side of the FBO Building, used to store heating fuel to the building. The potential for impacted surface soil in the vicinity of the above ground fuel tank and its associated piping from historic fuel releases constitute a recognized environmental condition.

It is the opinion of BEC that the identified recognized environmental conditions (RECs) listed above, warrant additional investigation.

1 INTRODUCTION

BEC Environmental, Inc. (BEC) was retained by Nye County to perform a Phase I ESA of the Tonopah Airport FBO Building site located 8-miles east of Tonopah, Nevada, in a portion of assessor parcel number (APN) 012-471-03. This Phase I ESA was prepared as part of the Rural Desert Southwest Brownfields Coalition Assessment grant funded by the United States Environmental Protection Agency (EPA). The FBO Building site is a 0.75-acre portion of the 2,171-acre parcel and consists of the FBO building, Federal Aviation Administration (FAA) support buildings and structures, and a storage shed located at 1 Airport Road, Tonopah, Nevada 89049 (hereinafter referenced as the subject site). The location of the subject site is shown on the Vicinity Map (Figure 1) located in **Appendix A**. The following sections identify the purpose, detailed scope of services, significant assumptions, limitations and exceptions, and user reliance information relevant to the preparation of this Phase I ESA report.

1.1 Purpose

The purpose of this Phase I ESA was to identify Recognized Environmental Conditions (RECs) that may be present due to past or present land use of the subject site, and/or properties in the subject site vicinity. In accordance with ASTM Standard E 1527-13, Standard Practice for Phase I Environmental Site Assessment: “The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to release to the environment; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis* conditions are not *recognized environmental conditions*.” During the course of this assessment, specific existing, potential, or suspect conditions were evaluated that may pose an environmental liability with respect to hazardous substances for current owner, future owner, or operator at the subject site.

1.2 Scope of Work

The scope of work in performing this Phase I ESA included four main tasks: a site reconnaissance, personnel interviews, regulatory records review, and report preparation. BEC performed the site reconnaissance on January 30, 2014, for the purposes of making site observations and interviewing site occupants, owners and property management personnel. BEC conducted a records review at the Nye County Clerk and Recorder’s offices on January 30, 2014. Nye County’s Natural Resources and Administration Offices provided copies of previous reports to BEC, documenting environmental investigations at the Tonopah Airport. BEC reviewed additional readily available records from the regulatory compliance files of the Nevada Division of Environmental Protection (NDEP) and the Environmental Data Resources Radius Map™ with Geocheck® dated January 28, 2014. This report comprises the fourth and final phase of the Phase I ESA process.

1.3 Limitations and Exceptions

Note that the scope of this evaluation did not include: subsurface exploration, soil or water sampling, chemical analysis, or an evaluation of asbestos, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality (unrelated to releases of hazardous substances or petroleum products into the environment), industrial hygiene, lead, mold, radon, regulatory compliance, or wetlands. Properties surrounding the site were visually inspected from common driveways or fence-lines. Our observations were made from readily accessible vantage points. Although a reasonable effort was made to view relevant site features, some features may have been concealed.

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations

regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

1.4 Significant Assumptions

BEC uses the services of a computer database firm to provide a listing of sites within the ASTM standard search distance around the site. We assume the information in this report is accurate unless conflicting information is obtained from credible sources or field observations made by BEC's environmental professional during the site reconnaissance indicate otherwise, and are subsequently noted in this report. Information regarding the subject site was reasonably ascertainable. Therefore no other significant assumptions have been made in this report.

1.5 Special Terms and Conditions

The findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site can change with time as a result of natural processes or the activities of man at the subject site or within the site vicinity. Additionally, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Nye County nor BEC has any control. Nye County nor BEC can warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No other warranty, expressed or implied, is made regarding the professional opinions presented in this report. This document is intended to be used in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Nye County or BEC should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

1.6 User Reliance

This report may be relied upon and is intended exclusively for use by Nye County and their assigns for the purposes stated within a reasonable time from issuance, but in no event later than 180 days from the date of the report. Land or facility use, on- and off-site conditions, regulations, or other factors may change over time, and additional work may be required with the passage of time. Since site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered valid only as of the date of the site visit. This report should not be relied upon after 180 days from the date of its issuance (ASTM Standard). Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the client is undertaken at said parties' sole risk.

2 SITE DESCRIPTION

This section provides a description of structures and other improvements on the site and adjoining properties. This section also includes a description of current uses of the site and adjoining properties.

2.1 Location and Legal Description

The site is located within a 0.75-acre portion of the 2,171-acre parcel located at 1 Airport Road, Tonopah, Nevada 89049. The legal description of the subject property is 0.75-acre portion of T3N R43E S36 & T3N R44E S31 & T2N R43E S1 & T2N R44E S5, 6, 7 & ALL OF S8 2,171 AC in the Tonopah Airport, Nevada. Please refer to the Site Vicinity Map (Figure 1) and the Site Reconnaissance Map (Figure 2) for the location of the facility addressed for purposes of this study. The Assessor's Parcel Map (Figure 3) depicts the entire 2,171-acre parcel. All three figures are provided in **Appendix A**.

2.2 Site and Vicinity General Characteristics

The subject site is a portion of the former Tonopah Army Air Field, a World War II-era military facility. The subject site is primarily comprised of concrete foundations and the FBO building structure coupled with ancillary support structures for the building and airport operations. Additional buildings located within the site include a manufactured home and three prefabricated buildings for office space and storage (Figure 2, **Appendix A**). The unpaved portions of the site are landscaped on the northern and eastern portions of the subject site. Above ground storage tanks located within the site include:

- 500-gallon propane tank which services the manufactured home.
- 1,000-gallon propane tank noted as inactive.
- 200-gallon steel tank which feeds the heating furnace through a below ground service line. The orientation of these features within the site is depicted on Figure 2 (**Appendix A**). According to Nye County Planning there are no zoning requirements for the Tonopah Airport area.

Surrounding the site is the remaining 2,170-acre parcel and two additional parcels that comprise the Tonopah General Aviation Airport property (the airport). Significant features of the airport include two asphalt runways, three original (1940's airfield) aircraft hangars, three original bunkers, numerous former building remnants and foundation slabs. Development of property after transfer of the former Tonopah Army Air Field to Nye County included a residential subdivision, an oil refinery, and a sand and gravel quarry, and a race track (Ninyo and Moore, 2002). Nye County public works continues to operate and maintain the wastewater treatment plant located on the west side of Airport Road, in the southwest portion of the airport property.

2.3 Current Use of the Property

The subject site is currently used as the operations facility for the airport, providing communications between aircraft and other airport facilities, and housing a pilots' lounge and meeting space for airport operations. Of the three prefabricated buildings constructed on a portion of the foundation of the historic operation building, one is used as a storage unit by the County and two are leased by the Federal Aviation Administration. A manufactured home is located north of the FBO building, on the 0.75-acre subject site and is currently occupied by the airport operator.

2.4 Current Uses of Adjoining Properties

The current adjoining property uses are:

Table 1 – Adjoining Property Overview

Direction	Description
North:	North portion of airport runways, dirt and asphalt access roads, and an aircraft hanger, and three above ground fuel tanks (two 10,000-gallon low-lead tanks and one 15,000-gallon Jet A fuel tank).
South:	Army Airfield building remnants, a hangar currently occupied by Pegasus Logistical Services (a company performing medical transport and healthcare logistics), and dirt and asphalt access roads.
East:	Asphalt airport apron.
West:	Army Airfield building remnants and dirt and asphalt access roads.

2.5 On-Site Improvements

Figure 4 (**Appendix A**) provides a schematic and approximate dimensions of the operational building at the time of the site reconnaissance. The original building was about 140 feet long by 20 feet wide serving as the administration / operational building for the military (also known as fixed-based operator [FBO]). The building was constructed on a concrete foundation with concrete walls and wood paneling. In 1970 an extension of the building was built onto the original building to the east (refer to Figure 4). Another extension of the building was added onto the original building to the west in 1976. In addition, the interior of the active FBO building has had several interior walls constructed to subdivide rooms and the bathrooms were renovated.

As noted previously, a manufactured home and prefabricated storage/office buildings reside within the site. The exact dates for these structures are not known, however, all structures appear less than 20 years old.

3 USER PROVIDED INFORMATION

The following section discusses information that was provided by interviews with persons associated with the subject site and its representatives during the course of this study.

3.1 Title Records

During a 200 ESA for the airport property conducted by Ninyo Moore, a title report was prepared and included in their Appendix B. The title report indicated the airport was transferred from the United States (US) War Assets Department to Nye County in 1949 by a Quitclaim Deed. The site has been leased to Mark Peterson (doing business as Desert Flying Service) since 1975 (Ninyo and Moore, 2002). The ownership history of the property and site is listed in Table 2 as follows:

Table 2 – Ownership History

Parcel No.	Owner	Recorded Date	Size (ac)
012-471-03	Department of Defense ⁽¹⁾	1941	2,171
	War Assets Department ⁽¹⁾	1948	
	Nye County ⁽²⁾	1949	

(1) Ninyo and Moore, 2002

(2) Property Title, Nye County Recorder's Office

3.2 Environmental Liens or Activity and Use Limitations

Based on information provided during interviews with Ms. Joni Eastley, Assistant County Manager (owner representative), Mr. Jack Osburn (airport manager for Nye County), and Mr. Mark Peterson of

Desert Flying Services (FBO Building Manager) no known environmental liens or activity and use limitations are associated with the subject site.

3.3 Specialized Knowledge

When queried regarding specialized knowledge concerning the environmental status and potential issues of concern, the owner representative and airport manager indicated they were unaware of any such conditions, and to their knowledge, the site had no environmental releases resulting from spills or leaking tanks. However, due to the age of the original FBO building (1940s), Ms. Eastley noted the potential for the vinyl floor tiles and mastic adhesive to potentially contain asbestos.

3.4 Commonly Known or Reasonably Ascertainable Information

When queried regarding commonly known or reasonably ascertainable information concerning the environmental status and potential issues of concern, the owner representative and airport manager indicated they were unaware of any such conditions, and to their knowledge, the site was devoid of significant environmental issues. However, several environmental issues have been identified within the Tonopah Airport property. A Phase I ESA was conducted by Ninyo and Moore in 2002 which was subsequently followed by a Limited Phase II ESA by Ninyo and Moore in 2006. Both documents were made available in preparation for this report and reviewed. The subject site was not addressed within the scope of the previous environmental investigations.

3.5 Owner, Property Manager, and Occupant Information

Ms. Joni Eastley serves as the Assistant County Manager of Nye County and was interviewed in the capacity of the owner representative. The property is managed for Nye County by Mr. Jack Osborn who was interviewed via teleconference. In addition, Mr. Mark Peterson of Desert Flying Services was interviewed in his capacity as occupant. Mr. Peterson serves as the airport's fixed base operator (FBO) and resides at the site.

3.6 Valuation Reduction for Environmental Issues

The owner representative did not believe any environmental issues on the subject site affect the value of the property. It should be noted, that the Phase I ESA was authorized to identify REC for evaluation of use by the current owner.

3.7 Reason for Performing Phase I

The client has requested the assessment in order to identify potential REC as the first phase in redeveloping the site. The owner has expressed the intention of removing the FBO building in order to replace it with a prefabricated steel building. The new structure will serve as the operational building for the airport.

4 RECORDS REVIEW

The following sections include the results and a discussion of the computerized search of state and federal standard environmental record sources. Some records reviewed pertain not only to the property, but also to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. Unless stated otherwise the approximate minimum search distances used below were as specified in the ASTM Standard 1527-13.

4.1 Environmental Database Search

A search of available federal and state environmental records was obtained from EDR. A copy of the following documents provided by EDR can be found in the below referenced appendices:

- Regulatory Records Documentation - **Appendix B**
- Local Records Documentation - **Appendix C**
- Physical Setting Documentation – **Appendix D**
- Historical Topography and Aerial Photographs - **Appendix E**

A review of the regulatory information based on EDR’s regulatory database search (**Appendix B**) was performed to review possible RECs within the ASTM approximate minimum search distances. A summary of this review is provided in the Federal and State sections below.

Although numerous databases were searched during the preparation of this report, those that are required under the ASTM E 1527-13 standard for Phase I ESAs have been selected for discussion. The required databases, database update information, and search distances, as well as the number of sites identified within the associated search radii are as follows:

Table 3 – Federal Environmental Records

Record Source	Within Subject Site	Identified Properties
National Priorities List (NPL) Facilities	0	0
Delisted NPL Facilities	0	0
DOD Site	0	0
CERCLIS Facilities	0	0
CERCLIS NFRAP Facilities	0	0
RCRA CORRACTS TSD Facilities	0	0
RCRA Non-CORRACTS TSD Facilities	0	0
RCRA Non-Generators	0	0
RCRA Generators	0	0
Federal Institutional/Engineering Control Registries	0	0
Emergency Response and Notification System	Not Requested	Not Requested
FUDS	0	1

Table 4 – State Environmental Records

Record Source	Within Subject Site	Identified Properties
Hazardous Waste Sites	0	0
Equivalent NPL Facilities	0	0
Equivalent CERCLIS Facilities	0	0
Landfill/Solid Waste Disposal Sites	0	0
Leaking Underground Storage Tanks	0	0
Registered Storage Tank	0	0
Institutional/Engineering Control	0	0
Voluntary Cleanup Sites	0	0
Brownfield Sites	0	0

United States Environmental Protection Agency (EPA), National Priorities List (NPL)

The EPA NPL database comprises confirmed or proposed hazardous waste sites that have been targeted for possible long-term remedial action under the Superfund Program. Neither the subject site nor facilities within a 1-mile radius of the site were listed.

United States EPA, Delisted NPL

The EPA Delisted NPL database is a subset of the NPL. Neither the subject site nor facilities within a 1-mile radius of the site were listed.

United States EPA, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List

The CERCLIS list is an EPA list of sites that are either proposed to or on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL. Facilities identified by the EPA, which may have the potential for releasing hazardous substances into the environment, are provided in the CERCLIS list. Neither the subject site nor facilities within a 0.5-mile radius of the site were listed.

United States EPA, CERCLIS No Further Remedial Action Planned (NFRAP)

The CERCLIS-NFRAP list is an EPA database of former CERCLIS sites where no further remedial action is planned under Comprehensive Environmental Response, Compensation, and Liability Act. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. Neither the subject site nor facilities within a 0.5-mile radius of the site were listed.

United States EPA, Resource Conservation and Recovery Act (RCRA), Corrective Actions (CORRACTS) List

This list is a database of facilities subject to corrective action under RCRA. The list generally identifies EPA-listed facilities that have reported a release of hazardous waste or constituents into the environment, and are undergoing corrective action. Corrective action may be required beyond the facility's boundary and can be required regardless of when the release occurred. Neither the subject site nor facilities within a 1-mile radius of the site were listed.

United States EPA, RCRA non-CORRACTS Treatment, Storage and Disposal (TSD) Facilities List

This database identifies EPA-listed facilities, which report storage, treatment, and/or disposal of hazardous waste, under the EPA's RCRA program. Neither the subject site nor facilities within a 0.5-mile radius of the site were listed.

United States EPA, RCRA Generators List

This database identifies EPA-listed facilities that generate or transport hazardous waste or meet other RCRA requirements. The types of facilities included within this database include: Large Quantity Generators, Small Quantity Generators, and Conditionally Exempt Generators. Neither the subject site nor facilities within a 0.25-mile radius of the site were listed.

Federal Institutional Control/Engineering Control Registries

These registries comprise information obtained from two main sources. The first source, the Brownfield Management System, is a database designed to assist the EPA in collecting, tracking, and updating information relevant to federal, state, and local Brownfield programs. The Small Business Liability Relief and Brownfields Revitalization Act ("Brownfields Law," Public Law 107-118) defines a brownfield site as "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," as defined in

CERCLA. The second source is a database of Superfund sites that have either an engineering or institutional control. Neither the subject site nor facilities within a 0.5-mile radius of the site were listed.

Emergency Response Notification System (ERNS) List

This list comprises a database of emergency response actions, and may include reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Data since January 2001 has been received from the National Response System database as EPA no longer maintains this data. Information was not requested for this search.

Formerly Used Defense Sites (FUDS)

This list comprises properties where the USACE is actively working or will take necessary cleanup actions. The Tonopah Army Air Field is listed within the 1-mile search radius.

Based upon the airport Phase I (Ninyo and Moore, 2002), the USACE began investigation of the former air field (airport) in February 1991. Through a series of environmental investigations and subsequent underground storage tanks removals, the USACE administratively closed the site under regulatory oversight of the Nevada Division of Environmental Protection ([NDEP], 2004). It should be noted, that total petroleum hydrocarbon (TPH) concentrations were left in-place at select areas exceeding the site-specific action level of 1,000 milligrams per kilogram (mg/kg). In addition, several areas originally identified as potential sources were not investigated by the USACE (Ninyo and Moore, 2002). BEC has reviewed the location of the areas subject to USACE investigation/remediation activities and do not believe they pose an environmental concern for the subject site.

State/Tribal Equivalent CERCLIS: Nevada Department of Conservation and Natural Resources (NV DOC), CERCLIS List

NV DOC maintains a list of corrective action sites for hazardous waste sites. Neither the subject site nor facilities within a 1-mile radius of the site were listed.

State/Tribal SWL: Nevada Department of Conservation and Natural Resources (NV DOC), Landfill List
NV DOC maintains lists of facilities including active solid waste disposal sites, inactive or closed solid waste disposal sites, and transfer facilities. No facilities were listed within a 0.5-mile radius of the site.

State/Tribal LUST: Nevada Department of Conservation and Natural Resources, (NV DOC) Leaking Underground Storage Tank (LUST) List

The LUST Information System is maintained by NV DOC, Division of Environmental Protection. This division maintains an inventory of sites with leaking underground storage tanks. It includes sites with tanks under investigation for potential leaks, confirmed leaks, and those to be closed. No LUSTs were listed within a 0.5-mile radius of the site.

State/Tribal UST/AST: Nevada Department of Conservation and Natural Resources (NV DOC), UST/AST Registration List

This list identifies facilities containing registered USTs and ASTs. No tanks are registered within the 0.25-mile radius of the subject site.

State/Tribal Institutional Controls/Engineering Controls/Voluntary Cleanup Sites

No facilities were listed within a 0.5-mile radius of the site.

State/Tribal Brownfield Sites

The Bureau of Corrective Actions maintains a list of Brownfield sites as part of its listing of clean-up evaluations and actions regarding sites with actual or potential contamination. No facilities were listed within a 0.5-mile radius of the site.

Orphan Sites

Due to discrepancies in the location of some facilities in the databases arising from incorrect or incomplete addresses some facilities were listed as un-mappable, otherwise known as “orphan sites”. BEC reviewed the Orphan Summary list in the EDR report. The EDR report lists 20 orphan sites that may be located within or outside the standard 1-mile radius search distance. Based upon site knowledge, the investigator has identified five of the listings to be within the 1-mile radius. These sites include:

- Petro Source/Tonopah Refinery – Identified in the Toxic Substances Control Act (TSCA) database.
- Foreland Refining, listed as two separate entries on the Orphan Summary list – Identified in the Facility Index System (FINDS) and Resource Conservation and Recovery Act (RCRA) – Conditionally Exempt Small Quantity Generator (CESQG) databases.
- Tonopah Airport, listed as two separate entries on the Orphan Summary list – Identified in the US Brownsfields and FINDS databases

The Foreland Refining site (formerly the Petro Source/Tonopah Refinery) is located more than 0.25-miles down-gradient of the subject site. Thus based upon the distance and location from the subject site, the former refining facility is not considered to be a REC.

Based on records review and interviews, the subject site was first developed in the 1940’s as the operations building for the Tonopah Army Air Field. The air field is a Formerly Used Defense Site (J09NV0969) that was assessed by the USACE, as described through a series of documents dated between February 1991 (Ninyo and Moore, 2002) and May 2004 (NDEP, 2004). On June 9, 2004, the NDEP prepared a Draft Decision Document that provided a no further action determination based on information provided by the USACE. Additionally, the USACE prepared a map in March 2006, documenting known soil concentrations of various constituents of concern to assist the County in future redevelopment decisions (i.e. focusing redevelopment efforts in areas with no known contaminants of concern in excess of NDEP’s reportable concentrations). Based on BEC’s review of the USACE’s March 2006 map, no contaminants of concern in reportable concentrations were evident in the vicinity of the FBO building, thus BEC does not consider the other historical activities assessed under the USACE’s FUDS program constitute a REC.

Based on a review of the orphan site information provided, such as site name and approximate location, the remaining 15 sites do not appear to be within a 1-mile radius. Thus, BEC does not consider these sites to be a REC.

4.2 Local Records Documentation

In the late nineteenth century, companies such as the Sanborn Company began preparing maps of central business districts for use by fire insurance companies. These maps were updated and expanded geographically periodically through the twentieth century. Fire insurance maps often indicate construction materials, specific property use, and the location of other features such as gasoline storage tanks. Please refer to **Appendix C** for the Sanborn Map Report prepared by EDR, indicating no maps were available for the subject site or the surrounding area.

A historical cities abstract was prepared for this site and reported no addresses found within the search criteria. Please refer to EDR-City Directory Image Report located in **Appendix C**.

In order to obtain additional information regarding the subject site, the agencies listed in Table 5 were contacted.

Table 5 – Local Agencies

Agency	Phone Number
Nye County Assessor	775-48-8174
Nye County Clerk	775-482-8127
Nye County Recorder	775-482-8116
Nye County Buildings and Grounds	775-751-4289
Nye County Planning	775-482-8181
Tonopah Fire Station	775-482-6643
Tonopah Public Utilities	775-482-6643

BEC performed a file review of Nye County Clerk’s, Recorder’s, and Buildings and Ground’s records, and Nevada Division of Environmental Protection records. The clerk’s records showed a lease agreement between Nye County and Mark Peterson for the Fixed Base Operator Building. Available from the recorder’s office were June 1980 construction plans for lighting system improvements. These plans showed renovations to the Tonopah Airport electrical infrastructure including a 600 volt line to the near FBO building in support of a potential remote control panel and pull box. The electrical features are not included within the scope of this ESA since they are located outside the site perimeter.

BEC contacted the NDEP to review regulatory records associated with the subject property, as review of the Phase I ESA prepared by Ninyo and Moore in 2002, indicated the presence of two 515-gallon underground storage tanks (USTs) used to store gasoline. Based on the “Environmental FirstSearch Site Detail Report” dated June 12, 2002, and provided in the Ninyo and Moore report, USTs appeared to be located within 1/8-mile north of the subject site. NDEP provided scanned file information for Facility ID #7-000035 and ID #7-000037, that stated the USTs were initially installed on April 9, 1958, and April 10, 1959, respectively, and subsequently registered as “closed” by the FAA on April 19, 1994, and April 12, 1994, respectively. Neither Facility ID #7-000035 nor ID #7-000037 appear in NDEP’s “Active Cases as of January 29, 2014”, nor do the facilities appear in NDEP’s list of “Confirmed Release Cases Closed Between 1/1/90 and 1/29/2014”. Copies of NDEP’s UST file information are provided in **Appendix B**.

The subject site is being redeveloped for a continued commercial use (airport operations). However, because the airport operator also resides on the site, the applicable screening levels for environmental media are residential. As noted, two USTs were administratively closed in 1994 by the NDEP, and may be located within 1/8-mile up gradient of the site. Subsurface conditions are not known within the vicinity of the closed USTs. NDEP records indicate gasoline (contains volatile organic compounds [VOCs]) was stored in both USTs which, if they leaked, could pose a vapor intrusion threat to Site occupants. (VOCs in contaminated soil and groundwater emit vapors that rise through the pore space of the unsaturated zone above the water table. These vapors [also known as soil gas] can move laterally as well as vertically from the source of contamination. Lateral movement can increase as groundwater plumes migrate away from the source of contamination or if the ground surface is paved or frozen, preventing escape of vapors upwards.) Typically, a limited soil vapor assessment would be recommended to conduct a screening evaluation as to whether or not the vapor intrusion exposure pathway is complete and, if so, whether it poses an unacceptable risk to human health. A complete pathway means that humans are exposed to vapors originating from site contamination. However, EPA guidance suggests that the area of interest (or proposed development) be located near soil or groundwater contaminated with VOCs. EPA’s draft guidance for evaluating the vapor intrusion pathway defines “near” as contamination within 100 feet (laterally or vertically) of buildings, unless there is a conduit that intersects the soil gas migration route

that would allow soil gas to migrate further than 100 feet (EPA, 2002). Because these former structures are located more than 100 feet from the northern site boundary and no known conduit exists, BEC does not recognize this as an environmental concern.

4.3 Physical Setting – Topography and Hydrogeology

The following sections describe the topography, geologic, and hydrologic characteristics of the site vicinity.

The surface of the site is relatively flat and gently slopes to the southeast. Based on a review of the United States Geological Survey (USGS), East of Tonopah, Tonopah, Nevada, 7.5-minute quadrangle map (provisional Edition 1987), the site is situated at an elevation of approximately 5,420 feet above mean sea level.

The airport is located in west central Ralston Valley which extends northeast and south. The San Antonio Mountains are located to the west and the Monitor Mountain Range is located to the northeast of the site. The Ralston Valley is within the western part of the Basin and Range physiographic province. The valley is a naturally formed, elongate valley resulting from northeast-trending block faulting, a fundamental characteristic of the Basin and Range physiographic province (Ninyo and Moore, 2002).

The valley deposits underlying the site and vicinity are classified as quaternary alluvium, colluvium, and talus (Nevada Bureau of Mines and Geology, 1985). The soil deposits in this region of Nye County consist primarily of sandy gravel and gravelly sand on the flanks of the mountains and grading into alluvial, silty sand with gravel and sandy silt in the valley.

No natural surface water bodies, including ponds, streams, or other bodies of water, are present on the site.

Northern portions of Nye County experience four seasonal changes with heavy rainstorms prevalent during late spring (May-June) and late summer (August). The snowmelt and limited precipitation infiltrates the subsurface through the bedrock and alluvium and eventually becomes the shallow groundwater aquifer below the surface in the valley. Groundwater at the subject site is anticipated to occur at depths of approximately 500 feet or more below ground surface based on the water level data of the wells in the area of northern Ralston Valley (Ninyo and Moore, 2002). The groundwater flow direction is expected to be southeast following the same trend as the regional surface drainage.

Additional physical setting documentation is provided in **Appendix D**.

4.4 Historical Use Information on the Property and Adjoining Properties

The section describes the historical land use of the subject site and adjoining properties compiled from several resources as follows:

- The Tonopah Army Airfield was used during World War II for crew training and equipment testing. The Tonopah Army Airfield was closed and the land and all the buildings were transferred to Nye County under Quitclaim Deed.
- Nye County has operated the property as a general aviation airport since 1949.
- The site continues to serve as the operational building for the airfield / airport.

The earliest aerial photography available is the EDR in 1974 and depicts the FBO building and airport runways and apron. Site development began in the 1940s and has continued through 2010 as documented in the aerial photography series provided in **Appendix E**. The objective of consulting historical sources is to develop a history of the previous uses of the property in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. Historical use information describing the subject property was obtained from a variety of sources as discussed below. This information is summarized in Table 6.

Table 6 – Subject Site Historical Land Use

Period/Date	Land Use	Source(s) of Information
1940	US Army Airfield Operations (FBO) building	Title information
1974	General aviation airport	Aerial Photo – 1"=1000'
1976	General aviation airport	Aerial Photo – 1"=1000'
1981	General aviation airport	Aerial Photo – 1"=1000'
1984	General aviation airport	Aerial Photo – 1"=500'
1994	General aviation airport	Aerial Photo – 1"=750'
1999	General aviation airport	Aerial Photo – 1"=500'
2010	General aviation airport	Aerial Photo – 1" = 500'
2014	General aviation airport	Site Visit

The objective of consulting historical sources is to develop a history of the previous uses of the surrounding properties in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. The historical uses of adjoining properties to the subject property are summarized below. These uses were determined using the public records available through the Nye County and Tonopah agencies, and aerial photography review.

Table 7 – North Historical Land Use

Period/Date	Land Use	Source(s) of Information
1974	North portion of airport runway and dirt access roads.	Aerial Photo – 1"=1000'
1976	North portion of airport runway and dirt access roads.	Aerial Photo – 1"=1000'
1981	North portion of airport runway and dirt access roads and a single asphalt access road.	Aerial Photo – 1"=1000'
1984	North portion of airport runway and dirt and asphalt access road.	Aerial Photo – 1"=500'
1994	North portion of airport runway and dirt and asphalt access road.	Aerial Photo – 1"=750'
1999	North portion of airport runway, dirt and asphalt access roads, a hanger, and fuel tanks.	Aerial Photo – 1"=500'
2010	North portion of airport runway, dirt and asphalt access roads, a hanger, and fuel tanks.	Aerial Photo – 1" = 500'

Table 8 – South Historical Land Use

Period/Date	Land Use	Source(s) of Information
1974	US Army Airfield building remnants and dirt access roads.	Aerial Photo – 1”=1000’
1976	US Army Airfield building remnants and dirt access roads.	Aerial Photo – 1”=1000’
1981	US Army Airfield building remnants and dirt access roads.	Aerial Photo – 1”=1000’
1984	US Army Airfield building remnants and dirt access roads.	Aerial Photo – 1”=500’
1994	US Army Airfield building remnants, industrial facility, and dirt and asphalt access roads.	Aerial Photo – 1”=750’
1999	US Army Airfield building remnants, industrial facility, residential units, and dirt and asphalt access roads.	Aerial Photo – 1”=500’
2010	US Army Airfield building remnants, industrial facility, residential units, and dirt and asphalt access roads.	Aerial Photo – 1” = 500’

Table 9 – East Historical Land Use

Period/Date	Land Use	Source(s) of Information
1974	Airport runways.	Aerial Photo – 1”=1000’
1976	Airport runways.	Aerial Photo – 1”=1000’
1981	Airport runways.	Aerial Photo – 1”=1000’
1984	Airport runways and basic apron.	Aerial Photo – 1”=500’
1994	Airport runways and basic apron.	Aerial Photo – 1”=750’
1999	Airport runways and complete apron.	Aerial Photo – 1”=500’
2010	Airport runways and complete apron.	Aerial Photo – 1” = 500’

Table 10 – West Historical Land Use

Period/Date	Land Use	Source(s) of Information
1974	Army Airfield building remnants and dirt access roads.	Aerial Photo – 1”=1000’
1976	Army Airfield building remnants, and dirt and asphalt access roads.	Aerial Photo – 1”=1000’
1981	Army Airfield building remnants, and dirt and asphalt access roads.	Aerial Photo – 1”=1000’
1984	Army Airfield building remnants, and dirt and asphalt access roads.	Aerial Photo – 1”=500’
1994	Army Airfield building remnants, and dirt and asphalt access roads.	Aerial Photo – 1”=750’
1999	Army Airfield building remnants, and dirt and asphalt access roads.	Aerial Photo – 1”=500’
2010	Army Airfield building remnants, and dirt and asphalt access roads.	Aerial Photo – 1” = 500’

5 SITE RECONNAISSANCE

The purpose of the site reconnaissance is to obtain information indicating the likelihood of identifying historical, recognized, and controlled environmental conditions in connection with the property and adjacent area. The site reconnaissance visit was performed on January 30, 2014, by Victoria Tyson-Bloyd and John Yvon (BEC) at approximately 3:25 pm. The weather during the inspection was partially overcast with light snowfall. Wind speeds were 5 to 10 miles per hour with temperatures of 50 degrees Fahrenheit.

The site was visually inspected by walking the fence-line and surrounding buildings. Access to the active operational building was granted by Mr. Peterson, the site occupant. All areas of the building were visually inspected except the southern portion of the original 1940 building due to a locked door. In addition, the manufactured home and prefabricated buildings were not entered.

Conditions of adjoining properties were visually evaluated for any potential RECs. Photographs taken during the site reconnaissance are provided in **Appendix F**.

5.1 Methodology and Limiting Conditions

BEC first performed a visual survey of the adjoining properties to the north, east, south, and west of the subject site in order to evaluate the types of businesses, structures and any conditions of the neighboring properties that may pose an environmental risk to the subject site. Structures of particular note (i.e. hangers, transformers, chemical storage areas, etc.) were photographed and recorded in a field log.

BEC walked the entire perimeter of the subject site and noted conditions inconsistent with those expected for a commercial property. BEC walked the interior of accessible buildings and noted any conditions inconsistent with those expected for a commercial property.

5.2 General Site Setting

The subject site is a 0.75-acre portion of the 2,171-acre parcel APN 012-471-03 with both residential and commercial use. The adjoining property to the north east, east, and southeast comprise the general aviation airport runways and apron which sits within the former US Army Airfield property.

5.3 Exterior Observations

The exterior of all buildings, tanks, support structures and other appurtenances were observed during the site reconnaissance. The original FBO building was constructed on a concrete foundation with concrete walls. The walls were covered with wood siding (refer to **Appendix F** Photographs 3 and 7). The wooden siding was heavily weathered with a significant portion of the exterior paint missing. The remaining paint appeared to extremely weathered and cracked. The roof of the buildings appeared to be in relatively good condition (refer to **Appendix F** Photograph 6).

The two propane tanks were in good condition and appeared to be maintained. The 500-gallon steel fuel tank was elevated above ground by concrete and wood blocks (refer to **Appendix F** Photograph 5). The exterior of the tank appeared weathered but appurtenances were in working order. There was no containment noted surrounding the tank area. However, there were no visual signs of staining around the tank.

Two communication towers are located on the subject site to serve communication needs for the airport facility. A power pole with a pole mounted transformer (#15) was observed along the Airport Road just west of the subject site. BEC requested information regarding the status of the transformer from NV

Energy. NV Energy's Support Department confirmed that all transformers prior to 1978 were tested by NV Energy and those with polychlorinated biphenyls were removed and replaced.

In general, the ground surface did not appear to be stained in the visible portions of the concrete areas nor were distressed areas of vegetation identified.

5.4 Interior Observations

The interior of all accessible buildings and other appurtenances were observed during the site reconnaissance. The interior of the operational building was consistent with office and administrative use containing restroom facilities, carpeted reception area, desk front for retail transaction actions, a small kitchen area, and office space. The carpeted reception area was constructed in 1970. The additional expansion in 1976 was constructed and built for residential and light office purposes as evidenced by the fire place, carpeting and furniture. The roof on the 1976 portion was damaged and leaking.

The flooring of the original 1940s building was tiled with green vinyl and mastic adhesive. Sections of this flooring were damaged and missing as depicted in **Appendix F** Photographs 11 and 12. The flooring was uniform in the main 1940 structure and should be assumed to be throughout the entire structure (even though not visually observed in the inaccessible section). The sections of the building constructed in 1970 and later were concrete foundation with carpet overlay.

The building was heated by a fuel oil furnace contained within the operational building (refer to **Appendix F** Photograph 10). The 200-gallon steel tank feeds the furnace through a below ground line generally aligned as shown on Figure 2 (**Appendix A**). The furnace was operating in good order during the site walk.

6 INTERVIEWS

The purpose of this Phase I ESA is to identify recognized environmental conditions that may be present due to past or present land use of the site, and/or properties in the site vicinity. BEC Environmental, Inc. conducted interviews as discussed in Sections 6.1 through 6.3 below.

6.1 Interview with Owner Representative

BEC conducted an interview with Ms. Joni Eastley, Nye County Assistant Manager. Ms. Eastley has been involved in the management of the airport for the County for over 10 years. Ms. Eastley had no knowledge of environmental or other liens on the property, chemicals and hazardous materials which may be stored on site, spills or releases, environmental cleanups, or other indicators pointing to the presence or likely presence of releases. Ms. Eastley stated she did not know of any use limitations imposed other than those imposed by the FAA on general aviation airports. To Ms. Eastley's knowledge, the FBO building and vicinity has always been used as an administrative/operational area for aviation purposes. The only renovations Ms. Eastley were aware of were upgrades to the public bathrooms (less than five years prior).

Ms. Eastley did express concern regarding the vinyl floor tiling and mastic during future demolition activities due to their potential to contain asbestos fibers.

6.2 Interview with Airport/Site Manager/Owner Representative

BEC conducted an interview with Mr. Jack Osburn, Nye County Public Works (Airport/Site Manager/Owner Representative). Mr. Osburn serves as the airport manager for Nye County. Mr. Osburn indicated he had no knowledge of environmental or other liens on the property, chemicals and hazardous materials which may be stored on site, spills or releases, environmental cleanups, or other indicators

pointing to the presence or likely presence of releases. Mr. Osburn also indicated that the site's wastewater is conveyed via sewer and managed by Tonopah Public Utilities at its wastewater treatment plant.

6.3 Interview with FBO Manager/User

BEC conducted an interview with Mr. Mark Peterson of Desert Flying Services and acting airport operator. Mr. Peterson stated he has been associated with the airport for more than 30 years. Mr. Peterson stated he had no knowledge of environmental or other liens on the property, spills or chemical releases, environmental cleanups, or other indicators pointing to the presence or likely presence of releases. Except for FAA activity and use limitations, Mr. Peterson indicated he had no knowledge of use limitations. Mr. Peterson stated he believes the FBO building and vicinity has always been used as a general aviation operation and office building even during its use by the US Army. The only renovations Mr. Peterson stated he was aware of were to the restrooms (by Nye County contractor) and the addition of interior walls to subdivide office rooms (installed by Mr. Peterson).

Mr. Peterson stated that he utilized jet fuel (commercial grade jet fuel A) as the heating oil for the furnace. BEC reviewed the Safety Data Sheet (SDS) for the Jet A fuel to confirm no lead was present, as many aviation fuels contain lead. The SDS is provided in **Appendix G**. Mr. Peterson identified the approximate location of the service line from the tank to the furnace (refer to Figure 2 **Appendix A**). Mr. Peterson stated he had no knowledge of any spills or releases from the tank. Mr. Peterson also estimated that the furnace was approximately twenty years old. He indicated that soot periodically stains the wall and ceiling in the vicinity of the vent.

Mr. Peterson also raised a concern regarding the tiling throughout the active and closed portions of the FBO building should demolition activities take place. Mr. Peterson provided the following utility summary for the site:

- Potable water facilities – Tonopah Public Utilities provides the water to the airport and site through a water main and is stored in an aboveground water tank located at the airport.
- Wastewater facilities – Tonopah Public Utilities provides the wastewater service via sewer line to the sewage treatment plant located at the southern end of the airport property.
- Power – NV Energy services the area with above ground service lines.

7 EVALUATION

The following sections detail the findings and opinion associated with the ESA coupled with recommendations for further action.

7.1 Findings and Opinion

The following is a summary of findings associated with the ESA performed for the subject site. The following items were noted:

- The subject site consists of an approximate 4,000 square foot operations building built in the 1940s with two expansions in the 1970s. Additional structures on the site include a manufactured home and three prefabricated buildings used as storage and office space. Additional structures on the site include two communication towers for airport usage. The subject site is located at 1 Airport Road, Tonopah, Nevada 89049.

- Based on a review of historical documents, including aerial photography, the subject site was first developed in 1940.
- The site has been utilized as the operational building for the former US Army Airfield and currently the general aviation airport operated by Nye County.
- The regulatory database review was purchased as a report through Environmental Data Resources, Inc. (EDR) and identified the following:
 - No listings on either the Federal or State environmental registries with the exception of the Formerly Used Defense Sites (FUDS) listing where the USACE was working to investigate and take cleanup actions.
 - NDEP records indicated no further action was granted in 2004 to the USACE (NDEP, 2004). In addition, the investigators reviewed the environmental investigation files for the site and find no indication that they would cause an environmental concern at the subject site.
- Due to discrepancies in the location of some facilities in the databases arising from incorrect or incomplete addresses some facilities were listed as un-mappable, otherwise known as “orphan sites”. BEC reviewed the Orphan Summary list in the EDR report. The orphan list consists of sites that cannot be mapped because their address or facility information was incomplete. The EDR report lists 20 orphan sites that may be located within or outside the standard 1-mile radius search distance. Based on a review of the orphan site information provided, such as site name and approximate location, BEC does not consider these sites to be a recognized environmental condition.

7.2 Conclusions and Recommendations

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Tonopah Airport FBO building site located in Tonopah, Nevada, APN 012-471-03, consisting of 0.75-acres of commercially developed land. The subject site is located at 1 Airport Road, Tonopah, Nevada 89049. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. BEC identified the following RECs which, in our opinion, warrant additional investigation at this time:

- Conduct an asbestos survey by a certified abatement contractor to evaluate the floor tiling, roofing materials, piping insulation, and other potential sources of asbestos containing materials located within the FBO Building.
- Collect surface soil samples in the vicinity of the above ground fuel tank to evaluate the potential for contaminants (total petroleum hydrocarbon, volatile organic compounds, and metals) from historic fuel releases.

8 NEVADA ENVIRONMENTAL MANAGER CERTIFICATION

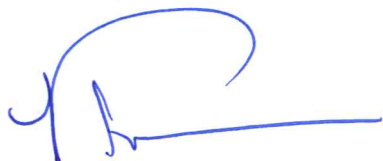
The following statements are required in accordance with 40 CFR 312.21(d), and Section 12.13 *Environmental Professional Statement*, of ASTM E-1527-13:

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 standards and practices set forth in 40 CFR Part 312.

Additionally, in accordance with the Nevada Revised Statutes 459.500, Section 1, a holder of a certificate who is responsible for service requiring certification shall ensure that each document relating to the service includes the following language:

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



Victoria Tyson-Boyd, C.E.M.
Certified Environmental Manager
No. 2200
Expires: September 24, 2015

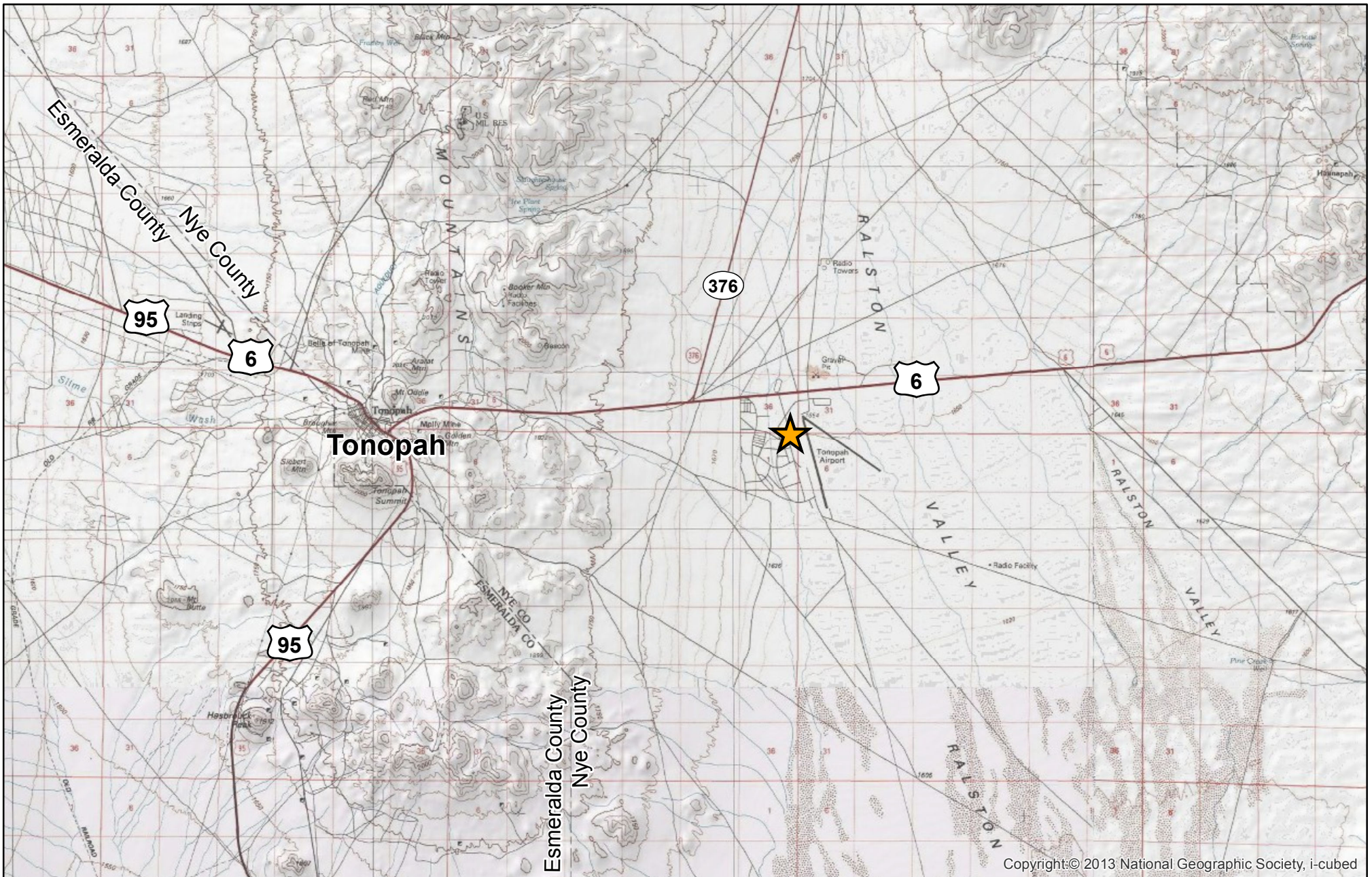
2.19.14

Date

9 REFERENCES

- American Society for Testing and Materials Standard (ASTM). 2013. Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-13). December 22.
- Environmental Data Resources, Inc. (EDR). 2014. EDR Radius Map with Geocheck. January.
- Environmental Protection Agency. 2008. Brownfields Technology Primer: Vapor Intrusion Considerations for Redevelopment. EPA 542-R-08-001. March.
- Environmental Protection Agency. 2002. Office of Solid Waste and Emergency Response Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils. EPA530-D-02-004. November.
- Nevada Bureau of Mines and Geology. 1985. Bulletin 99A Geology of Northern Nye County, Nevada. University of Nevada Reno.
- Nevada Department of Environmental Protection (NDEP). 2004. Letter from Ramon Naranjo, Bureau of Federal Facilities, to Jerry Vincent, FUDS Program Manager, US Army Corp of Engineers, Regarding Former Tonopah Army Airfield, J09NV0969, Draft Decision Document, May 2004. June 9
- Ninyo and Moore. 2002. Phase I Environmental Site Assessment Tonopah Airport, Tonopah, Nevada. August 19.
- United States Geological Survey (USGS). Topographic Map, East of Tonopah, Tonopah, Nevada, 7.5-minute quadrangle map (provisional Edition 1987).

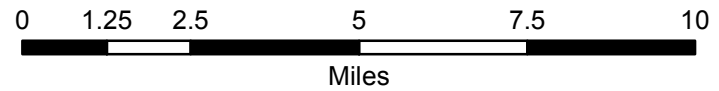
Appendix A
Figures



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Figure 1 - Vicinity Map

Tonopah FBO Building
 Tonopah, Nye County, Nevada



bec environmental, inc.

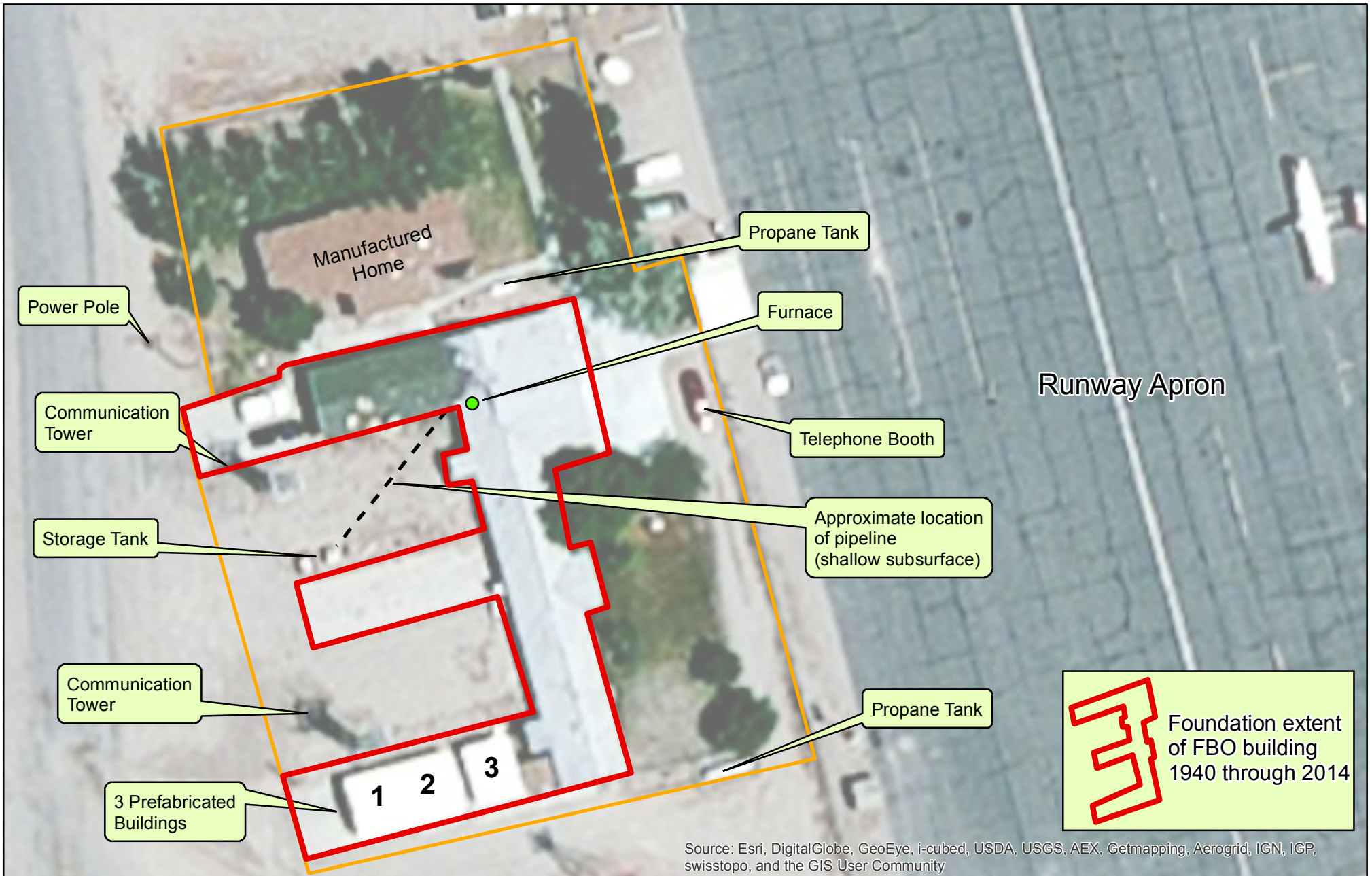
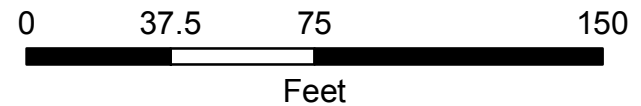


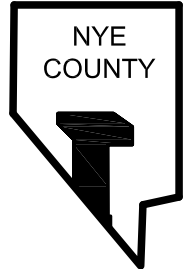
Figure 2 - Site Reconnaissance Map

Tonopah FBO Building
Tonopah, Nye County, Nevada

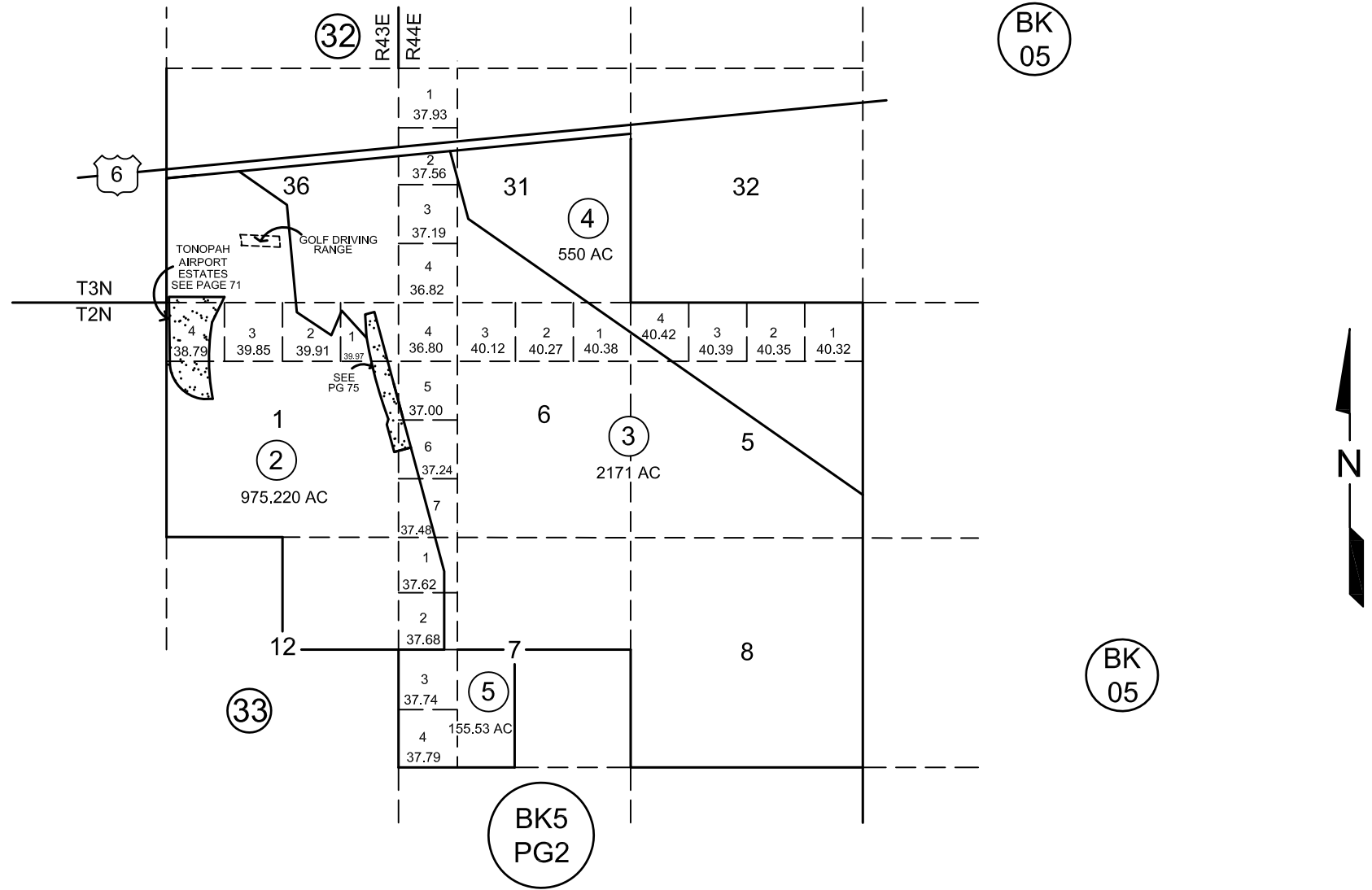


POR. T2N & T3N
 POR. R43E & R44E

12-47



REV. 11-15-94
 10-30-01
 11-01-10



MAR83/RLW
 PG ENLARGED
 MAY94/NMT
 CAD FILE 11/01/10-DO
 NYE COUNTY ASSESSOR

NOTE: THIS PLAT IS FOR ASSESSMENT USE ONLY AND
 DOES NOT REPRESENT A SURVEY. NO LIABILITY IS
 ASSUMED AS TO THE ACCURACY OF THE DATA
 DELINEATED HEREON.

TONOPAH AIRPORT
 Figure 3 - Assessor's Parcel Map

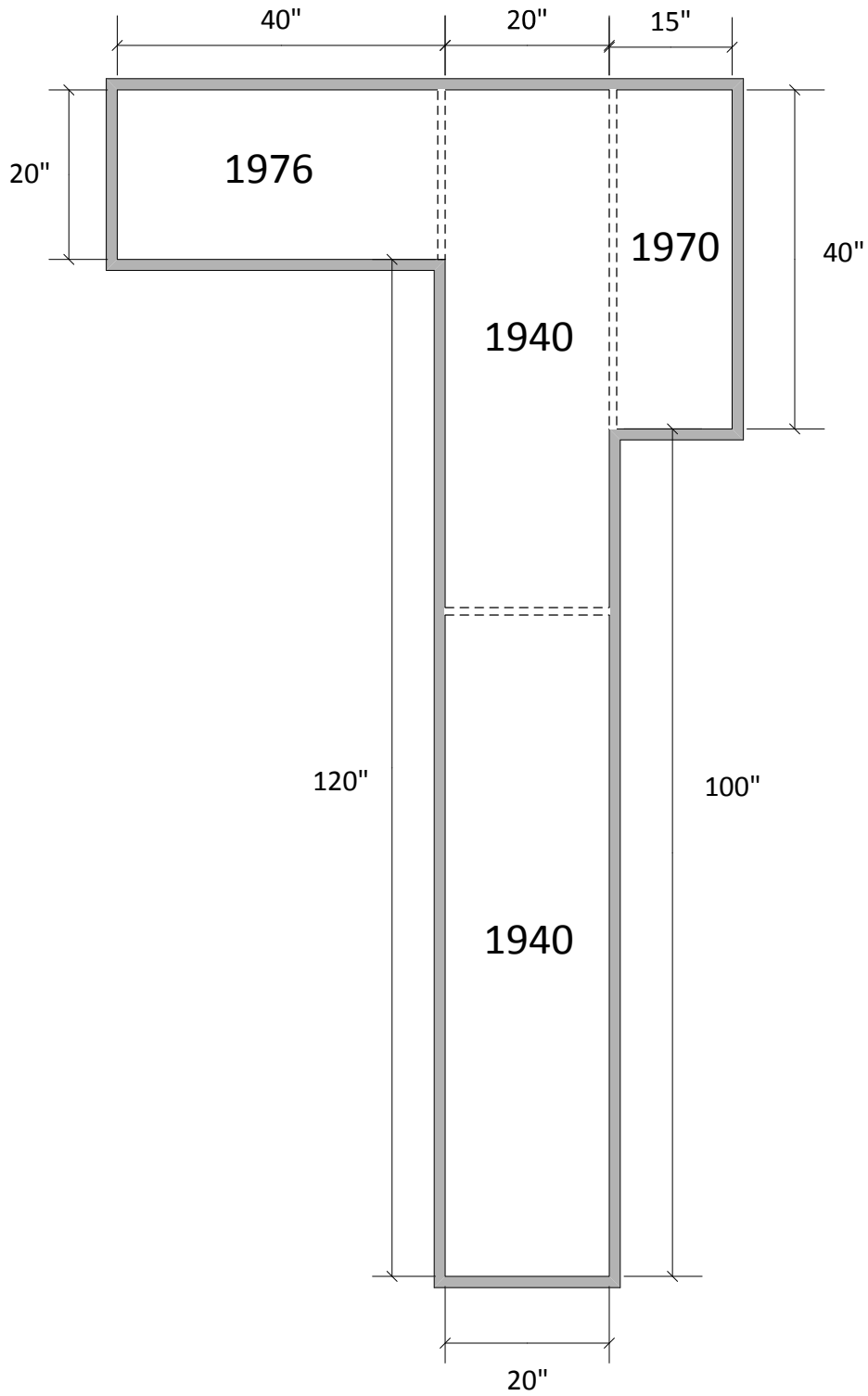


Figure 4 – Building Dimensions
 Tonopah FBO Building
 Tonopah , Nye County, Nevada

Measurements are
 Approximate

bec environmental, inc.



Appendix B

Regulatory Records Documentation

Tonopah FBO Building

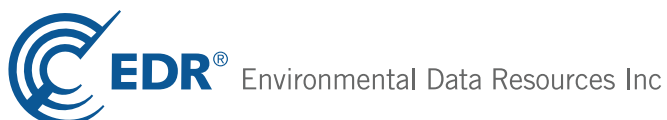
Tonopah FBO Building

Tonopah, NV 89049

Inquiry Number: 3840836.2s

January 28, 2014

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

TONOPAH FBO BUILDING
TONOPAH, NV 89049

COORDINATES

Latitude (North): 38.0636000 - 38° 3' 48.96"
Longitude (West): 117.0966000 - 117° 5' 47.76"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 491525.9
UTM Y (Meters): 4212670.0
Elevation: 5422 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38117-A1 EAST OF TONOPAH, NV
Most Recent Revision: 1987

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Sites Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Landfill List

State and tribal leaking storage tank lists

LUST..... Sites Database
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank List

EXECUTIVE SUMMARY

AST..... Aboveground Storage Tank List
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Project Tracking Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
SWRCY..... Recycling Information Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
NPDES.....	Permitted Facility Listing
AIRS.....	Permitted Airs Facility Listing
HMRI.....	Hazardous Materials Repository Information Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
2020 COR ACTION.....	2020 Corrective Action Program List
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
COAL ASH DOE.....	Steam-Electric Plant Operation Data
US FIN ASSUR.....	Financial Assurance Information
Financial Assurance.....	Financial Assurance Information Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH.....	Coal Ash Disposal Sites
PCB TRANSFORMER.....	PCB Transformer Registration Database
EPA WATCH LIST.....	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2011 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

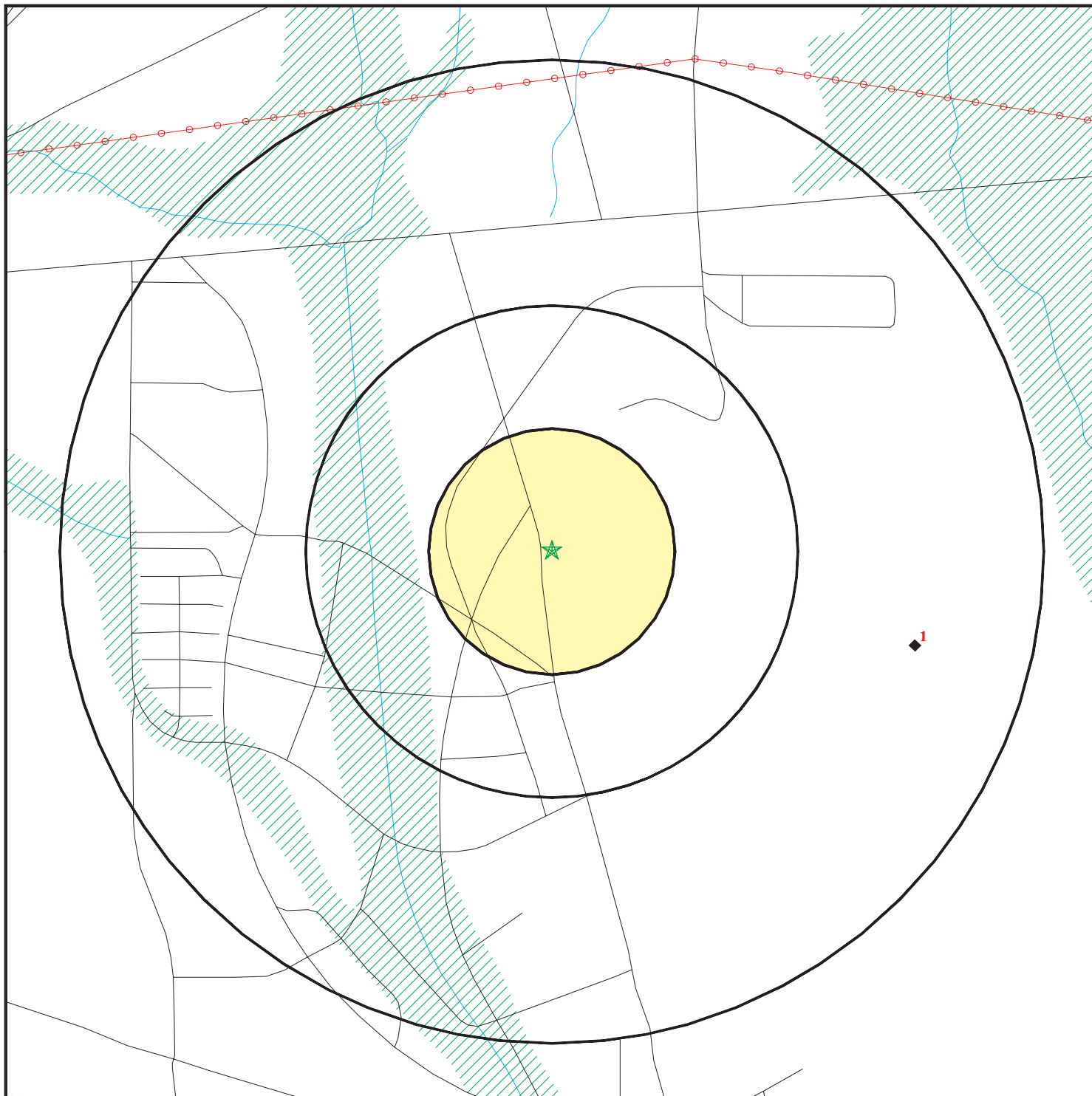
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TONOPAH ARMY AIRFIELD		ESE 1/2 - 1 (0.762 mi.)	1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
	RGA LUST
	RGA LUST
	SHWS, RGA HWS
	SHWS, RGA HWS
	SHWS, RGA HWS
	SHWS, RGA HWS
	CERC-NFRAP, RCRA NonGen / NLR, PADS, US AIRS
	CERC-NFRAP
	RCRA-SQG
	RCRA NonGen / NLR, FINDS
	RCRA NonGen / NLR, FINDS
	RCRA-CESQG
	RCRA-CESQG
	RCRA-CESQG, FINDS
	FINDS
	FINDS
	FINDS
	FINDS
	TSCA
	US BROWNFIELDS
KNIGHT TRANSPORTATION MOBILE SOURC	
TONOPAH TEST RANGE	
TUNGSTEN INC ROCK HILL	
COLUMBUS PROJECT	
HILLS MARGARET INC TONOPAH WEST	
NEVADA BELL	
EQUATORIAL TONOPAH INC	
FORELAND REFINING CORP - TONOPAH R	
UNITED PARCEL SVC TONOPAH	
TONOPAH WELLS AND TRANSMISSION MAI	
FORELAND REFINING TONOPAH REFINERY	
TONOPAH SOLAR ENERGY LLC	
TONOPAH AIRPORT	
PETRO SOURCE - TONOPAH REFINERY	
TONOPAH AIRPORT	

OVERVIEW MAP - 3840836.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone

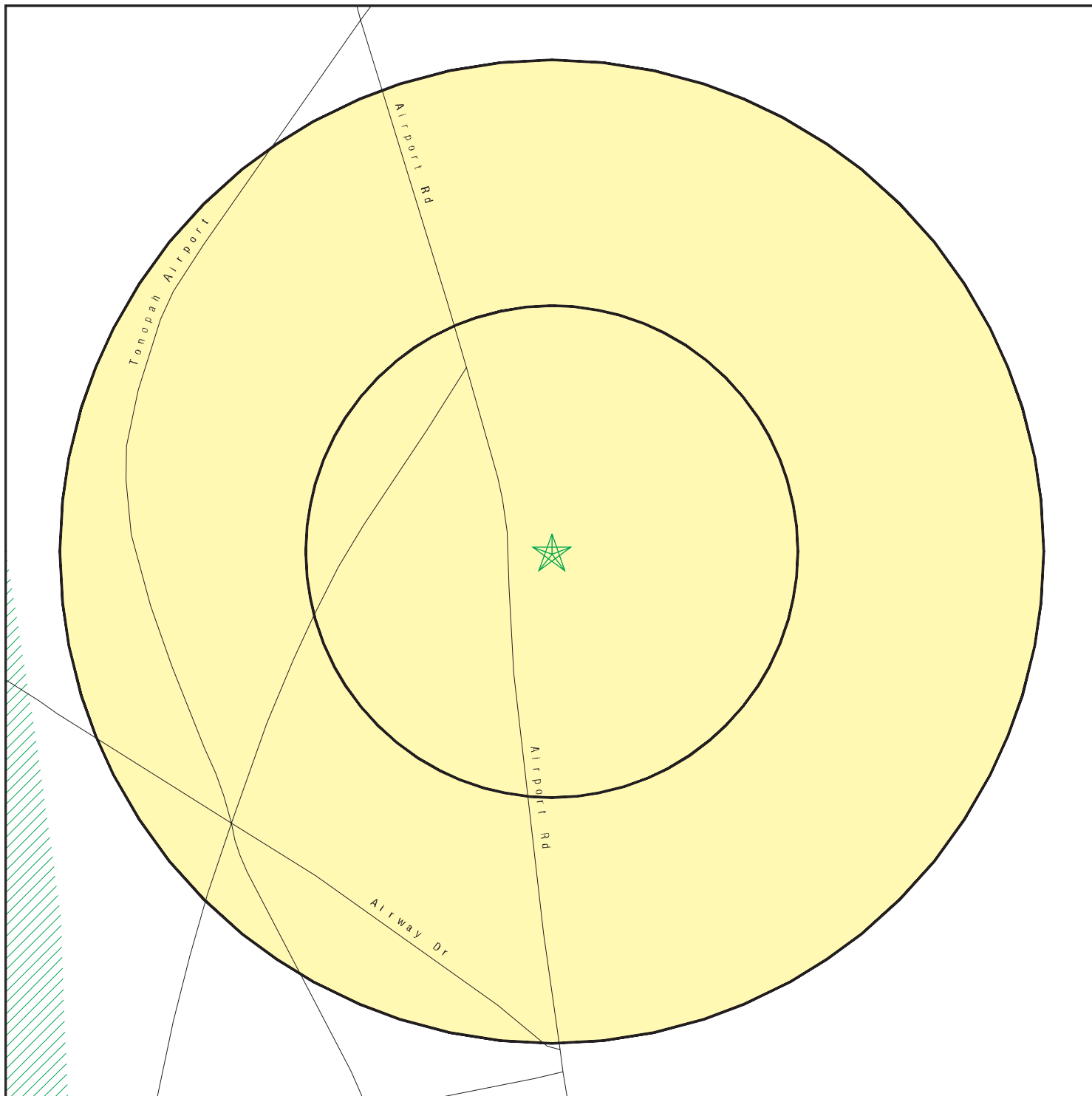


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tonopah FBO Building
 ADDRESS: Tonopah FBO Building
 Tonopah NV 89049
 LAT/LONG: 38.0636 / 117.0966

CLIENT: BEC Environmental, Inc.
 CONTACT: John Yvon
 INQUIRY #: 3840836.2s
 DATE: January 28, 2014 10:57 am

DETAIL MAP - 3840836.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites



- ☒ Indian Reservations BIA
- ⚡ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tonopah FBO Building
 ADDRESS: Tonopah FBO Building
 Tonopah NV 89049
 LAT/LONG: 38.0636 / 117.0966

CLIENT: BEC Environmental, Inc.
 CONTACT: John Yvon
 INQUIRY #: 3840836.2s
 DATE: January 28, 2014 10:59 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	1	NR	1
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HMRI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	0.500		0	0	0	NR	NR	0
RGA LF	0.500		0	0	0	NR	NR	0
RGA HWS	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
ESE
1/2-1
0.762 mi.
4026 ft.

TONOPAH ARMY AIRFIELD
TONOPAH, NV

FUDS 1012129654
N/A

Relative:
Lower

FUDS:

Federal Facility ID: NV9799F6033
 FUDS #: J09NV0969
 INST ID: 54092
 Facility Name: TONOPAH ARMY AIRFIELD
 City: TONOPAH
 State: NV
 EPA Region: 09
 County: NYE
 Congressional District: 02
 US Army District: Sacramento District (SPK)
 Fiscal Year: 2011
 Telephone: 916-557-7461
 NPL Status: Not Listed
 RAB: Not reported
 CTC: 1163.7
 Current Owner: LOCAL GOVT; PRIVATE
 Current Prog: Not reported
 Future Prog: Not reported

Actual:
5417 ft.

Description: The 10,433.62-acre site is located in south-central Nevada in Nye County approximately eight miles east of the City of Tonopah. There are seven Department of Defense (DoD)-built structures at the airport, three large wood and steel constructed hangars, three igloos (bunkers), and an office building that is currently occupied by the Desert Flying Service and a weather forecasting service. One of the hangars, building T-2585, is owned and occupied by Nye County and is used for small aircraft storage and maintenance. The other two hangars, building T-1380 and T-2430, are privately owned and are currently vacant. These structures have been used as storage facilities subsequent to DoD ownership. All of the hangars are in poor structural condition with broken windows, furnaces and piping with exposed insulation, wood and metal debris, and severely weathered and aged exterior siding. The three igloos are owned and used by Nye County. The site is currently owned by Nye County and is used as a county airport for light aircraft.

On January 14, 1941, the U.S. Department of Interior transferred 7,338.23 acres by executive order to the U.S. Army. An additional 617.87 acres were transferred on January 12, 1942 and 2,240 acres by Use Permit on December 3, 1943. Smaller areas were transferred by Use Permit through May 15, 1945 for a total of 10,433.62 acres.

Construction for the airfield began in the early 1940s and by July 1942 Tonopah Army Airfield was in operation. The site was developed into a fighter, and later, a bomber training base. In 1945, the Tonopah Army Airfield became known as Tonopah Air Force Base after the transition of the U.S. Army Air Corps into the U.S. Air Force. The base was deactivated on August 23, 1945 and the total acreage of 10,433.62 was transferred to the War Assets Administration on August 21, 1948. Eleven underground storage tanks remain on site, there are open oil pits at three of the hangars and a berm that needs investigation.

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COALDALE	1003879194	TUNGSTEN INC ROCK HILL	SEC 2 T3N R36E 15 KM N OF COAL	89049	CERC-NFRAP
TONOPAH	1015912642	TONOPAH WELLS AND TRANSMISSION MAI	HIGHWAY 376		FINDS
TONOPAH	1016064849	FORELAND REFINING TONOPAH REFINERY	HIGHWAY 6 AT TONOPAHA AIRPORT		FINDS
TONOPAH	1015746398	COLUMBUS PROJECT	MM 94-HWY 95 CO RD 3-COLUMBUS	89049	RCRA-SQG
TONOPAH	1000427549	EQUATORIAL TONOPAH INC	HWY 95 GABBS POLELINE RD EXIT	89049	RCRA-CESQG
TONOPAH	1004565870	FORELAND REFINING CORP - TONOPAH R	105 AIRPORT ROAD	89049	RCRA-CESQG
TONOPAH	1004755103	UNITED PARCEL SVC TONOPAH	105 CUTTING ST	89049	RCRA-CESQG, FINDS
TONOPAH	1014902860	TONOPAH SOLAR ENERGY LLC	FACILITY ENTRANCE ROAD WILL JO		FINDS
TONOPAH	S114375630		700 U.S. HIGHWAY 95		RGA LUST
TONOPAH	S114373085		1206 NORTH HIGHWAY 95		RGA LUST
TONOPAH	S111027636		U.S. HIGHWAY 6		SHWS, RGA HWS
TONOPAH	S110115055	KNIGHT TRANSPORTATION MOBILE SOURC	U.S. HIGHWAY 95 @ AIR FORCE RO	89049	SHWS, RGA HWS
TONOPAH	S103876785		700 U.S. HIGHWAY 95		SHWS, RGA HWS
TONOPAH	1000291972	HILLS MARGARET INC TONOPAH WEST	MILLERS CORNER BOX 404		RCRA NonGen / NLR, FINDS
TONOPAH	1000340075	TONOPAH TEST RANGE	140M NW OF LAS VEGAS/30M SE OF	89049	CERC-NFRAP, RCRA NonGen / NLR, PADS, US AIRS
TONOPAH	1015726547	TONOPAH AIRPORT	U.S. ROUTE 6 HWY. EAST OF ROUT	89049	US BROWNFIELDS
TONOPAH	1007057778	TONOPAH AIRPORT	U.S. ROUTE 6 HWY.		FINDS
TONOPAH	S106514355		TEST RANGE EXIT NEAR U.S. HIGH		SHWS, RGA HWS
TONOPAH	1005931439	PETRO SOURCE - TONOPAH REFINERY	TONOPAH AIRPORT 1 MI OFF HWY 6	89049	TSCA
TONOPAH	1000145269	NEVADA BELL	1MI N TONOPAH		RCRA NonGen / NLR, FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 01/21/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 01/09/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 01/09/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates 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), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2013	Telephone: 703-603-0695
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 12/09/2013
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2013	Telephone: 703-603-0695
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 12/09/2013
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/20/2013	Source: Department of the Navy
Date Data Arrived at EDR: 08/23/2013	Telephone: 843-820-7326
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 07/23/2013	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 09/25/2013	Telephone: 775-687-5872
Date Made Active in Reports: 10/31/2013	Last EDR Contact: 12/24/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/03/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 21

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 12/03/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Sites Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/23/2013
Date Data Arrived at EDR: 09/25/2013
Date Made Active in Reports: 10/31/2013
Number of Days to Update: 36

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 12/24/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013	Source: EPA Region 7
Date Data Arrived at EDR: 08/27/2013	Telephone: 913-551-7003
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/20/2013	Source: EPA, Region 5
Date Data Arrived at EDR: 08/23/2013	Telephone: 312-886-7439
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/01/2013
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/01/2013	Source: EPA Region 4
Date Data Arrived at EDR: 08/02/2013	Telephone: 404-562-8677
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Underground Storage Tank List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/23/2013	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 09/25/2013	Telephone: 775-687-5872
Date Made Active in Reports: 10/31/2013	Last EDR Contact: 12/24/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 07/23/2013	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 09/25/2013	Telephone: 775-687-5872
Date Made Active in Reports: 10/31/2013	Last EDR Contact: 12/24/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2014
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

The Voluntary Cleanup Program provides relief from liability to owners who undertake cleanups of contaminated properties under the oversight of the Nevada Division of Environmental Protection.

Date of Government Version: 08/16/2011
Date Data Arrived at EDR: 09/27/2011
Date Made Active in Reports: 10/12/2011
Number of Days to Update: 15

Source: Department of Conservation & Natural Resources
Telephone: 775-687-9381
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Project Tracking Database

Brownfields sites included in the Project Tracking Database. The term "brownfields" is used to describe abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination. The State of Nevada has initiated Brownfields, a land-recycling program, to provide an opportunity to redevelop these undesirable properties and revitalize communities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/23/2013
Date Data Arrived at EDR: 09/25/2013
Date Made Active in Reports: 10/31/2013
Number of Days to Update: 36

Source: Division of Environmental Protection
Telephone: 775-687-9384
Last EDR Contact: 12/24/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/24/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Information Listing

A listing of recycling facilities in Nevada.

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/25/2013
Date Made Active in Reports: 12/13/2013
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 775-687-9463
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/06/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 22

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/13/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 76

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2013	Telephone: (415) 495-8895
Date Made Active in Reports: 12/16/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 75	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 11/06/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/17/2014
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/15/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013	Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 12/13/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2013	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 08/07/2013	Telephone: Varies
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 12/26/2013
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 06/11/2013	Telephone: 703-416-0223
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/12/2013
Number of Days to Update: 143	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/26/2013
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/05/2013	Telephone: 303-231-5959
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 12/06/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/17/2014
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 11/27/2013
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/26/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/21/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/21/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/28/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/28/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/09/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2013	Telephone: 202-343-9775
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (415) 947-8000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 12/10/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 10/28/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Biennially

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 10/04/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/04/2013	Telephone: 775-687-9414
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/06/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities and their associated emissions information.

Date of Government Version: 03/31/2011	Source: Division of Environmental Protection
Date Data Arrived at EDR: 03/31/2011	Telephone: 775-687-9359
Date Made Active in Reports: 05/13/2011	Last EDR Contact: 09/23/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Varies

HMRI: Hazardous Materials Repository Information Data

Emergency Planning and Community Right-to-Know Act (EPCRA) required facilities which store or manufacture hazardous materials to prepare and submit a chemical inventory report by March 1st of each year to the State Emergency Response Commission (SERC), LEPC and the local fire department. The inventory form must include information on all hazardous chemicals present at the facility during the previous calendar year in amounts that meet or exceed thresholds.

Date of Government Version: 08/05/2008	Source: State Emergency Response Commission
Date Data Arrived at EDR: 08/05/2008	Telephone: 775-687-6973
Date Made Active in Reports: 08/13/2008	Last EDR Contact: 11/18/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information

Solid waste facility financial assurance information.

Date of Government Version: 12/03/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 12/13/2013
Number of Days to Update: 8

Source: Division of Environmental Protection
Telephone: 775-687-9477
Last EDR Contact: 12/03/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/15/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 12/26/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 12/26/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/13/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/28/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/29/2013	Telephone: 202-566-1917
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/28/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/29/2010	Telephone: 775-687-9465
Date Made Active in Reports: 02/02/2011	Last EDR Contact: 12/18/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/13/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash plants.

Date of Government Version: 10/02/2013	Source: Division of Environmental Protection
Date Data Arrived at EDR: 10/03/2013	Telephone: 775-687-9477
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/17/2014
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/01/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 11/15/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/16/2014
Number of Days to Update: 199

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

WASHOE COUNTY:

Underground Storage Tank in Washoe County

A listing of underground storage tank sites located in Washoe County.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/24/2013
Date Made Active in Reports: 12/13/2013
Number of Days to Update: 50

Source: Washoe County Department of Environmental Health
Telephone: 775-328-2493
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Human Resources
Telephone: 775-684-1100

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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EPA Form - Facility Data as of 09 JAN 1987

Facility ID Number: 7-000035
Date Received: 04/14/86

Ownership	Location
FAA Airway Facilities Sector 5700-C South Haven Clark Las Vegas , NV 89119	FSS-TPH P.O.Box 511 Nye Tonopah, NV 89049

Phone: (702) 388-6534

Type of Owner
Current :X State/Local Govt : Private/Corp :
Former : Federal Govt :X Uncertain :

GSA Number: 32120

No. of Tanks: 1 Facility located on Indian Land? No

Contact Manager: Jack Olsen Title: FOM
Phone: (702) 482-3591

Is this an Amended or Subsequent Form? No

Form Certification
Name: John R. Carlson Title: ~~Asst.~~ Sector Mgr.
Date Signed: 04/09/86

Form Status: PARTIAL

----- ERROR MESSAGES -----

The Owner's Phone is required.

The GSA Number must be entered since the Facility is a Government facility. Enter "Unknown" rather than leave the field blank.

The Type-of-Owner must be one of the following: Current, Former, or Ownership Uncertain.

6/3/88 DN

EPA Form -- Tank Data as of 09 JAN 1987

Facility ID Number: 7-000035 Tank ID Number: 001

Status Code

Currently In Use : X
Temporarily Out of Use :
Permanently Out of Use :
Brought Into Use After 5/8/86 :

Age in Years : 28
Capacity (Gallons) : 515

Material of Construction

Steel : X
Concrete :
Fiberglass Reinforced Plastic :
Unknown :
Other Material :

Internal Protection

Cathodic Protection :
Interior Lining (e.g. epoxy) :
None :
Unknown : X
Other Int. Protection :

External Protection

Cathodic Protection :
Painted (Asphaltic) :
Fiberglass Reinforced Plastic :
None :
Unknown : X
Other Ext. Protection :

Pipe Material

Bare Steel :
Galvanized Steel :
Fiberglass Reinforced Plastic :
Cathodically Protected :
Unknown : X
Other Pipe Mat :

Substance Code

Empty :
Diesel :
Kerosene :
Gasoline : X
Used Oil :
Other Substance Name :
Hazardous Substance :
CERCLA Substance Name :
CAS Number :
Mixture of Substances :
Unknown :

Additional Information For Tanks Permanently Out of Service

Date of Last Use :
Gallons remaining :
Filled with Inert Material :

Facility ID Number: 7-000035 Tank ID Number: 001

----- ERROR MESSAGES -----

No error messages recorded for this tank.

NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS

FACILITY DATA

FACILITY ID NUMBER: 7-000035

OWNER'S ID : 384

DATE RECEIVED : 04-14-86

NOTIFICATION TYPE : ~~New Facility~~ Closure

NUMBER OF TANKS : 1

OWNERSHIP OF TANK(S):

Name : US GOVT - FEDERAL AVIATION ADMINISTRATION
Mailing Address: 3001 S. 35TH ST., SUITE 6
City : PHOENIX State : AZ Zip Code: 85034
Phone: (602) 379-4215 County: MARICOPA

LOCATION OF TANK(S):

Name : FSS-TPH
Street Address: ~~P.O. BOX 511~~ TONOPAH Airport
City : TONOPAH State : NV Zip Code : 89049
County: NYE Latitude: NOT MARKED Longitude: NOT MARKED

OWNER TYPE : Federal

INDIAN LANDS :

Reservation/Trust Lands: NOT MARKED
Owned by Tribe : NOT MARKED N/A
Name of Tribe/Nation : NOT MARKED

FACILITY TYPE(S):

~~NOT MARKED~~ Federal, NON-MILITARY

CONTACT PERSON IN CHARGE OF TANKS:

Name : ~~JACK OLSEN~~ Dewayne E. Nolin Title: ~~PORT ENV. Compliance MGR.~~
Address: ~~NOT MARKED~~ SAME AS "OWNER"
City : ~~NOT MARKED~~ State: NOT MARKED Zip Code: NOT MARKED
Phone : ~~(702) 482-3591~~ AZ 85034

CERTIFICATION:

Name : ~~JOHN R. CARLSON~~ Dewayne E. Nolin
Title: ~~SECTOR MGR. Environmental Compliance Mgr.~~
Date : ~~04-09-86~~

FINANCIAL RESPONSIBILITY:

I have met the financial requirements: ~~NOT MARKED~~ YES
Method(s):
~~NOT MARKED~~ self insured

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature:

Date: 4-19-94

Dewayne E. Nolin
DEWAYNE E. NOLIN
FAA ENVIRONMENTAL
COMPLIANCE MANAGER

Tank Data

FACILITY ID°	7-000035	°	°	°	°	°	°
TANK ID	001	°	°	°	°	°	°
Status of Tank		°	°	°	°	°	°
Currently In Use	X	°	°	°	°	°	°
Temp. Out of Use		°	°	°	°	°	°
Perm. Out of Use		°	°	°	°	°	°
Amendment	X	°	°	°	°	°	°
Date of Installation	04-09-58	°	°	°	°	°	°
Age	35	°	°	°	°	°	°
Est. Total Capacity (Gals)°	515	°	°	°	°	°	°
Material of Construction		°	°	°	°	°	°
Asphalt or Bare Steel	X	°	°	°	°	°	°
Cath. Protected Steel		°	°	°	°	°	°
Epoxy Coated Steel		°	°	°	°	°	°
Composite		°	°	°	°	°	°
Fiberglass Reinf. Plas.°		°	°	°	°	°	°
Lined Interior		°	°	°	°	°	°
Double Walled		°	°	°	°	°	°
Poly. Tank Jacket		°	°	°	°	°	°
Concrete		°	°	°	°	°	°
Excavation Liner		°	°	°	°	°	°
Unknown		°	°	°	°	°	°
Other, explanation		°	°	°	°	°	°
Tank been repaired?		°	°	°	°	°	°
Piping Material		°	°	°	°	°	°
Bare Steel		°	°	°	°	°	°
Galvanized Steel		°	°	°	°	°	°
Fiberglass		°	°	°	°	°	°
Copper		°	°	°	°	°	°
Cathodically Protected		°	°	°	°	°	°
Double Walled		°	°	°	°	°	°
Secondary Containment		°	°	°	°	°	°
Unknown	X	°	°	°	°	°	°
Other, explanation		°	°	°	°	°	°
Piping Type		°	°	°	°	°	°
Suction: No Valve	X	°	°	°	°	°	°
Suction: Valve		°	°	°	°	°	°
Pressure		°	°	°	°	°	°
Gravity Fed		°	°	°	°	°	°
Piping been repaired?		°	°	°	°	°	°
Substance Stored in Tank		°	°	°	°	°	°
Gasoline	X	°	°	°	°	°	°
Diesel		°	°	°	°	°	°
Gasohol		°	°	°	°	°	°
Kerosene		°	°	°	°	°	°
Heating Oil		°	°	°	°	°	°
Used Oil		°	°	°	°	°	°
Other, explanation		°	°	°	°	°	°

Tank Data

FACILITY ID	7-000035						
TANK ID	001						
Substance Stored in Tank							
Hazardous Substance							
CERCLA Name							
CAS Number							
Mixture							
Mixture, Specification							
Tanks Out of Use/Chg. Ser.							
Est. Date Last Used	12-13-89						
Est. Date Tank Closed	12-13-89						
Removed from Ground	X						
Closed in Ground							
Filled with Inert Mat.							
Inert Mat. Description							
Change in Service							
Site Assessment Compl.							
Leak Detected							
Installation							
Certified by Manufac.							
Certified by Imple. Agn							
Inspected by Engineer							
Inspected by Imple. Agn							
Checklists Completed							
Another Allowed Method							
Method Description							
Release Detection		Tank	Piping				
Manual Tank Gauging							
Tank Tightness Testing							
Inventory Controls							
Automatic Tank Gauging							
Vapor Monitoring							
Groundwater Monitoring							
Inter. Mon./Double Wall							
Inter. Mon./Sec. Cont.							
Auto. Line Leak Detect.							
Line Tightness Testing							
Other Method							
Other Description							
Spill and Overfill							
Overfill Device Inst.							
Spill Device Installed							
Installation							
Name							
Position							
Company							
Date							

California Water Resources Control Board Hazardous Substance Storage Statement



Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to "concrete sumps, riveted buried tanks or other underground containers." (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes: gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fungicides. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register

the tank. Wastes are included.
Fee: For each tank registered a \$10 fee must be paid, except that retail gasoline stations pay \$5 per tank.

Penalties: For failure to file, the penalty is \$500-\$5,000 per day. If you falsify information, you can be fined up to \$20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

700035 4/14/85

Name (Corporation, Individual or Public Agency) FAA, AIRWAY FACILITIES SECTOR			
Street Address 5700-C South Hwy Las Vegas, NV 89119	City	State	ZIP

II Facility

Factory Name FSS - TPH		Dealer/Foreman/Supervisor	
Street Address AFSFO		Nearest Cross Street	
City Tonopah	County NYE	State	ZIP 89049
Mailing Address P.O. Box 511		City Tonopah	State NV ZIP 89049
Phone (area code) 702-482-3591	Type of Business <input type="checkbox"/> Motor Vehicle Fuel Station <input checked="" type="checkbox"/> Other: Federal Gov		
Number of Tanks at this Facility 1	Rural Areas Only	Township	Range Section

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code Olsen Jack 702-482-3591	Nights Name (last name first) and Phone w/area code
---	---

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. <input checked="" type="checkbox"/> Tank <input type="checkbox"/> Sump <input type="checkbox"/> Lagoon, Pit or Pond <input type="checkbox"/> Other: _____		Container Number (if there is no number assign one) #1
B. Manufacturer (if appropriate): ?	Year of Mfg.: ?	C. Year Installed: 1958
D. Container Capacity: 515 gallons <input type="checkbox"/> Unknown	E. Container Repairs: <input type="checkbox"/> None <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Yes Year: _____	
F. Is Container currently used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, year of last use: _____ <input type="checkbox"/> Unknown		
G. Does the Container Store (Check One): <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Product		
H. Does the Container Store Motor Vehicle Fuel or Waste Oil? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Check appropriate box(es): <input type="checkbox"/> Unleaded <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Premium <input type="checkbox"/> Diesel <input type="checkbox"/> Waste Oil <input type="checkbox"/> Other (List): _____		

V Container Construction

A. Thickness of Primary Containment: _____ <input type="checkbox"/> Gauge <input type="checkbox"/> Inches <input type="checkbox"/> cm <input checked="" type="checkbox"/> Unknown	
B. <input type="checkbox"/> Vaulted (Located in an underground Vault.) <input checked="" type="checkbox"/> Non-vaulted <input type="checkbox"/> Unknown	
C. <input type="checkbox"/> Double Walled <input checked="" type="checkbox"/> Single Walled <input type="checkbox"/> Lined <input type="checkbox"/> Wrapped <input type="checkbox"/> Unknown <input type="checkbox"/> None	
D. <input checked="" type="checkbox"/> Carbon Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Polyvinyl Chloride <input type="checkbox"/> Concrete <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel Clad <input type="checkbox"/> Bronze <input type="checkbox"/> Composite <input type="checkbox"/> Non-metallic <input type="checkbox"/> Earthen Walls <input type="checkbox"/> Unknown <input type="checkbox"/> Other: _____	
E. <input type="checkbox"/> Rubber Lined <input type="checkbox"/> Alkyd Lining <input type="checkbox"/> Epoxy Lining <input type="checkbox"/> Phenolic Lining <input type="checkbox"/> Glass Lining <input type="checkbox"/> Clay Lining <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other: _____	
F. <input type="checkbox"/> Polyethylene Wrap <input type="checkbox"/> Vinyl Wrapping <input type="checkbox"/> Cathodic Protection <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> None <input type="checkbox"/> Other: _____	

VI Piping

A. Associated Piping: Above ground Underground Vaulted

B. Underground Piping: Gravity Pressure Suction Unknown

C. Piping Repairs: None Unknown Yes, Year of most recent repair: _____

VII Leak Detection

Visual Stock Inventory Tile Drain Vapor Sniff Wells Sensor Instrument

Ground Water Monitoring Wells Pressure Test Internal Inspection None

Other: Fuel level checked monthly

VIII Chemical Composition of Materials Currently or Previously Stored in Underground Containers
 If you checked yes to IV-H you are not required to complete this section.

currently stored	previously stored	CAS # (if known)	Chemical Do Not Use Commercial Name (Use additional paper for more room)
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		

Is Container located on an Agricultural Farm? Yes No

IX IMPORTANT! Read instructions before signing:

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located. 2) a general partner proprietor, or 3) a principal executive officer, serving elected official or authorized representative of a public agency.
 This form has been completed under the penalty of perjury and, to the best of my knowledge, is true and correct.

Signature: John R. Carlson Date: 4/9/86

Printed Name: JOHN R. CARLSON Title: _____ Phone w/area code: _____
 Assistant Sector Manager

Send check to: Hazardous Substance Storage Statement, State Water Resources Control Board, P.O. Box 100, Sacramento, CA 95801-0100

Person Filing Statement: _____ Phone w/area code: _____

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number: _____ Accounting Number: _____ County Number: _____

Date Recd. by: 01 02 03

EPA Form - Facility Data as of 09 JAN 1987

Facility ID Number: 7-000037

Date Received: 04/14/86

Ownership	Location
FAA Airway Facilities Sector 5700-C South Haven Clark Las Vegas, NV 89119	VOR-(TPH) P.O.Box 511 Nye Tonopah, NV 89049

Phone: (702) 388-6534

Type of Owner

Current	: X	State/Local Govt	:	Private/Corp	:
Former	:	Federal Govt	:	Uncertain	:

GSA Number: 32122

No. of Tanks: 1 Facility located on Indian Land? No

Contact Manager: Jack Olsen Title: FOM
Phone: (702) 482-3591

Is this an Amended or Subsequent Form? No

Form Certification
Name: John R. Carlson Title: ~~Asst.~~ Sector Mgr.
Date Signed: 04/09/86

Form Status: PARTIAL

----- ERROR MESSAGES -----

The Owner's Phone is required.

The GSA Number must be entered since the Facility is a Government facility. Enter "Unknown" rather than leave the field blank.

The Type-of-Owner must be one of the following: Current, Former, or Ownership Uncertain.

6/3/88
JRW

Facility ID Number: 7-000037 Tank ID Number: 001

----- ERROR MESSAGES -----

No error messages recorded for this tank.

NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS

FACILITY DATA

FACILITY ID NUMBER: 7-000037

OWNER'S ID : 384

DATE RECEIVED : 04-14-86

NOTIFICATION TYPE : ~~New Facility Closure~~

NUMBER OF TANKS : 1

OWNERSHIP OF TANK(S):

Name : US GOVT - FEDERAL AVIATION ADMINISTRATION
Mailing Address: 3001 S. 35TH ST. , SUITE 6
City : PHOENIX State : AZ Zip Code: 85034
Phone: (602) 379-4215 County: MARICOPA

LOCATION OF TANK(S):

Name : VOR-(TPH)
Street Address: P.O.BOX 511
City : TONOPAH State : NV Zip Code : 89049
County: NYE Latitude: NOT MARKED Longitude: NOT MARKED

OWNER TYPE : Federal

INDIAN LANDS :

Reservation/Trust Lands: NOT MARKED
Owned by Tribe : NOT MARKED N/A
Name of Tribe/Nation : NOT MARKED

FACILITY TYPE(S):

NOT MARKED

CONTACT PERSON IN CHARGE OF TANKS:

Name : ~~JACK OLSEN~~ Dewayne E. Nolin Title: ~~FOR ENV. Compliance Mgr.~~
Address: ~~NOT MARKED~~ SAME AS "OWNER" State: ~~NOT MARKED~~ AZ Zip Code: ~~NOT MARKED~~ 85034
City : ~~NOT MARKED~~ State: AZ Zip Code: 85034
Phone : ~~(702) 482-3591~~

CERTIFICATION:

Name : ~~JOHN R. CARLSON~~ Dewayne E. Nolin
Title: ~~SECTOR MGR.~~ ENV. Comp. mgr.
Date : ~~04-09-86~~ 4-12-94

FINANCIAL RESPONSIBILITY:

I have met the financial requirements: ~~NOT MARKED~~ yes
Method(s):
~~NOT MARKED~~ Self insured

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature:

Dewayne E. Nolin

Date:

4-12-94

DEWAYNE E. NOLIN
FAA ENVIRONMENTAL
COMPLIANCE MANAGER

Tank Data

FACILITY ID	7-000037						
TANK ID	001						
Status of Tank							
Currently In Use	X						
Temp. Out of Use							
Perm. Out of Use							
Amendment							
Date of Installation	04-10-59						
Age	34						
Est. Total Capacity (Gals)	515						
Material of Construction							
Asphalt or Bare Steel	X						
Cath. Protected Steel							
Epoxy Coated Steel							
Composite							
Fiberglass Reinf. Plas.							
Lined Interior							
Double Walled							
Poly. Tank Jacket							
Concrete							
Excavation Liner							
Unknown							
Other, explanation							
Tank been repaired?							
Piping Material							
Bare Steel							
Galvanized Steel							
Fiberglass							
Copper							
Cathodically Protected							
Double Walled							
Secondary Containment							
Unknown	X						
Other, explanation							
Piping Type							
Suction: No Valve	X						
Suction: Valve							
Pressure							
Gravity Fed							
Piping been repaired?							
Substance Stored in Tank							
Gasoline	X						
Diesel							
Gasohol							
Kerosene							
Heating Oil							
Used Oil							
Other, explanation							

Tank Data

FACILITY ID	7-000037						
TANK ID	001						
Substance Stored in Tank							
Hazardous Substance							
CERCLA Name							
CAS Number							
Mixture							
Mixture, Specification							
Tanks Out of Use/Chg. Ser.							
Est. Date Last Used	12-13-89						
Est. Date Tank Closed	12-13-89						
Removed from Ground	X						
Closed in Ground							
Filled with Inert Mat.							
Inert Mat. Description							
Change in Service							
Site Assessment Compl.							
Leak Detected							
Installation							
Certified by Manufac.							
Certified by Imple. Agn							
Inspected by Engineer							
Inspected by Imple. Agn							
Checklists Completed							
Another Allowed Method							
Method Description							
Release Detection							
Manual Tank Gauging		Tank	Piping				
Tank Tightness Testing							
Inventory Controls							
Automatic Tank Gauging							
Vapor Monitoring							
Groundwater Monitoring							
Inter. Mon./Double Wall							
Inter. Mon./Sec. Cont.							
Auto. Line Leak Detect.							
Line Tightness Testing							
Other Method							
Other Description							
Spill and Overfill							
Overfill Device Inst.							
Spill Device Installed							
Installation							
Name							
Position							
Company							
Date							

California Water Resources Control Board
Hazardous Substance Storage Statement



Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to "concrete sumps, nonvaulted buried tanks or other underground containers." (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes: gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register

the tank. Wastes are included.

Fee: For each tank registered a \$10 fee must be paid, except that retail gasoline stations pay \$5 per tank.

Penalties: For failure to file, the penalty is \$500-\$5,000 per day. If you falsify information, you can be fined up to \$20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

7000037 4/14/84

Name (Corporation, Individual or Public Agency) FAA, AIRWAY FACILITIES SECTOR			
Street Address 5700-C South Haven Las Vegas, NV 89	City	State	ZIP

II Facility

Facility Name VOR (TPH)		Dealer/Foreman/Supervisor	
Street Address A F S E D		Nearest Cross Street	
City Tonopah	County NYE	ZIP 89049	
Mailing Address PO BOX 511		City TONOPAH	State ZIP NV 89049
Phone (area code) 702 482 3591	Type of Business <input type="checkbox"/> Motor Vehicle Fuel Station <input checked="" type="checkbox"/> Other: Federal TDV		
Number of Tanks at this Facility 1	Rural Areas Only	Township	Range Section

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code Obser Jack 702 482-3591	Nights Name (last name first) and Phone w/area code
---	---

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. <input checked="" type="checkbox"/> Tank <input type="checkbox"/> Sump <input type="checkbox"/> Lagoon, Pit or Pond <input type="checkbox"/> Other		Container Number (if there is no number, assign one) #1
B. Manufacturer (if appropriate): ?	Year of Mfg.: ?	C. Year Installed: 1959
D. Container Capacity: 575 gallons <input type="checkbox"/> Unknown	E. Container Repairs: <input type="checkbox"/> None <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Yes Year: _____	
F. Is Container currently used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, year of last use: _____ <input type="checkbox"/> Unknown		
G. Does the Container Store (Check One): <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Product		
H. Does the Container Store Motor Vehicle Fuel or Waste Oil? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Check appropriate box(es): <input type="checkbox"/> Unleaded <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Premium <input type="checkbox"/> Diesel <input type="checkbox"/> Waste Oil <input type="checkbox"/> Other (List): _____		

V Container Construction

A. Thickness of Primary Containment: _____ <input type="checkbox"/> Gauge <input type="checkbox"/> Inches <input type="checkbox"/> cm <input checked="" type="checkbox"/> Unknown
B. <input type="checkbox"/> Vaulted (Located in an underground Vault.) <input checked="" type="checkbox"/> Non-vaulted <input type="checkbox"/> Unknown
C. <input type="checkbox"/> Double Walled <input checked="" type="checkbox"/> Single Walled <input type="checkbox"/> Lined <input type="checkbox"/> Wrapped <input type="checkbox"/> Unknown <input type="checkbox"/> None

Appendix C

Local Records Documentation



Tonopah FBO Building

Tonopah FBO Building

Tonopah, NV 89049

Inquiry Number: 3840836.3

January 28, 2014

Certified Sanborn® Map Report

Certified Sanborn® Map Report

1/28/14

Site Name:

Tonopah FBO Building
Tonopah FBO Building
Tonopah, NV 89049

Client Name:

BEC Environmental, Inc.
7660 West Sahara Ave
Las Vegas, NV 89117

EDR Inquiry # 3840836.3

Contact: John Yvon



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by BEC Environmental, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Tonopah FBO Building
Address: Tonopah FBO Building
City, State, Zip: Tonopah, NV 89049
Cross Street:
P.O. # NA
Project: T2N Tonopah Airport FBO Bldg.
Certification # FC08-4D55-A45B



Sanborn® Library search results
Certification # FC08-4D55-A45B

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Tonopah FBO Building

Tonopah FBO Building
Tonopah, NV 89049

Inquiry Number: 3840836.5
January 29, 2014

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services

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FINDINGS

TARGET PROPERTY STREET

Tonopah FBO Building
Tonopah, NV 89049

No Addresses Found

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

AIRPORT RD

2013	pg. A1	Cole Information Services
2008	pg. A2	Cole Information Services
2003	pg. A4	Cole Information Services
1999	pg. A5	Cole Information Services

E HIGHWAY 6

2013	-	Cole Information Services	Target and Adjoining not listed in Source
2008	-	Cole Information Services	Target and Adjoining not listed in Source
2003	-	Cole Information Services	Target and Adjoining not listed in Source
1999	pg. A6	Cole Information Services	

HIGHWAY 6

2013	-	Cole Information Services	Target and Adjoining not listed in Source
2008	pg. A3	Cole Information Services	
2003	-	Cole Information Services	Target and Adjoining not listed in Source
1999	-	Cole Information Services	Target and Adjoining not listed in Source

City Directory Images

AIRPORT RD 2013

201 MICHAEL BIRD

Target Street

Cross Street

Source

-

✓

Cole Information Services

AIRPORT RD 2008

201 MICHAEL BIRD

Target Street

Cross Street

Source

-

✓

Cole Information Services

HIGHWAY 6 2008

0 DAN DAVIS

Target Street

Cross Street

Source

-

✓

Cole Information Services

AIRPORT RD 2003

201 MICHAEL BIRD

AIRPORT RD 1999

201 MICHAEL BIRD

Target Street

Cross Street

Source

-

✓

Cole Information Services

E HIGHWAY 6 1999

440 CRUSHER RENTAL SALES & SERVICE
1200 BOBBIES BUCKEYE BAR

Appendix D

Physical Setting Documentation

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TONOPAH FBO BUILDING
TONOPAH FBO BUILDING
TONOPAH, NV 89049

TARGET PROPERTY COORDINATES

Latitude (North):	38.0636 - 38° 3' 48.96"
Longitude (West):	117.0966 - 117° 5' 47.76"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	491525.9
UTM Y (Meters):	4212670.0
Elevation:	5422 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38117-A1 EAST OF TONOPAH, NV
Most Recent Revision:	1987

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

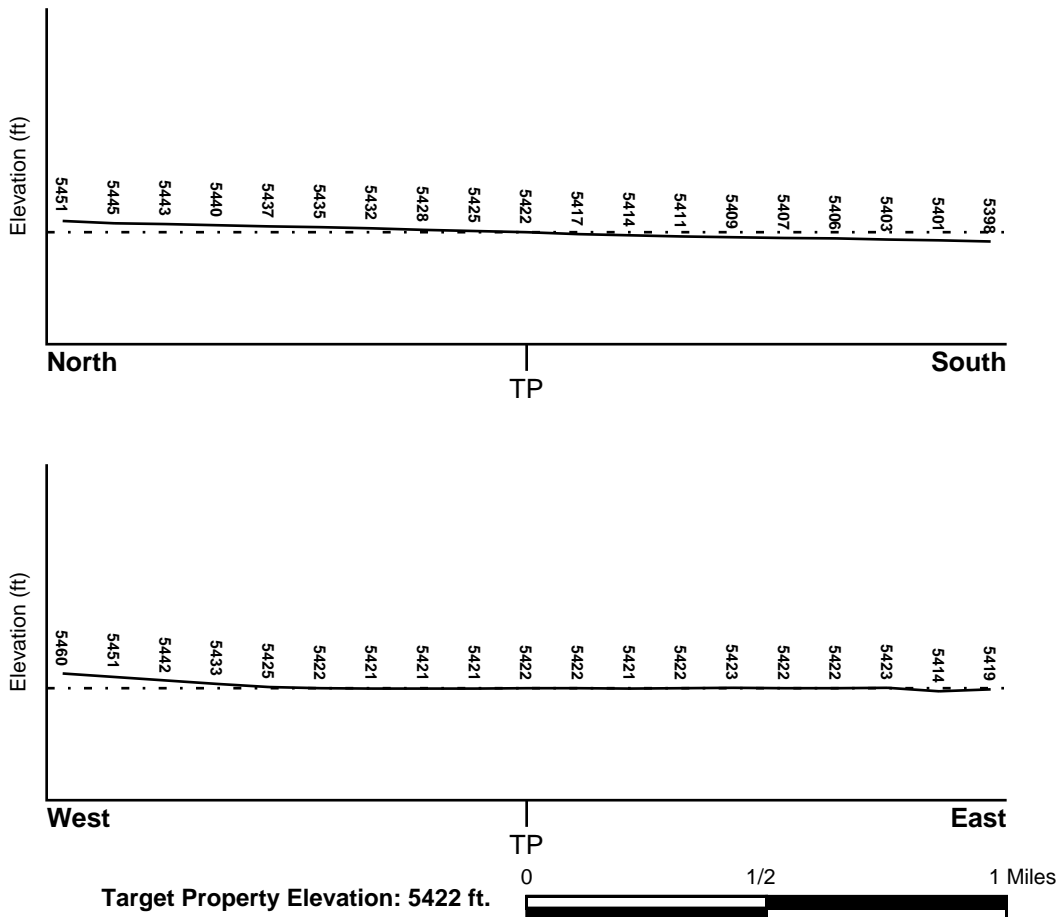
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> NYE, NV	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	32023C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> EAST OF TONOPAH	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

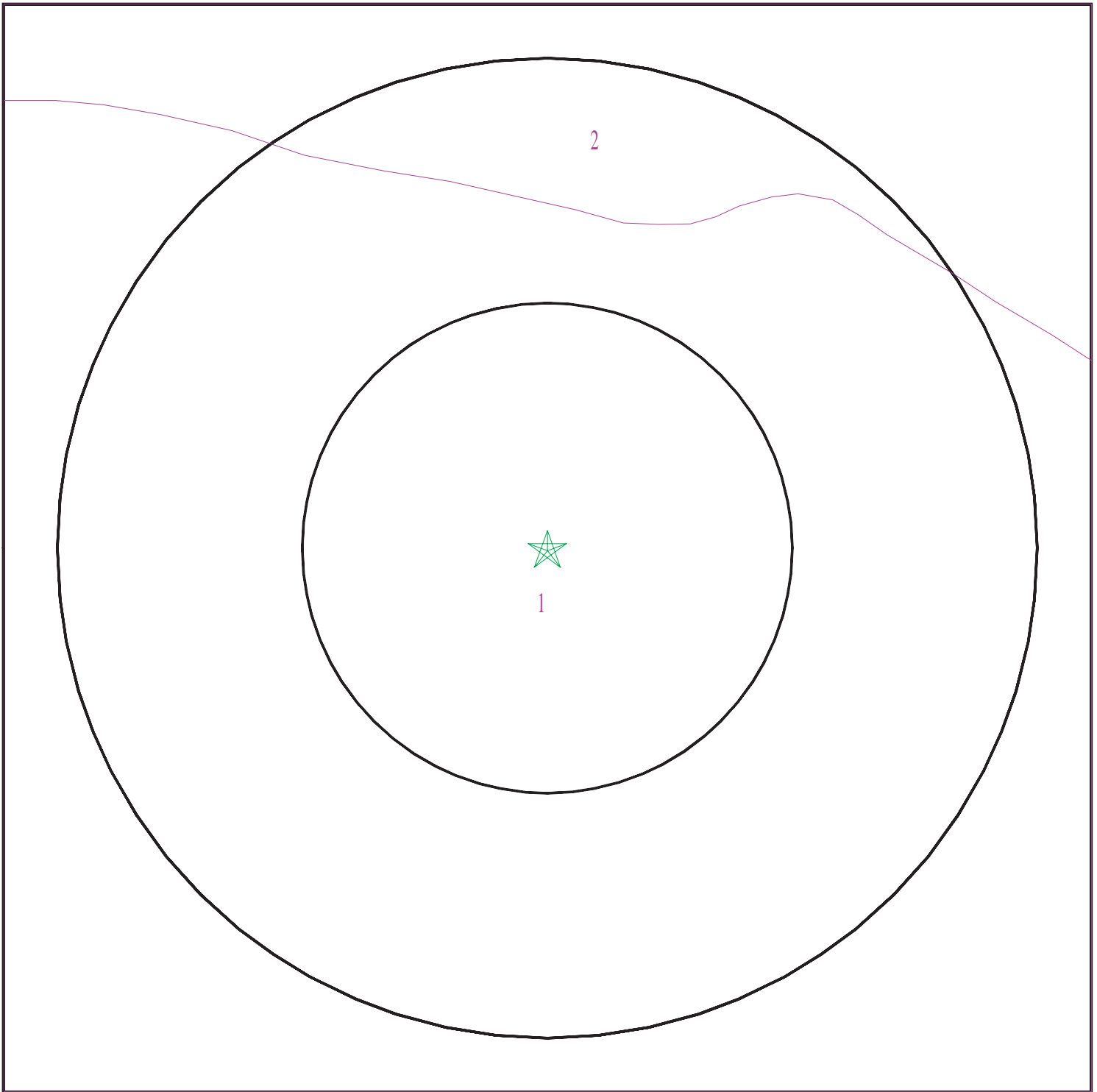
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

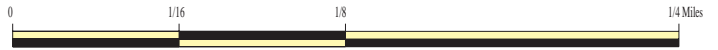
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3840836.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Tonopah FBO Building
ADDRESS: Tonopah FBO Building
Tonopah NV 89049
LAT/LONG: 38.0636 / 117.0966

CLIENT: BEC Environmental, Inc.
CONTACT: John Yvon
INQUIRY #: 3840836.2s
DATE: January 28, 2014 11:00 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Unsel

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 9 Min: 7.9
2	3 inches	14 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 9 Min: 7.4
3	14 inches	27 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 9 Min: 8.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	27 inches	59 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 8.5

Soil Map ID: 2

Soil Component Name: Yomba

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	3 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 9 Min: 7.9
3	16 inches	22 inches	very gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 9 Min: 7.9
4	22 inches	59 inches	extremely gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000759502	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

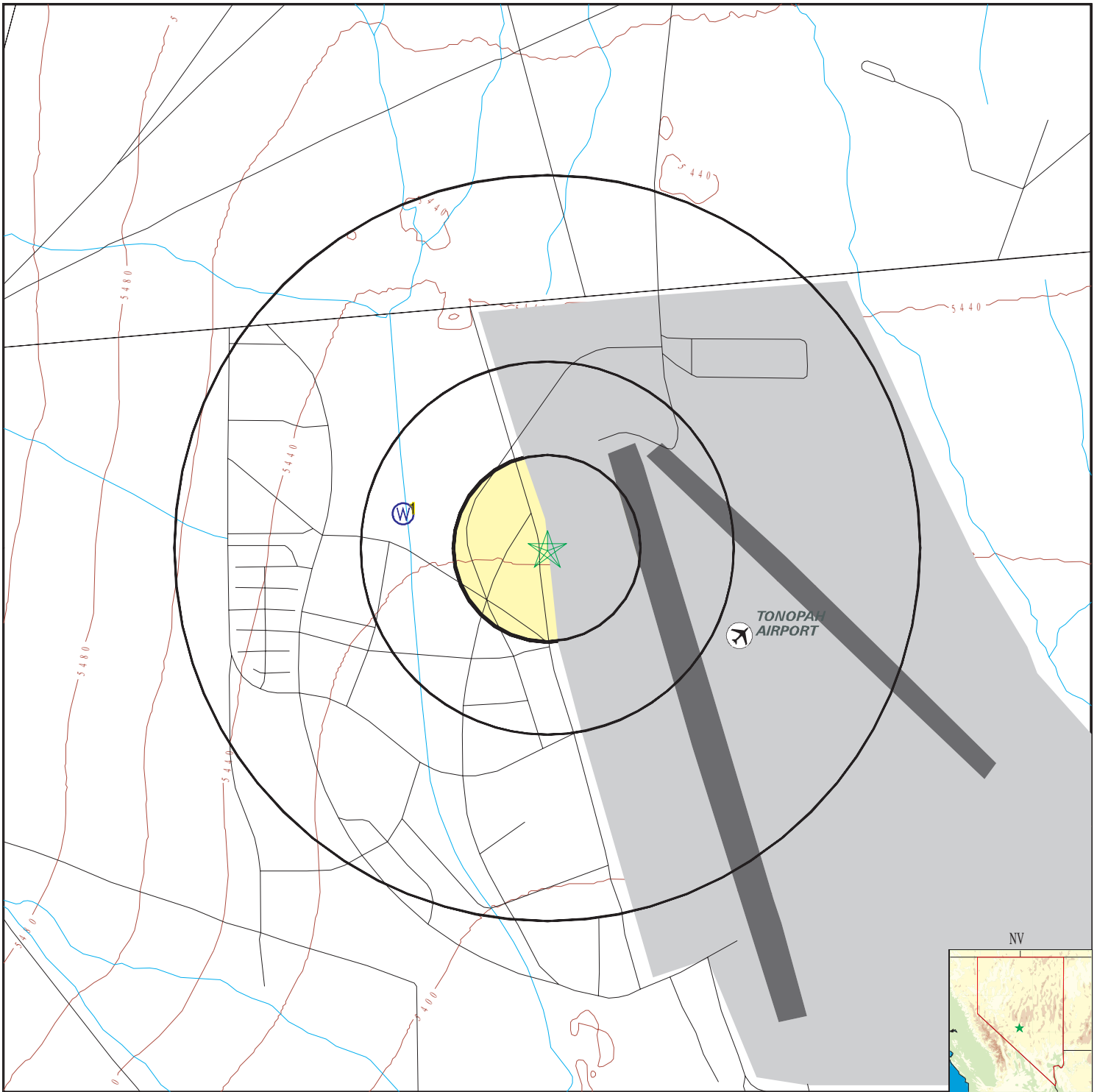
MAP ID	WELL ID	LOCATION FROM TP
<u> </u>	<u> </u>	<u> </u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

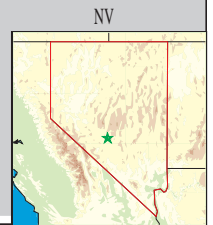
MAP ID	WELL ID	LOCATION FROM TP
<u> </u>	<u> </u>	<u> </u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3840836.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: Tonopah FBO Building
 ADDRESS: Tonopah FBO Building
 Tonopah NV 89049
 LAT/LONG: 38.0636 / 117.0966

CLIENT: BEC Environmental, Inc.
 CONTACT: John Yvon
 INQUIRY #: 3840836.2s
 DATE: January 28, 2014 11:00 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1		
WNW	FED USGS	USGS40000759502
1/4 - 1/2 Mile		
Higher		

Org. Identifier:	USGS-NV		
Formal name:	USGS Nevada Water Science Center		
Monloc Identifier:	USGS-380354117061001		
Monloc name:	141 N02 E43 01ACB 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	16060011	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.064934
Longitude:	-117.1036884	Sourcemap scale:	24000
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Alluvial Fan Deposits		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NV Radon

Radon Test Results

# Tests	# < 4 pCi/L	# > 4 pCi/L	% > 4 pCi/L	Average	Max
17	13	4	23.53	2.32	6.8

Federal EPA Radon Zone for NYE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 89049

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.403 pCi/L	94%	6%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.850 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Nevada Well Log Database

Source: Dept of Conservation and Natural Resources, Division of Water Resources

Telephone: 775-687-4380

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Nevada Bureau of Mines and Geology

Telephone: 775-784-6691

Oil and gas well location in the state of Nevada.

RADON

State Database: NV Radon

Source: State Health Division

Telephone: 775-687-7531

Radon Test Results By Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix E

Historical Topography & Aerial Photographs



Tonopah FBO Building

Tonopah FBO Building

Tonopah, NV 89049

Inquiry Number: 3840836.8

January 28, 2014

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

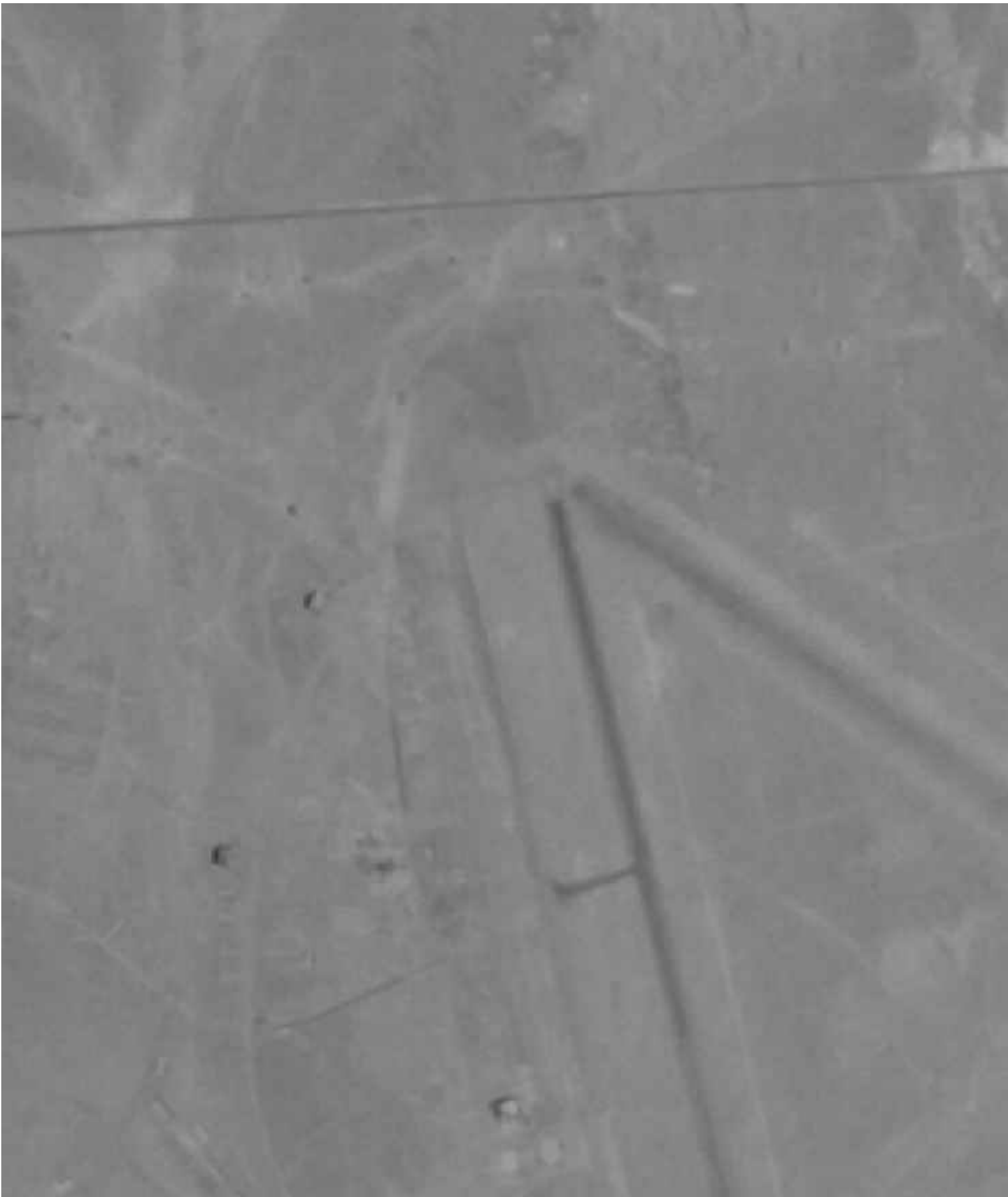
Aerial Photography January 28, 2014

Target Property:

Tonopah FBO Building

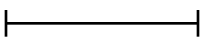
Tonopah, NV 89049

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1974	Aerial Photograph. Scale: 1"=1000'	Panel #: 38117-A1, East of Tonopah, NV;/Flight Date: July 07, 1974	EDR
1976	Aerial Photograph. Scale: 1"=1000'	Panel #: 38117-A1, East of Tonopah, NV;/Flight Date: June 05, 1976	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Panel #: 38117-A1, East of Tonopah, NV;/Flight Date: June 12, 1981	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 38117-A1, East of Tonopah, NV;/Flight Date: September 22, 1984	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 38117-A1, East of Tonopah, NV;/Flight Date: May 30, 1994	EDR
1999	Aerial Photograph. Scale: 1"=500'	Panel #: 38117-A1, East of Tonopah, NV;/DOQQ - acquisition dates: September 05, 1999	EDR
2010	Aerial Photograph. Scale: 1"=500'	Panel #: 38117-A1, East of Tonopah, NV;/Flight Year: 2010	EDR



INQUIRY #: 3840836.8

YEAR: 1974

 = 1000'



 Environmental Data Resources Inc.



INQUIRY #: 3840836.8

YEAR: 1976

— = 1000'





INQUIRY #: 3840836.8

YEAR: 1981

—| = 1000'





INQUIRY #: 3840836.8

YEAR: 1984

| = 500'





INQUIRY #: 3840836.8

YEAR: 1994

— = 750'





INQUIRY #: 3840836.8

YEAR: 1999

| = 500'





INQUIRY #: 3840836.8

YEAR: 2010

— = 500'



EDR Environmental Data Resources Inc.



Tonopah FBO Building

Tonopah FBO Building

Tonopah, NV 89049

Inquiry Number: 3840836.4

January 28, 2014

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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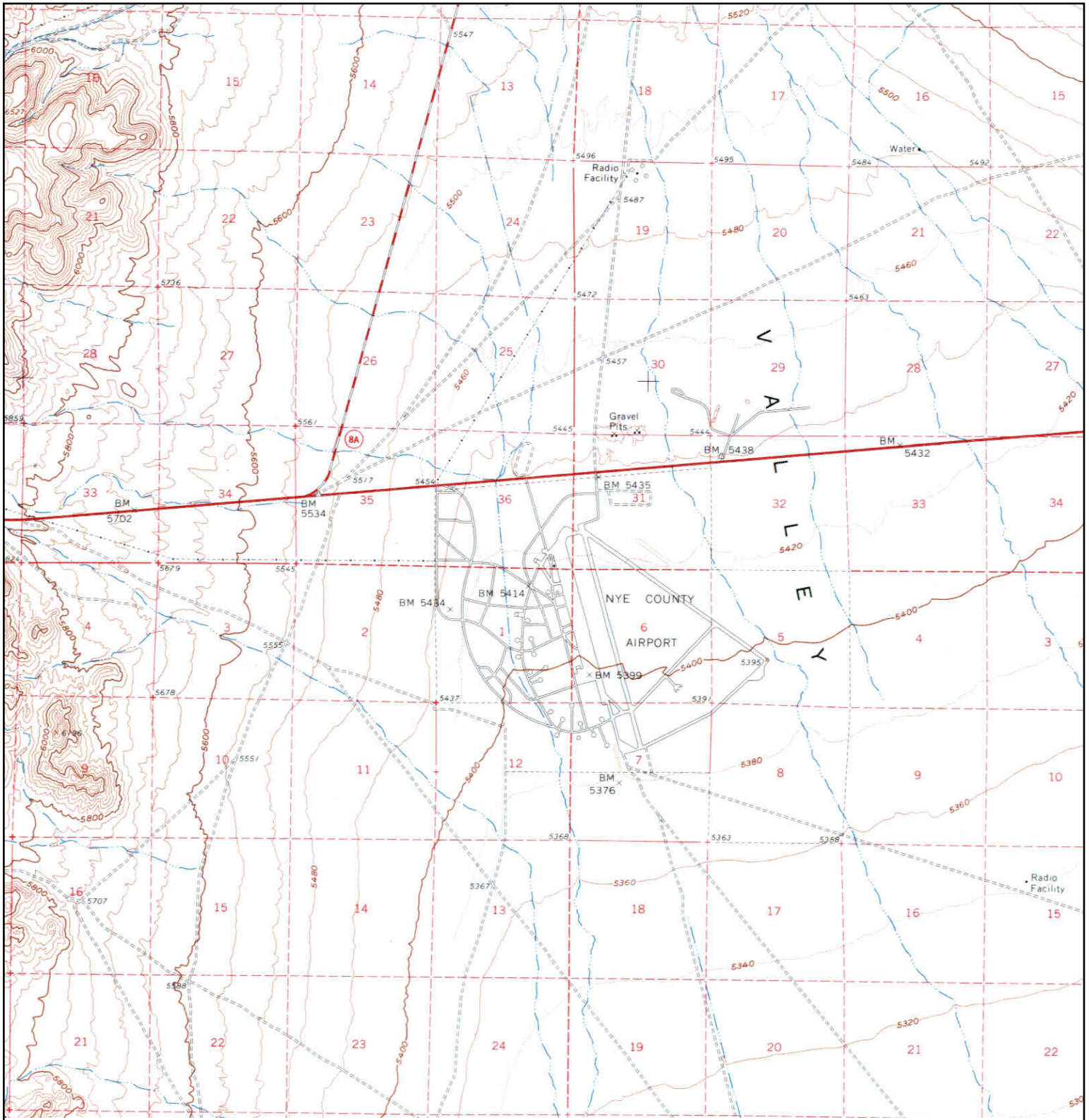
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Historical Topographic Map



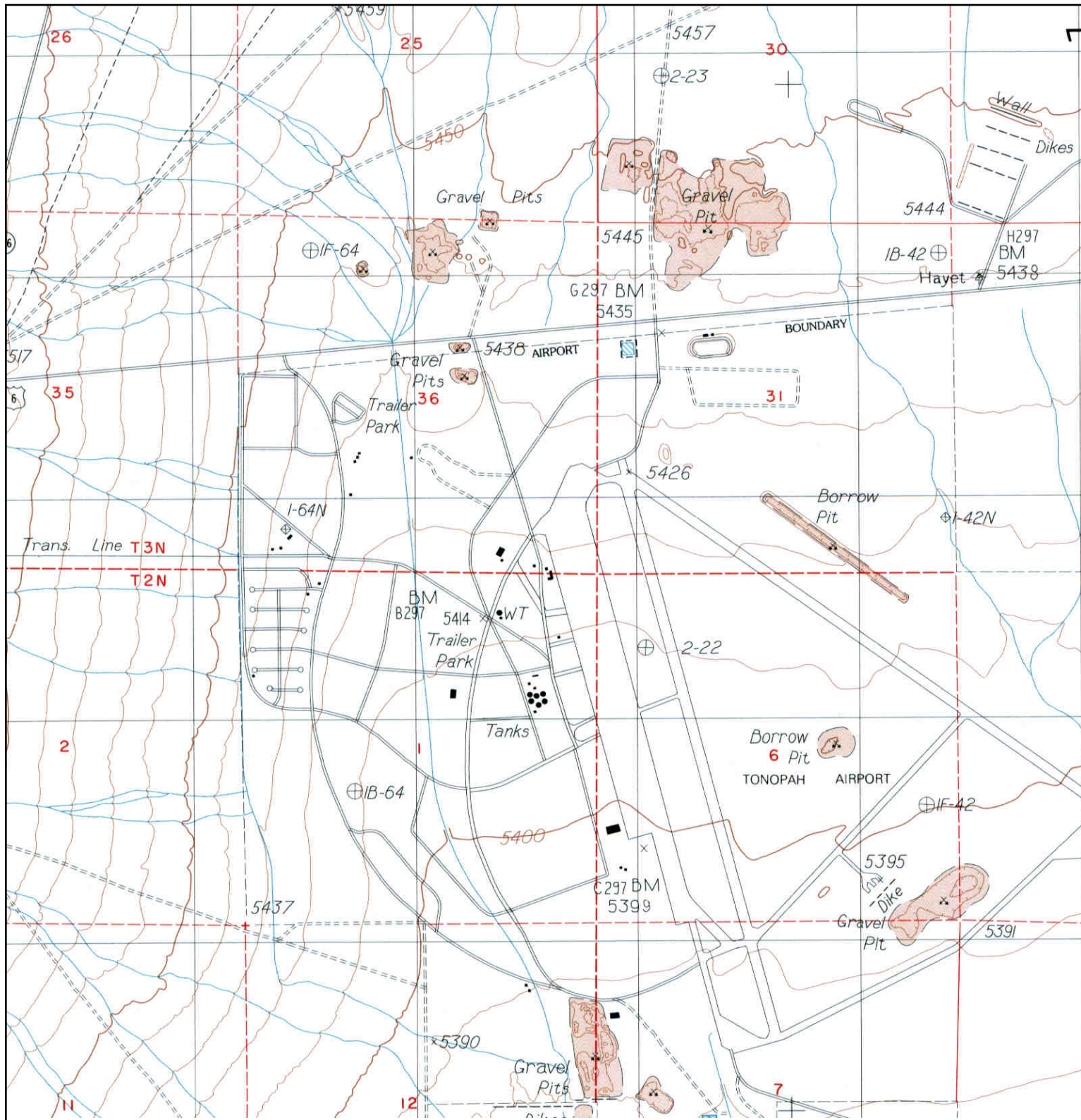
	TARGET QUAD NAME: TONOPAH MAP YEAR: 1907	SITE NAME: Tonopah FBO Building ADDRESS: Tonopah FBO Building Tonopah, NV 89049 LAT/LONG: 38.0636 / -117.0966	CLIENT: BEC Environmental, Inc. CONTACT: John Yvon INQUIRY#: 3840836.4 RESEARCH DATE: 01/28/2014
	SERIES: 60 SCALE: 1:250000		


Historical Topographic Map



	TARGET QUAD	SITE NAME: Tonopah FBO Building	CLIENT: BEC Environmental, Inc.
	NAME: TONOPAH	ADDRESS: Tonopah FBO Building	CONTACT: John Yvon
	MAP YEAR: 1961	LAT/LONG: 38.0636 / -117.0966	INQUIRY#: 3840836.4
	SERIES: 15		RESEARCH DATE: 01/28/2014
	SCALE: 1:62500		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Tonopah FBO Building	CLIENT: BEC Environmental, Inc.
	NAME: EAST OF TONOPAH	ADDRESS: Tonopah FBO Building	CONTACT: John Yvon
	MAP YEAR: 1987	Tonopah, NV 89049	INQUIRY#: 3840836.4
	PROVISIONAL	LAT/LONG: 38.0636 / -117.0966	RESEARCH DATE: 01/28/2014
	SERIES: 7.5		
	SCALE: 1:24000		

Appendix F
Site Photographs



Photograph 1: Exterior of active FBO building and adjacent residential unit (looking southwest).



Photograph 2: Exterior of active FBO building and 1970s expansion (looking southwest).



Photograph 3: Exterior of closed FBO building (looking west).



Photograph 4: FAA structures and County storage unit adjacent to closed FBO building (looking northwest)



Photograph 5: Exterior of active FBO building and 1976 expansion, and view of fuel tank (looking north).



Photograph 6: Roof condition FBO building (looking west).



Photograph 7: Exterior of FBO building documenting representative section of concrete / wood-panel wall extremely weathered condition. (looking west).



Photograph 8: Inactive propane tank at southeast corner of site (looking west).



Photograph 9: Pole mounted transformer on the northwest corner of site (looking east).



Photograph 10: Fuel fed furnace housed within active FBO building.



Photograph 11: Subsurface conditions under furnace.



Photograph 12: Representative section of vinyl floor tiling and mastic in FBO building.

Appendix G

Interview Documentation

OWNER PHASE I QUESTIONNAIRE

Note: In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹⁸⁷ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),¹⁸⁸ the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

Site Name: Tonopah FBO building

Address: 1 Airport Road, Tonopah, NV 89049

Interviewee: Jack Osbarn (owner representative)

How long have you been associated/operated the facility listed above: _____

Describe the type of business at the property listed above: Fixed base Operator building

NOTE: Please use a separate sheet of paper to explain yes answers, or when necessary.

1. Environmental liens that are filed or recorded against the property (40 CFR 312.25).

ASTM requires the user perform a search of recorded land title records (*or judicial records where appropriate) to identify any environmental liens filed or recorded against the property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy.

Have you checked for these environmental cleanup liens? Yes No

Are you aware of any such liens against the subject property? Yes No

2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)).

ASTM requires the user perform a search of recorded land title records (*or judicial records where appropriate) to identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law.

Are you aware of any possible AULs involving the subject site? Yes No

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge or experience related to the property or nearby properties? Yes No

Are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes No

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

A purchase price significantly below Fair Market Value (FMV) may indicate an environmental problem. Please note that these question does not require an appraisal of the property. If the price is significantly below FMV, the user should consider whether it might be because contamination may be present at the property.

*In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Yes No

N/A

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes No

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

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

Always FBO

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

No idea

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

They are hooked up to community waste water system. No septic. May be a tank??

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

No

6. **The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property? Yes No

Printed Name: _____

Your Signature

Date

of separate sheets attached: 1
Explain Yes answers on a separate sheet.

This interview was conducted by phone at 9:40 AM on January 30, 2014.

*In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Questionnaire: Owner Phase I Questionnaire

Interviewee: Jack Osburn Project: Tonopah FBO Building Phase I

Notes: _____

Building is behind a chain-linked fence.

Believes FBO building is heated using propane.

South portion of FBO building is closed but shares a common wall with the active portion of the Active FBO building.

A storage building adjoining the South portion of the closed FBO building segment, is also closed. ~~that~~ Does not know what was stored. Scorpions may be present.

Fuel tanks may be located north of the site.

Only known AULs are those associated with the adjoining airport to the east (FAA AULs)

SITE MANAGER PHASE I QUESTIONNAIRE

Note: In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹⁸⁷ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),¹⁸⁸ the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

Site Name: Tonopah FBO Building

Address: 1 Airport Road, Tonopah, NV 89049

Interviewee: Mark Peterson

How long have you been associated/operated the facility listed above: 38 years

Describe the type of business at the property listed above: FBO business

NOTE: Please use a separate sheet of paper to explain yes answers, or when necessary.

1. Environmental liens that are filed or recorded against the property (40 CFR 312.25).

ASTM requires the user perform a search of recorded land title records (*or judicial records where appropriate) to identify any environmental liens filed or recorded against the property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy.

Have you checked for these environmental cleanup liens? Yes No

Are you aware of any such liens against the subject property? Yes No

2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi).

ASTM requires the user perform a search of recorded land title records (*or judicial records where appropriate) to identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law.

Are you aware of any possible AULs involving the subject site? Yes No

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge or experience related to the property or nearby properties? Yes No

Are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes No

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

A purchase price significantly below Fair Market Value (FMV) may indicate an environmental problem. Please note that these question does not require an appraisal of the property. If the price is significantly below FMV, the user should consider whether it might be because contamination may be present at the property.

*In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

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

Yes No

N/A

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

Yes No

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

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

Aviation based

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

See Question 3

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

No

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

No


6. **The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Yes No

Printed Name: Mark Peterson


Your Signature

30 Jan 14
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

*In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Questionnaire: Site Manager Phase 1 Questionnaire

Interviewee: Mark Peterson Project: Tonopah FBO building

Notes: Renovations were done to bathroom. Some
Renovations to wall in Main FBO building (interior).

Any AULs are related to FAA.

Northeast of site are Airport fuel tanks.

Behind FBO building is a fuel tank that
supplies fuel to the furnace that heats the
FBO building.

Peterson suspects asbestos is present in Floor ~~type~~
tiles.

USER PHASE I QUESTIONNAIRE

Note: In order to qualify for one of the *Landowner Liability Protections (LLPs)* 187 offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), 188 the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

Site Name: Tonopah FBO Building
Address: 101 Radar Road Tonopah, NV 89049 (interview location)
Interviewee: Joni Eastley
How long have you been associated/operated the facility listed above: 2000
Describe the type of business at the property listed above: GA Airport / FBO Building

NOTE: Please use a separate sheet of paper to explain yes answers, or when necessary.

1. Environmental liens that are filed or recorded against the property (40 CFR 312.25).

ASTM requires the user perform a search of recorded land title records (*or judicial records where appropriate) to identify any environmental liens filed or recorded against the property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy.

Have you checked for these environmental cleanup liens? Yes No

Are you aware of any such liens against the subject property? Yes No

2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi).

ASTM requires the user perform a search of recorded land title records (*or judicial records where appropriate) to identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law.

Are you aware of any possible AULs involving the subject site? Yes No FEAR

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge or experience related to the property or nearby properties? Yes No

Are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes No

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

A purchase price significantly below Fair Market Value (FMV) may indicate an environmental problem. Please note that these question does not require an appraisal of the property. If the price is significantly below FMV, the user should consider whether it might be because contamination may be present at the property.

*In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Yes No

N/A

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes No

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

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

Always Aviation Uses & Because of Prox. to airfield
always aviation

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

No

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

No

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

No

6. **The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property? Yes No

Printed Name: Joni Eastley

Joni Eastley
Your Signature

1-30-14
Date

of separate sheets attached: 1
Explain Yes answers on a separate sheet.

*In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Questionnaire: User Phase I

Interviewee: Joni Eastley Project: FBO Phase I

Notes: FAA Hight ~~to~~ Restrictions, Safety & Security
Restriction, Building Res.

How is it heated.

Given

Renovations were done to building bathrooms
several years back.

Always owned by Nye.

Speak w/ Alan Fletcher (775) 482-9676
Central Nevada Museum.

SAFETY DATA SHEET

Aviation Turbine Fuel



Section 1. Identification

GHS product identifier : Aviation Turbine Fuel
Chemical name : Kerosine
Other means of identification : Jet A, Avjet, Jet A-1, Jet Fuel

Relevant identified uses of the substance or mixture and uses advised against

Commercial airline fuel.

Supplier's details : Western Refining Company LP
123 W. Mills Avenue
El Paso, TX 79901
Tel: 915-534-1488

Emergency telephone number (with hours of operation) : CHEMTREC, U.S. : 1-800-424-9300 International: +1-703-527-3877 (24/7)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 3
CARCINOGENICITY - Category 2
ASPIRATION HAZARD - Category 1
AQUATIC TOXICITY (ACUTE) - Category 3
AQUATIC TOXICITY (CHRONIC) - Category 3

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Flammable liquid and vapor.
Suspected of causing cancer.
May be fatal if swallowed and enters airways.
Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid release to the environment.

Section 2. Hazards identification

Response	: IF exposed or concerned: Get medical attention. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Chemical name	: Kerosine
Other means of identification	: Jet A, Avjet, Jet A-1, Jet Fuel

CAS number/other identifiers

CAS number	: Not applicable.
Product code	: Not available.

Ingredient name	%	CAS number
Kerosene	0 - 100	8008-20-6
Kerosine (petroleum), hydrodesulfurized	0 - 100	64742-81-0
Naphthalene	0 - 0.5	91-20-3
Ethylbenzene	0 - 0.5	100-41-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Get medical attention.
Ingestion	: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
--------------------	---

Section 4. First aid measures

- Inhalation** : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

- Eye contact** : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : Adverse symptoms may include the following:
nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments : No specific treatment.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
Unsuitable extinguishing media : Do not use water jet or water-based fire extinguishers.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products : No specific data.

- Special protective actions for fire-fighters** : Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Section 6. Accidental release measures

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

Spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not swallow. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
Kerosene	NIOSH REL (United States, 6/2009). TWA: 100 mg/m ³ 10 hours.
Kerosine (petroleum), hydrodesulfurized	ACGIH TLV (United States, 3/2012). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.
Naphthalene	ACGIH TLV (United States, 1/2011). Absorbed through skin. TWA: 200 mg/m ³ 8 hours.
	ACGIH TLV (United States, 3/2012). Absorbed through skin. STEL: 79 mg/m ³ 15 minutes.
	STEL: 15 ppm 15 minutes. TWA: 52 mg/m ³ 8 hours.
	TWA: 10 ppm 8 hours. NIOSH REL (United States, 6/2009).
	STEL: 75 mg/m ³ 15 minutes. STEL: 15 ppm 15 minutes.
	TWA: 50 mg/m ³ 10 hours. TWA: 10 ppm 10 hours.
	OSHA PEL (United States, 6/2010). TWA: 50 mg/m ³ 8 hours.
	TWA: 10 ppm 8 hours.
Ethylbenzene	ACGIH TLV (United States, 3/2012). TWA: 20 ppm 8 hours.
	NIOSH REL (United States, 6/2009). STEL: 545 mg/m ³ 15 minutes.
	STEL: 125 ppm 15 minutes. TWA: 435 mg/m ³ 10 hours.
	TWA: 100 ppm 10 hours. OSHA PEL (United States, 6/2010).
	TWA: 435 mg/m ³ 8 hours. TWA: 100 ppm 8 hours.

Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyeface protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Colorless to yellow.
- Odor** : Petroleum.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : -40°C (-40°F)
- Boiling point** : 160 to 300°C (320 to 572°F)
- Flash point** : Closed cup: 37.778°C (100°F) [Pensky-Martens.]
- Burning time** : Not applicable.
- Burning rate** : Not applicable.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Lower: 0.7%
Upper: 5%
- Vapor pressure** : 1 kPa (7.5006 mm Hg) [room temperature]
- Vapor density** : 5.7 [Air = 1]
- Relative density** : 0.75 to 0.84
- Solubility** : Insoluble in the following materials: cold water and hot water.
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- SADT** : Not available.
- Viscosity** : Kinematic (room temperature): 0.08 cm²/s (8 cSt)

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

Section 10. Stability and reactivity

- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
- Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Kerosene	LD50 Oral	Rat	15 g/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Kerosine (petroleum), hydrodesulfurized	LD50 Dermal	Rabbit	>20 g/kg	-
	LD50 Oral	Rat	490 mg/kg	-
Naphthalene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Kerosene	Skin - Severe irritant	Rabbit	-	500 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 100%	-
	Skin - Moderate irritant	Rabbit	-	0.5 mL	-
Kerosine (petroleum), hydrodesulfurized	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	495 mg	-
Naphthalene	Skin - Severe irritant	Rabbit	-	24 hours 0.05 mL	-
	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 15 mg	-

Sensitization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	ACGIH	NTP
Naphthalene	-	2B	A4	Reasonably anticipated to be a human carcinogen.
Ethylbenzene	-	2B	A3	-

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

Section 11. Toxicological information

Name	Result
Kerosene Kerosine (petroleum), hydrodesulfurized	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : Adverse symptoms may include the following:
nausea or vomiting

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards.
Potential delayed effects : No known significant effects or critical hazards.

Long term exposure

Potential immediate effects : No known significant effects or critical hazards.
Potential delayed effects : No known significant effects or critical hazards.

Potential chronic health effects

General : No known significant effects or critical hazards.
Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Naphthalene	Acute EC50 1600 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 2350 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
Ethylbenzene	Acute LC50 213 µg/l Fresh water	Fish - Melanotaenia fluviatilis - Larvae	96 hours
	Acute EC50 4600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 3600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 2970 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 5200 µg/l Marine water	Crustaceans - Americamysis bahia	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 1000 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours

Persistence and degradability

There is no data available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Naphthalene	3.3	85.11380382	low
Ethylbenzene	3.1	-	low

Mobility in soil




Soil/water partition coefficient (K_{oc}) : There is no data available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	IMDG	IATA
UN number	UN1863	UN1863	UN1863
UN proper shipping name	FUEL, AVIATION, TURBINE ENGINE	FUEL, AVIATION, TURBINE ENGINE	FUEL, AVIATION, TURBINE ENGINE
Transport hazard class(es)	3 	3 	3 
Packing group	III	III	III
Environmental hazards	No.	No.	No.
Additional information	-	<u>Emergency schedules (EmS)</u> F-E, S-E	-

AERG : 128

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) PAIR: Naphthalene
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined
 United States inventory (TSCA 8b): All components are listed or exempted.
 Clean Water Act (CWA) 307: Naphthalene; Ethylbenzene
 Clean Water Act (CWA) 311: Naphthalene; Ethylbenzene

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Section 15. Regulatory information

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Fire hazard
Delayed (chronic) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Kerosene	0 - 100	Yes.	No.	No.	No.	No.
Kerosine (petroleum), hydrodesulfurized	0 - 100	Yes.	No.	No.	No.	No.
Naphthalene	0 - 0.5	No.	No.	No.	Yes.	Yes.
Ethylbenzene	0 - 0.5	Yes.	No.	No.	Yes.	Yes.

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Naphthalene	91-20-3	0 - 0.5
	Ethylbenzene	100-41-4	0 - 0.5
Supplier notification	Naphthalene	91-20-3	0 - 0.5
	Ethylbenzene	100-41-4	0 - 0.5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: Kerosene
New York : The following components are listed: Naphthalene; Ethylbenzene
New Jersey : The following components are listed: Kerosene; Naphthalene; Ethylbenzene
Pennsylvania : The following components are listed: Kerosene; Naphthalene; Ethylbenzene

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Naphthalene	Yes.	No.	Yes.	No.
Ethylbenzene	Yes.	No.	41 µg/day (ingestion) 54 µg/day (inhalation)	No.

International regulations

International lists : **Australia inventory (AICS):** All components are listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Japan inventory: Not determined.
Korea inventory: All components are listed or exempted.
Malaysia Inventory (EHS Register): Not determined.
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.
Taiwan inventory (CSNN): Not determined.

Chemical Weapons Convention List Schedule I Chemicals : Not listed

Section 15. Regulatory information

Chemical Weapons : Not listed

Convention List Schedule

II Chemicals

Chemical Weapons : Not listed

Convention List Schedule

III Chemicals

Section 16. Other information**History**

Date of issue mm/dd/yyyy : 06/30/2013

Date of previous issue : 05/30/2012

Version : 3

Revised Section(s) : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

Prepared by : KMK Regulatory Services Inc.

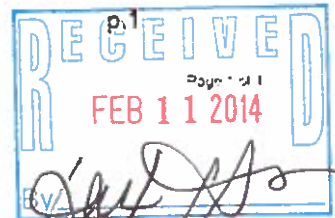
Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

HIGHWAY TRANSPORTATION RECEIPT

KINDER MORGAN - 49 N. 53rd Ave, Phoenix, AZ 85043
 ORIGINAL BILL OF LADING - NOT NEGOTIABLE
 (LOADING TICKET)



WE HEREBY THE PROPERTY DESCRIBED BELOW, IN APPARENT GOOD ORDER AND CONDITION, TO THE CARRIER COMPANY (THE WORD "COMPANY" BEING UNDERSTOOD AS INCLUDING ANY
 PART OR CORPORATION IN POSSESSION OF THE PROPERTY) AGREES TO TRANSPORT AND DELIVER TO CONSIGNEE AT HIS USUAL PLACE OF DELIVERY (IF ANY) OR AT THE
 PLACE OTHERWISE PROVIDED TO ANOTHER CARRIER ON THE ROUTE TO SAID DESTINATION. IT IS MUTUALLY AGREED THAT THE TRANSPORTATION SERVICES HEREUNDER ARE
 SUBJECT TO ALL THE PHRASES, TERMS AND CONDITIONS NOT PROHIBITED BY LAW, OF THE "TRANSPORTATION COMPANY'S" UNIFORM BILL OF LADING, "CONTRACT" OR "AIRWAYBILL"
 WHICH SERVICES WILL BE SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT, SERVICE ORDER OR OTHER AGREEMENT EXECUTED OR AGREED TO BETWEEN PARTIES
 HEREIN, AND TO ALL APPLICABLE CONVENTIONS AND EXISTING LAW, WHEN MOVEMENT IS IN A VEHICLE OPERATED BY SHIPPER, OR OWNER OF PRODUCT. THIS DOCUMENT SERVES ONLY
 AS A RECEIPT FOR PRODUCT LOADED.

STATE AND FEDERAL TAX DUTY ON MOTOR VEHICLE FUEL COVERED BY THIS LOADING TICKET HAS BEEN ASSUMED AND WILL BE PAID BY THE SHIPPER.

WE HEREBY CERTIFY THAT THE CARGO TANK SUPPLIED FOR THIS SHIPMENT IS A PROPER CONTAINER FOR THE TRANSPORTATION OF THIS COMMODITY AND COMPLIES WITH THE DEPARTMENT OF TRANSPORTATION REGULATIONS FOR THE TRANSPORTATION OF EXPLOSIVES AND OTHER DANGEROUS ARTICLES.

WE HEREBY CERTIFY THAT THE BELOW-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPT. OF TRANSPORTATION.

WE HEREBY CERTIFY WE HAVE BEEN ADVISED TO DO SO.

DESTINATION: 0000041487
 AVFUEL CORP NEVADA
 VARIOUS NV
 LAS VEGAS, NV 48106

FOR PRODUCT EMERGENCY
 Spill, Leak, Fire, Exposure or Accident
 CALL CHEMTREC-DAY OR NIGHT
800-424-9300
 KINDER MORGAN ENERGY PARTNERS
 CCN12469

TRUCK NO.	TRUCK LICENSE NO.	TRAILER 1 NO.	TRAILER 1 LICENSE NO.	TRAILER 2 NO.	TRAILER 2 LICENSE NO.
632	1TS859	599	NEW		
PLATE	HTL NO.	HTL	DATE	DRIVER NO.	CARRIER
PX	0001451055	Card IN: 16:12 Card OUT: 16:33	02/08/2014 02/08/2014	02210293	DESERT REFINED

SHIPPER: 0000000452
 WESTERN REFINING "COMMUNITY"
 1250 WEST WASHINGTON, SUITE # 101
 TEMPE, AZ 85281

CONSIGNEE: 0000000452
 WESTERN REFINING CO., LP
 6300 TROWBRIDGE DR
 EL PASO, TX 79905

BAY NO: 3W

PRODUCT CODE	PRODUCT NAME	OCT.	TEMP	GRAVITY	GROSS GALLONS	NET GALLONS
000116	WESTERN FUEL, AVIATION, TURBINE ENGINES, PG III / 1 CARGO TANK JET-A WA22	0.0	61.5	42.0	7194	7189

CONFIRMATION TEST RESULTS ON FILE INDICATING THAT THIS PRODUCT MEETS ASTM D1555 MAY CONTAIN UP TO 3000 PPM SULFUR NOT FOR VEHICULAR OR HEATING USE

LPA DIESEL FACILITY ID - #4453 81828

Yes
 4/104621

SIGNATURE OF DRIVER: _____

DAVE BATTIN

831 S. 59th Avenue
Phoenix, Arizona 85043
(602) 305-7202

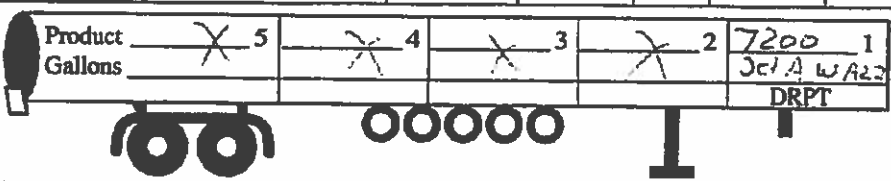


DELIVERY TICKET
520376

Customer AV Fuel Cust. # 452 41487 Date 2-8, 20 14
Origin: Rack-City Ken 13 PHX Destination Desert Flying Service
P.O. # 4104621 Street Address 41 Airport Rd City Tonopah NV

Bill of Lading # 1151015

COMMODITY	GRADE/CLASS	GROSS GALLONS	TEMP	A.P.I. GRAVITY	NET GALLONS	ADDITIONAL CHARGES	✓
GASOLINE, Flammable Liquid II UN 1203	Unleaded					C.O.D.	
GASOLINE, Flammable Liquid II UN 1203	Midgrade					DEMURRAGE	
GASOLINE, Flammable Liquid II UN 1203	P-Unleaded					PUMP CHARGE	
FUEL OIL, Combustible Liquid III UN 1202	Diesel					SPLIT LOAD-UNLOAD	
RED DYE DIESEL UN 1202	Red Dye					SHORT LOAD	
E85 ETHANOL-GASOLINE MIX UN 3475	E85					OTHER:	
FUEL AVIATION, TURBINE ENGINE COMBUSTIBLE LIQUID III UN 1863	<u>JA</u>	<u>7194</u>	<u>61.5</u>	<u>42.0</u>	<u>7194</u>		
GASOLINE, Flammable Liquid II UN 1203	Aviation						
ETHYL ALCOHOL, Flammable Liquid II UN 1170	Ethanol					TANK STICK READING	
TRANS MIX UN 1268	Trans Mix					Product Before After Water	
						<u>Jet A W122</u>	<u>✓</u>



LOADING Truck# 632 Trailer # 599
 Arrived 4:25 A.M. Driver Name Print Dave Ballard
 Begin Loading 4:12 A.M. Finished Loading 4:39 A.M.
 Received by Carrier in Good Condition Except as Noted: _____
 Loading Driver Signature [Signature]

UNLOADING Time Ordered: Pri
 Arrived 17:26 A.M. Date 2-9-2014
 Begin Unloading 12:30 A.M. Finished Unloading _____ A.M.
 Received by Consignee in Good Condition Except as Noted: _____
 Consignee Sign [Signature] Total Demurrage: _____

Location	Odometer	State	L/E	Pretrip	Notes
<u>190K</u>	<u>43450</u>	<u>AZ</u>	<u>E</u>	<input type="checkbox"/>	
<u>Skilton</u>	<u>43958</u>	<u>NV</u>	<u>L</u>		
			<u>E</u>		
Total Mileage: _____					Verified By: _____

WHITE - DRPT Office YELLOW - Extra PINK - Customer

JET-A LABORATORY TEST REPORT

Note: All entries must be made on batch # and bill to before performing tests.

Location: Kinder Morgan
 Batch # WRCW 15-04 Bill To: WRC
 Batch # _____ Bill To: _____
 Batch # _____ Bill To: _____
 Tank # P-18 All Level Quantity 1QT
 Date / Time Sampled 2-6-14 @ 0200 Date / Time Tested 2-6-14 @ 0245

Test	Specification	Results
Appearance	1A	White Bucket: <u>1A</u>
API Gravity:	37-51 API	D 1298 <u>42.1 @ 62 = 42.0 @ 60 F</u>
Distillation:		D 86
Barometer Reading	Report	<u>981</u>
Initial Boiling Point	Report	<u>310 F @ 16:46</u>
Recovery:	10% 400 F Maximum	<u>338 F @ 18:35</u>
	50% Report	<u>389 F @ 25:25</u>
	90% Report	<u>474 F @ 31:08</u>
End Point	572 F Maximum	<u>526 F @ 43:13</u>
Final Reading: Residue:	<u>1.3</u> MAX 1.5ml	Loss: <u>.4</u> Max: 1.5ml
Flash Point:	100 F Minimum	D 56 <u>112°</u> F
Freezing Point:	-40 C Minimum	D 2386 <u>-52</u> C
Stirring Rate	1.0-1.5 Per Sec.	<u>1.0</u>
Micro-Sep:	85 Minimum	D 3948 <u>87</u>
Copper Strip Corrosion:	2h @ 100C	D 130 <u>1A</u>
Existen Gum:	7 Max	D 381 <u>4.8</u>
Color Saybolt: Chevron Only (P-16 and Tucson)		<u>NIA</u>

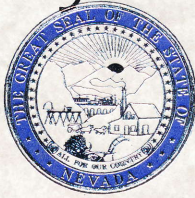
ALL ABOVE TESTS ARE PERFORMED UNDER ATA 103 SPECIFICATIONS

Tested By: David Thrift Employee ID # 303058

Appendix H

Qualifications of the Environmental Professional

State of Nevada



Department of Conservation and Natural Resources Division of Environmental Protection

This is to certify that

VICTORIA L TYSON-BLOYD

having given satisfactory evidence of the necessary qualifications as required by the Nevada Revised Statute 459.400 to 459.600, inclusive, and Nevada Administrative Code 459.970 to 459.9729, inclusive, has been granted certification as a

Environmental Manager

in the State of Nevada

In testimony whereof, witness the signature of the Administrator and the Seal of the State of Nevada.

2200

Certification Number

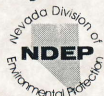
September 24, 2015

Expiration Date

A handwritten signature in cursive script, appearing to read "Colleen Cripps".

Colleen Cripps, Ph.D. Administrator

State of Nevada



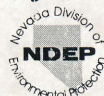
Division of Environmental Protection

VICTORIA L TYSON-BLOYD is certified as an
Environmental Manager
in the State of Nevada

EM - 2200

Expires - 9/24/2015

State of Nevada



Division of Environmental Protection

VICTORIA L TYSON-BLOYD is certified as an
Environmental Manager
in the State of Nevada

EM - 2200

Expires - 9/24/2015

NOTE:

Attached is your official certificate attesting to your certification. Also attached are two (2) pocket cards. Upon request of the Division, client or potential client, a holder of a certificate shall present his certificate for inspection (NAC 459.9729). A pocket card will suffice as proof of certificate at job sites.

You will receive only one (1) notification of expiration and renewal for your certification. It is the certified individual's responsibility to ensure his or her renewal is submitted in a timely manner. There is no grace period (NAC 459.9727).

Any address changes should be forwarded to the Certification coordinator at:

Bureau of Corrective Actions
901 S. Stewart Street Ste 4001
Carson City, NV 89701 - 5249