

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**6125 East Mountain Falls Boulevard
&
4450 South Nevada Highway 160
Pahrump, Nevada 89061**

Nye County Assessor Parcel Numbers 045-011-19 & 045-011-23

PREPARED FOR:

Nye County
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On behalf of the
Rural Desert Southwest Brownfields Coalition

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EXECUTIVE SUMMARY

BEC Environmental, Inc. was retained by Nye County to perform a Phase I Environmental Site Assessment (ESA) of two contiguous parcels located in Nye County, Nevada, Assessor Parcel Numbers (APNs) 045-011-19 & 23, consisting of 11 acres of vacant land. The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental conditions (RECs) in connection with the property. Brian Loffman, a Nevada Certified Environmental Manager, performed the site reconnaissance on April 2, 2012. 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 consists of two contiguous parcels totaling approximately 11 acres of vacant land. The subject site is located at 6125 East Mountain Falls Boulevard & 4450 South Nevada Highway 160, Pahrump, Nevada 89061.
- Based on an interview with Mr. Robert Lucia (owner representative), the subject site has not been developed during his ownership. A review of city directory and Nye County building records showed the site had never been developed. However, aerial photography shows partial development of the site consisting of several structures between 1971 and 1999.
- Properties to the north, south, and west show partial development as early as 1971. Property to the east consists of undeveloped land as early as 1971, according aerial photography review.
- The regulatory database review was purchased as a report through Environmental Data Resources, Inc. (EDR). The report did not identify any federal or state listings for the subject site or within the minimum search radii for the adjacent area.
- 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 one-mile radius search distance. A review of the approximate locations, as listed in the EDR report, indicates one of the 20 orphan sites (Blackjack Fireworks LLC) is located within the 1-mile search radius. Blackjack Fireworks LLC is listed on the EPA Enforcement & Compliance History Online (ECHO) and Envirofacts databases as facility ID NVR000083790. The ECHO and Envirofacts queries (see Appendix H) show no violations and compliance with permit regulations for Blackjack Fireworks. Thus, BEC does not consider this to be a recognized environmental condition.

- Based on the authorized scope of services, BEC did not conduct a cultural resources review. However, no obvious archaeological resources or structures of historical significance were observed at the time of the site reconnaissance.
- Based on the authorized scope of services, BEC did not conduct a wetlands review.
- Based on the authorized scope of services, BEC did not conduct a review to identify the potential occurrence of federally listed threatened and endangered (T&E) species on the site.

Recommendations

This Phase I ESA was performed in conformance with the scope and limitations of the American Society for Testing and Materials Practice (ASTM) E 1527-05. Any exceptions to or deletions from this practice are described in Section 1.3 of this report. BEC did not identify any recognized environmental conditions (RECs) which, in our opinion, warrants additional investigation at this time.

1 INTRODUCTION

BEC Environmental, Inc has been authorized by Nye County to perform a Phase I Environmental Site Assessment (ESA) for assessor parcel number (APNs) 045-011-19 & 23. This Phase I ESA is being prepared as part of the Rural Desert Southwest Brownfields Coalition Assessment grant funded by the United States Environmental Protection Agency. The subject property consists of two contiguous parcels totaling 11 acres of vacant land at 6125 East Mountain Falls Boulevard & 4450 South Nevada Highway 160, Pahrump, Nevada 89061, (hereinafter referenced as the site, subject site, or subject property). The approximate location of the site is shown on the Vicinity Map and Site Location Map 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 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. In accordance with American Society for Testing and Materials (ASTM) Standard E 1527-05, 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 on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property.”* 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 Detailed Scope-of-Services

The scope of work in performing this Phase I ESA entails four main components: a site reconnaissance, personnel interviews, regulatory records review, and report preparation. The first component, a site reconnaissance, entailed a visit to the property on April 2, 2012, for the purposes of making site observations and interviewing site occupants, owners and property management personnel. The second component consisted of interviews with the current and former owners of the site, current occupants of neighboring properties, and other personnel associated directly with the site. The third component of the assessment process included a formal records review and interviews with local government officials and a review of user-provided information. This report comprises the fourth and final phase of the Phase I ESA process.

1.3 Significant Assumptions

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 Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No 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 Environmental, Inc. should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

1.5 Special Terms and Conditions

Please note that the scope of this evaluation did not include: subsurface exploration, soil or water sampling, chemical analysis, or an evaluation of methane gas, radon, lead, asbestos, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, high voltage power lines, or geotechnical studies. Privately owned lots within the property boundary and properties surrounding the site were visually inspected from common driveways or public right-of-ways. 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.

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 Environmental, Inc. has any control. Nye County nor BEC Environmental, Inc. 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.

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 legal description of the subject property is Section 03 within the NW ¼ of the SW ¼ of Township 21S, Range 54E M.D.M in Pahrump, Nevada. Please refer to the site location map provided in **Appendix A** and the Assessor's Parcel Map provided in **Appendix B**.

2.2 Site and Vicinity General Characteristics

The site comprises 11 acres of vacant land. According to the Nye County Assessor the subject property is zoned SP (Specific Plan). Property immediately east of the subject site is zoned GC (General Commercial). Property immediately west of the subject site is zoned SP (Specific Plan). Property north of the subject site is zoned GC (General Commercial). Property south of the subject site is zoned SP (Specific Plan), NC (Neighborhood Commercial) and GC (General Commercial).

2.3 Current Use of the Property

The subject property is currently vacant.

2.4 Current Uses of Adjoining Properties

The current adjoining property uses are:

North:	Commercial & rural ranch land use.
South:	Commercial & rural ranch land use.
East:	Commercial land use.
West:	Residential land use.

2.5 On-Site Improvements

The subject site consists of vacant land with no habitable structures or commercial improvements. However, a small corrugated metal storage silo is located on the subject site. The storage silo is empty (see site photographs 15, 16, and 17 in Appendix C).

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

A 50-year chain-of-title was not requested for this study. Historical use of the Property was researched using other acceptable ASTM standard historical sources. According to the Nye County Assessor and Recorders office, the ownership of the subject site is listed as follows:

Parcel 45-011-19, formerly 47-021-03	
Owner	Recorded Date
Robert Elton Lucia Trust	1/4/2010
Robert E. Lucia	6/28/2004
Mountain Falls Acquisition Corp.	8/30/2002
Commercial Federal Bank	4/19/2002
EA Collins Development Corp.	9/3/1999
Carole and Calvin Murton Bowman	N/A

Parcel 45-011-23, formerly 45-011-03	
Owner	Recorded Date
Robert Elton Lucia Trust	1/4/2010
Robert E. Lucia	6/28/2004
Mountain Falls Acquisition Corp.	8/30/2002
Commercial Federal Bank	4/19/2002
EA Collins Development Corp.	9/3/1999
Carole and Calvin Murton Bowman	N/A

3.2 Environmental Liens or Activity and Use Limitations

Based on information provided during interviews with Mr. Robert Lucia, representing the Robert Elton Lucia Trust (owner), and Mr. Al Balloqui, representing Mr. Herman Eminger of the Windsor Group LLC (purchaser), 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, neither the purchaser's representative or the current owner representative indicated they were unaware of any such conditions, and to their knowledge, the site was devoid of significant environmental issues.

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, neither the purchaser's representative or the current owner representative indicated they were unaware of any such conditions, and to their knowledge, the site was devoid of significant environmental issues.

3.5 Owner, Property Manager, and Occupant Information

The subject is vacant and thus property manager and occupant information does not apply. Please refer to Section 6 for a list of individuals interviewed during the preparation of the Phase I ESA.

3.6 Valuation Reduction for Environmental issues

The purchaser representative does not believe the price being paid for the property represents an amount less than the fair market value. The client does not believe any environmental issues on or adjacent to the subject site affect the value of the property.

3.7 Reason for Performing Phase I

The client has requested the assessment in order to qualify for the “innocent landowner defense” under CERCLA §§101(40), 107(r)(1).

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 1527-05.

4.1 Environmental Database Search

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

Regulatory Records - *Appendix D*

Local Records - *Appendix E*

Sanborn Map - *Appendix F*

Historical Topography and Aerial Photos - *Appendix G*

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 one-mile radius search distance. A review of the approximate locations, as listed in the EDR report, indicates one of the 20 orphan sites (Blackjack Fireworks LLC) is located within the 1-mile search radius. Blackjack Fireworks LLC is listed on the EPA Enforcement & Compliance History Online (ECHO) and Envirofacts databases as facility ID NVR000083790. The ECHO and Envirofacts queries (see Appendix H) show no violations and compliance with permit regulations for Blackjack Fireworks. Thus, BEC does not consider this to be a recognized environmental condition.

A review of the regulatory information from this database search for possible recognized environmental conditions (RECs) within the ASTM approximate minimum search distance 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 1527-05 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:

Federal Environmental Records

Record Source	Within Property	Adjoining Properties
National Priorities List (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

State Environmental Records

Record Source	Within Property	Adjoining 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 0.5-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 Non-Generators List

This database identifies EPA-listed facilities that may store or transport hazardous waste or meet other RCRA requirements but do not generate hazardous waste. 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, Conditionally Exempt Generators. Neither the subject site nor facilities within a 0.5-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 1-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. The subject site was not on the ERNS list.

State/Tribal Hazardous Waste Site List, Nevada Department of Conservation and Natural Resources (NV DOC), Corrective Actions Case List

The State of Nevada does not have the equivalent of an NPL. However, within the Nevada Department of Conservation and Natural Resources, the Nevada Division of Environmental Protection (NDEP), Bureau of Corrective Actions maintains a list of petroleum and/or hazardous waste releases targeted for cleanup by responsible parties and NDEP over the foreseeable future. The Corrective Actions Case List records are the States' equivalent to CERCLIS. Neither the subject site nor facilities within a 0.5-mile radius of the site were listed.

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

The Nevada Department of Conservation and Natural Resources maintains a list of corrective action sites for hazardous waste sites. Neither the subject site nor facilities within a 0.5-mile radius of the site were listed.

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

The Nevada Department of Conservation and Natural Resources 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 the Nevada Department of Conservation of Natural Resources, 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 facilities 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 facilities were listed within a 0.5-mile radius of the 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.

Other Environmental Records Review

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. Based upon inquiries to EDR, Sanborn maps were not available for the site area. Please refer to **Appendix F** for the Sanborn Map Report prepared by EDR.

4.2 Historical City Directories

EDR, Inc. prepared a City Directories Abstract to assist in evaluating potential liabilities on the subject site and adjoining properties resulting from past activities. EDR's City Directories Abstract includes a search of available city directory data. Business directories including city,

cross reference and telephone directories were reviewed at approximate 5-year intervals for the years spanning between 1936 and 2004. The City Directories Abstract did not appear to reveal any past site usage that would warrant additional investigation.

4.3 Physical Setting – Topography and Hydrogeology

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

The subject site is approximately 11 acres and slopes from east to west at approximately a 1.5-percent grade. The elevation of the site is approximately 2,803-feet above mean sea level. The site is located in the Pahrump Valley, which lies in the southwestern portion of the Great Basin, within the Basin and Range physiographic province. The Pahrump Valley is a horst and graben system, typical of the Basin and Range Physiographic Province. The valley was formed as extensional forces in the Tertiary Period pulled apart the existing carbonate bedrock. As the bounding mountains were pulled away from each other, the central block was forced down, eventually forming a deep linear depression. As sediments eroded off the surrounding mountains, they filled this depression up to several thousand feet, burying the ancient carbonates and creating the modern alluvial aquifer system and valley floor. As a result, there are two distinct aquifer systems in the basin; the alluvial valley-fill aquifer, and the fractured carbonates of the surrounding ranges and deeply buried basement rock.

The valley-fill aquifer contains the primary water bearing units in Pahrump Valley and all known water production is found here. The sediments are composed of alluvium, Pleistocene lake bed deposits, and conglomerates with occasional volcanic units. Deposits are typically fine grained in the western and central sections of the valley, and trend to more coarse grained, bouldery deposits at the foot of the Spring Mountains to the east. Valley-fill sediments are often sourced from the bounding ranges, and are composed primarily of weathered volcanic and carbonate clasts.

Because of its position in the arid Mojave Desert, Pahrump receives an average of only 4.71 inches of precipitation annually. Winter average precipitation (December, January, and February) is 2.00 inches, while summer average precipitation (June, July, and August) is only 0.72 inches annually. Monthly average high temperatures vary considerably between seasons with an average high of 101°F in July and 58°F in December and January (weather.com).

Specific and current depth to groundwater at the site is unknown. Depth to ground water in the Pahrump Valley typically varies from less than 30 feet below the land surface to several hundred feet below the surface of the alluvial fan. Beneath the Town of Pahrump, depths vary from around 90 feet below the land surface west of Nevada Highway 160, to 45 feet on the west end of Pahrump. A review of the well log report prepared by EDR (see **Appendix D, pages A-11 through A-81**) shows the following: six (6) wells registered to USGS in the one-mile radius, zero (0) wells registered as a federal public water supply well in the one-mile radius and 46 wells registered in the state database within the one-mile radius. There are no wells registered for the subject property and none were observed during the site visit.

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.

According to the Aerial Photography provided in **Appendix G**, the subject site was partially developed on the west side of the subject site from 1971 through 1999. The aerial photographs show several structures on the west half of the subject site. Due to the scale and clarity of the aerial photographs, the types of buildings and usage could not be ascertained. Note the 1995 aerial photograph is obscured with insufficient resolution. 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 formation describing the subject property was obtained from a variety of sources as discussed below. This information is summarized in the table below.

Period/Date	Land Use	Source(s) of Information
1971	Partially developed	Aerial Photo – 1” = 1,000’
1980	Partially developed	Aerial Photo – 1” = 500’
1989	Partially developed	Aerial Photo – 1” = 750’
1994	Partially developed	Aerial Photo – 1” = 500’
1995	Aerial photo obscured	Aerial Photo – 1” = 750’
1999	Partially developed	Aerial Photo – 1” = 750’
2006	Vacant, graded land	Aerial Photo – 1” = 500’

Based on a review of Nye County records from the Planning Department, and records available through the Town of Pahrump Building & Safety no records of site development exist for the subject site.

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 aerial photographs show some of the adjacent properties as partially developed. However, the types of structures and their purpose could not be ascertained but is assumed to be farming/agricultural related. 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 Planning and Town of Pahrump Building and Safety departments.

North Historical Land Use

Period/Date	Land Use	Source(s) of Information
1971	Agricultural/Rural Ranch	Aerial Photo – 1” = 1,000’
1980	Agricultural/Rural Ranch	Aerial Photo – 1” = 500’
1989	Agricultural/Rural Ranch	Aerial Photo – 1” = 750’
1994	Agricultural/Rural Ranch	Aerial Photo – 1” = 500’
1995	Agricultural/Rural Ranch	Aerial Photo – 1” = 750’
1999	Agricultural/Rural Ranch	Aerial Photo – 1” = 750’

2006	Agricultural/Rural Ranch	Aerial Photo – 1” = 500’
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South Historical Land Use

Period/Date	Land Use	Source(s) of Information
1971	Agricultural/Rural Ranch	Aerial Photo – 1” = 1,000’
1980	Agricultural/Rural Ranch	Aerial Photo – 1” = 500’
1989	Agricultural/Rural Ranch	Aerial Photo – 1” = 750’
1994	Agricultural/Rural Ranch	Aerial Photo – 1” = 500’
1995	Agricultural/Rural Ranch	Aerial Photo – 1” = 750’
1999	Agricultural/Rural Ranch	Aerial Photo – 1” = 750’
2006	Agricultural/Rural Ranch	Aerial Photo – 1” = 500’

East Historical Land Use

Period/Date	Land Use	Source(s) of Information
1971	Undeveloped	Aerial Photo – 1” = 1,000’
1980	Undeveloped	Aerial Photo – 1” = 500’
1989	Undeveloped	Aerial Photo – 1” = 750’
1994	Undeveloped	Aerial Photo – 1” = 500’
1995	Undeveloped	Aerial Photo – 1” = 750’
1999	Undeveloped	Aerial Photo – 1” = 750’
2006	Undeveloped	Aerial Photo – 1” = 500’

West Historical Land Use

Period/Date	Land Use	Source(s) of Information
1971	Developed - Farming	Aerial Photo – 1” = 1,000’
1980	Developed – Farming	Aerial Photo – 1” = 500’
1989	Developed – Farming	Aerial Photo – 1” = 750’
1994	Developed – Farming	Aerial Photo – 1” = 500’
1995	Developed - Farming	Aerial Photo – 1” = 750’
1999	Residential	Aerial Photo – 1” = 750’
2006	Residential	Aerial Photo – 1” = 500’

5 SITE RECONNAISSANCE

The purpose of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property and adjacent area. The site reconnaissance visit was performed on April 2, 2012, by Brian Loffman (BEC) at approximately 10:00 am. The weather during the inspection was sunny and approximately 75 degrees Fahrenheit. All areas of the subject site were accessible during the inspection. The condition of adjoining properties was visually evaluated for any recognized environmental concerns (RECs).

5.1 Methodology and Limiting Conditions

BEC first performed a windshield survey of the adjoining properties along State Route 160 and Mt. Falls Boulevard in order to evaluate the types of business' and any conditions of the neighboring properties that may pose an environmental risk to the subject site. Structures of particular note (i.e. groundwater wells, cisterns, transformers, chemical storage areas, etc.) were photographed and recorded in a field log.

BEC crossed the property on east-west transects to maximize visual observation of the site. BEC also walked the entire perimeter of the subject site and noted conditions inconsistent with those expected for a commercial property.

5.2 General Site Setting

The subject site consists of approximately 11 acres of undeveloped land. The site has been previously graded indicating the possibility of previous usage.

5.3 Exterior Observations

The subject site consists of approximately 11 acres of vacant, graded land and is predominantly devoid of natural desert vegetation. With the exception of the small metal storage silo there are no on-site structures. A 5-gallon bucket of latex paint was observed inside the metal storage silo (see site photograph 17 in Appendix C). Numerous used heavy equipment oil filters were observed discarded adjacent to the metal storage silo (see site photograph 18 in Appendix C). Neither the paint nor the used oil filters represent a REC in connection with the subject site.

5.4 Interior Observations

No on-site structures to observe.

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

The site contact was the owner representative, Mr. Robert Lucia, see Section 6.2 below.

6.2 Interview with Owner

BEC conducted an interview with Mr. Robert Lucia (site owner representative). Mr. Lucia indicated he had no knowledge of environmental concerns with the subject site or the surrounding properties. Mr. Lucia indicated he was aware of the subject site may have been used for farming purposes but had no specific knowledge of dates or type of farming that may have occurred on the subject site. Please refer to Appendix H for the Phase I Owner Questionnaire completed and signed by Mr Lucia.

6.3 Interview with Others

BEC conducted an interview with Mr. Al Balloqui (purchaser's representative). Mr. Balloqui indicated he had no knowledge of environmental concerns with the subject site or the surrounding properties. Please refer to Appendix H for the Phase I User Questionnaire completed and signed by Mr Balloqui.

BEC conducted an interview with Ms. Beth Lee (Nye County Planning Department). Ms. Lee indicated Nye County records only show a zone change request from 2005 that was subsequently withdrawn. She did not have any knowledge of environmental concerns with the subject site or the surrounding properties. Nye County building records typically do not provide information related to environmental issues. Please refer to Appendix H for the interview record.

BEC conducted an interview with Mr. Bill Browning (Town of Pahrump, Building & Safety Department). Mr. Browning reviewed their database which showed no records for the subject site parcel numbers. He did not have any knowledge of environmental concerns with the subject site or the surrounding properties. Please refer to Appendix H for the interview record.

BEC contacted Mr. Charles Moses (Environmental Scientist, Nevada Department of Agriculture) to inquire about pesticide and/or herbicide use at the subject site. Mr. Moses indicated there were no records or applications for pesticide/herbicide applications at the subject site. It should be noted that pesticides and herbicides must be applied by a licensed applicator for commercial scale projects. Please refer to Appendix H for the interview record.

7 FINDINGS AND CONCLUSIONS

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 two contiguous parcels located at 6125 East Mountain Falls Boulevard & 4450 South Nevada Highway 160, Pahrump, Nevada 89061.
- Based on interviews with Mr. Robert Lucia, current owner's representative, and Mr. Al Balloqui, purchaser's representative, the subject site has been vacant land since 2004.
- One pad mounted transformer was observed approximately 1/8 mile west of the subject site within the Mountain Falls Gateway residential community. Minor leakage from the transformer was observed at the base of the transformer as shown in site photograph 20, Appendix C. The transformer was labeled non-PCB as shown in site photograph 21, Appendix C. No pole mounted transformers were observed on or adjacent to the subject site. Based on the distance and non-PCB status, the transformer is not considered a REC.

- The regulatory database review was purchased as a report through Environmental Data Resources, Inc. (EDR). The report did not identify any federal or state listings for the subject site or within the minimum search radii for the adjacent area.
- 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 one-mile radius search distance. A review of the approximate locations, as listed in the EDR report, indicates one of the 20 orphan sites (Blackjack Fireworks LLC) is located within the 1-mile search radius. Blackjack Fireworks LLC is listed on the EPA Enforcement & Compliance History Online (ECHO) and Envirofacts databases as facility ID NVR000083790. The ECHO and Envirofacts queries (see Appendix H) show no violations and compliance with permit regulations for Blackjack Fireworks. Thus, BEC does not consider this 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 1527-05 of Nye County Assessor Parcel Numbers 045-011-19 & 23, the subject property, located at 6125 East Mountain Falls Boulevard & 4450 South Nevada Highway 160, Pahrump, Nevada 89061. 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 subject property.

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-1527-05:

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.

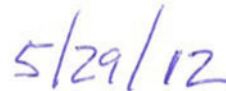
I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

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, Brian K. Loffman, 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.



Brian K. Loffman, C.E.M.
Certified Environmental Manager
No. 2265
Expires: September 21, 2012



Date

9 REFERENCES

American Society for Testing and Materials Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-05).

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (“CERCLA” or “Superfund”), as amended by Superfund Amendments and Reauthorization Act of 1986 (“SARA”) and Small Business Liability Relief and Brownfields Revitalization Act of 2002 (“Brownfield Amendments”), 42 U.S.C. §§9601, et. seq.

Resource Conservation and Recovery Act, as amended (“RCRA”), 42 U.S.C. §6901, et. seq.

Federal Emergency Management Agency, National Flood Insurance Program, Flood Insurance Maps.

United States Department of Agriculture, Soil Conservation Service, Soil Surveys.

United States Geological Survey, Topographic Maps.

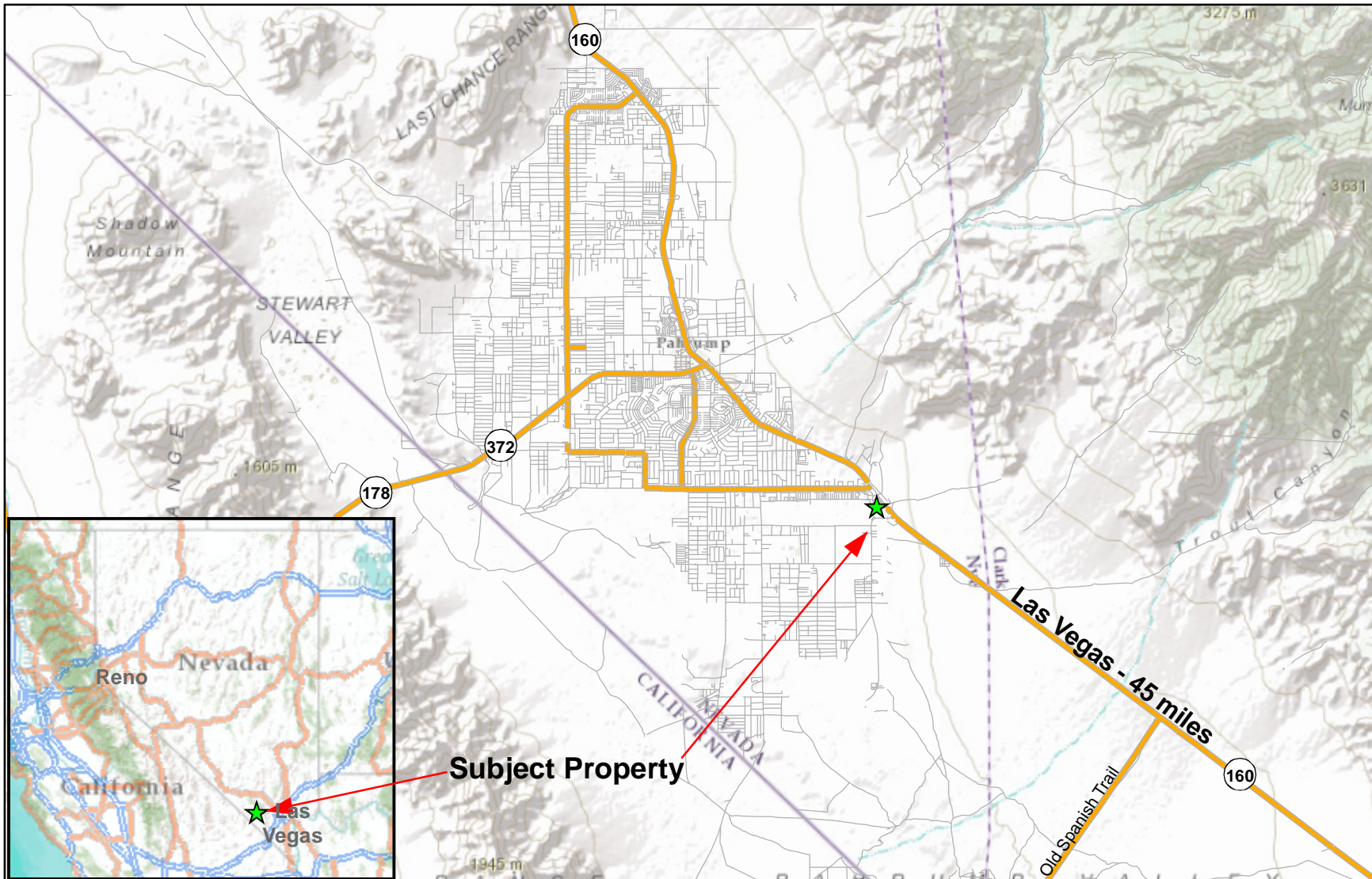
Nye County, Groundwater Surface Elevation Map

Environmental Data Resources, Inc. (EDR), Environmental Database Reports, 2012

Appendix A

Vicinity Map & Site Location Map

Vicinity Map



Vicinity Map

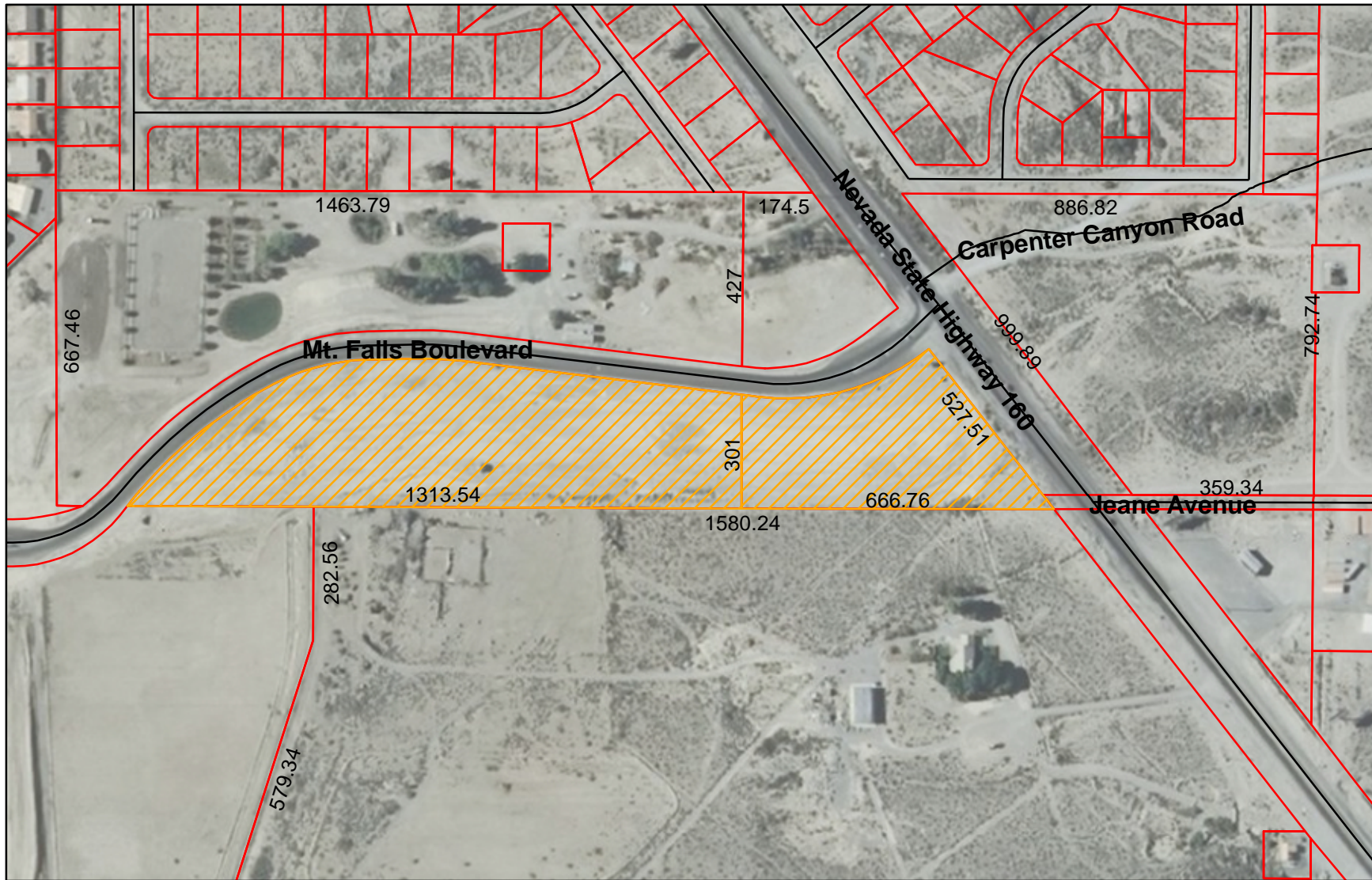
6125 East Mt. Falls Blvd. &
4450 S. Nevada Highway 160
Pahrump, NV

0 3 6 12 Miles

bec environmental, inc.



Site Location Map



Site Location Map

6125 East Mt. Falls Blvd. &
4450 S. Nevada Highway 160
Pahrump, NV

0 250 500 1,000 Feet

bec environmental, inc.

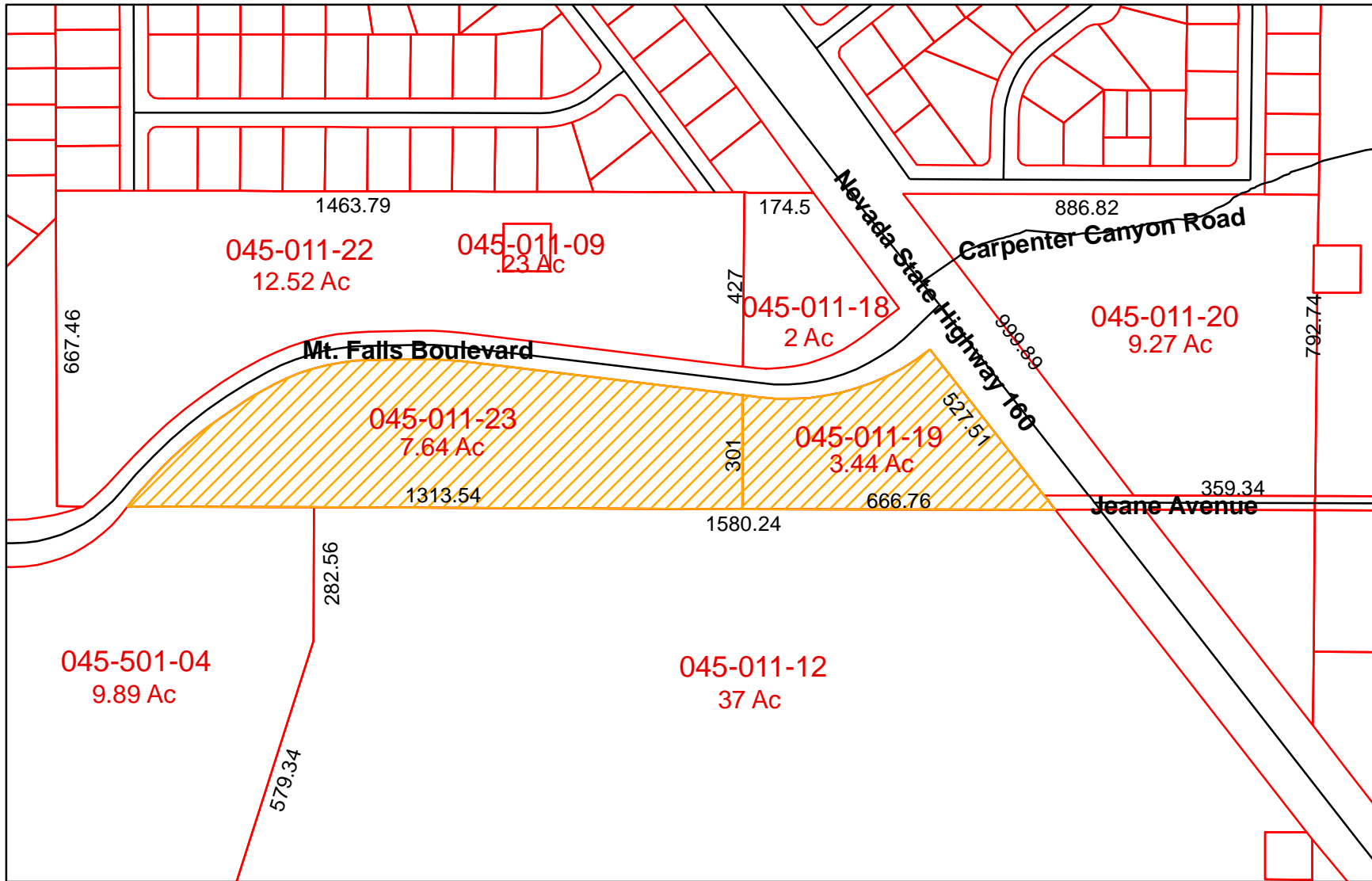
N



Appendix B

Assessors Parcel Map

Nye County Assessor Parcel Number Map



Assessors Parcels - Nye County, Nevada

Shirley Matson - Assessor



bec environmental, inc.



Appendix C
Site Photographs



Picture 1. View of subject site looking west from the eastern property boundary.

Picture 2. View of subject site looking northeast from the eastern property boundary.



Picture 3. View of subject site looking northwest from the eastern property boundary.

Picture 4. View of subject site looking south from the middle, northern property boundary.



Picture 5. View of the subject site looking west along the southern property boundary.



Picture 6. View of adjacent property (south of the subject site), note old farm equipment and a partially crushed 55-gallon drum.



Picture 7. Additional view of debris/old equipment pile on adjacent property to the south.



Picture 8. Dilapidated wooden stable and miscellaneous debris on adjacent south property.



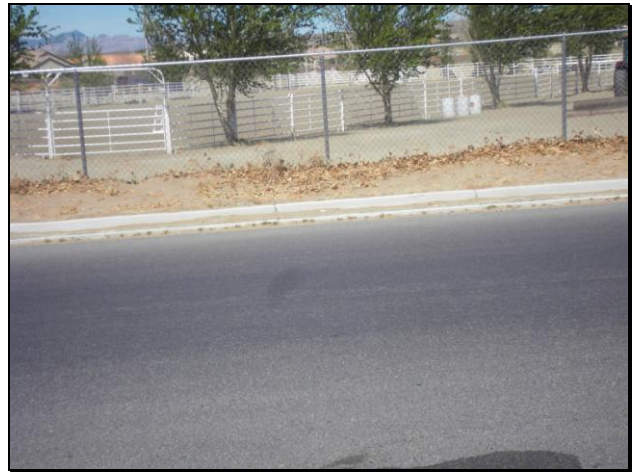
Picture 9. View of debris & old underground storage tanks on adjacent property to the south.

Picture 10. View of the subject site looking east along the southern property boundary.



Picture 11. View of the subject site looking east from western property boundary.

Picture 12. View of ranch property on north side of Mt. Falls Boulevard.



Picture 13. Additional View of ranch property on north side of Mt. Falls Boulevard.

Picture 14. Additional View of ranch property on north side of Mt. Falls Boulevard.



Picture 15. View on-site corrugated metal storage silo.

(note: black shading on corners of photo was a partially closed camera lens dust cover)



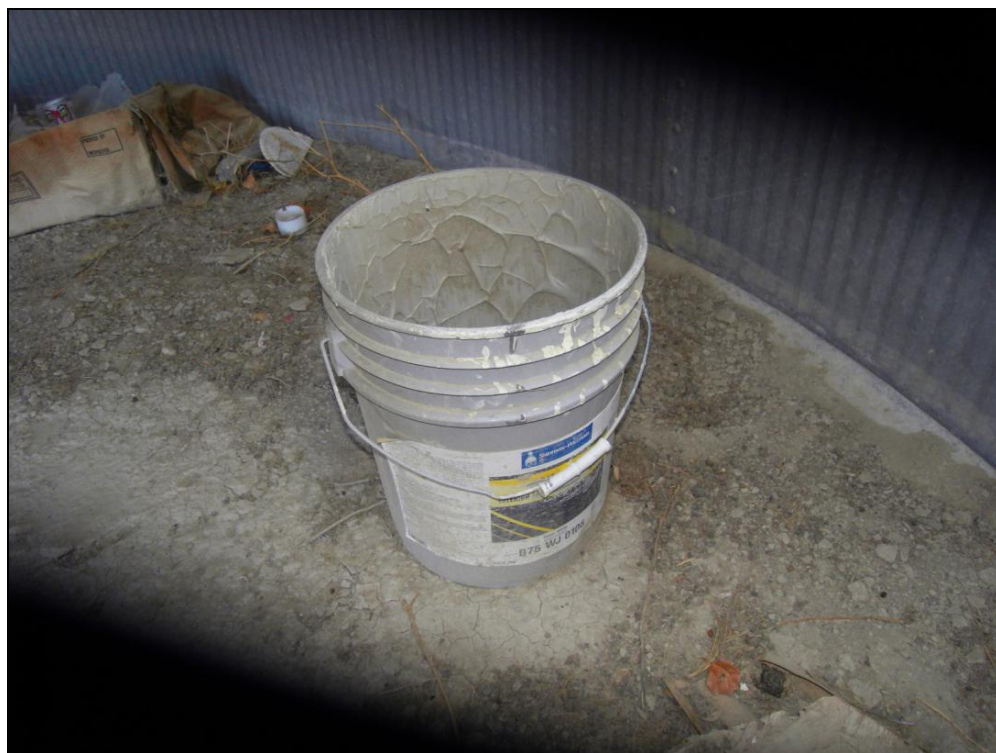
Picture 16. View on-site corrugated metal storage silo.



Picture 17. Interior view of corrugated metal storage silo with paint bucket.



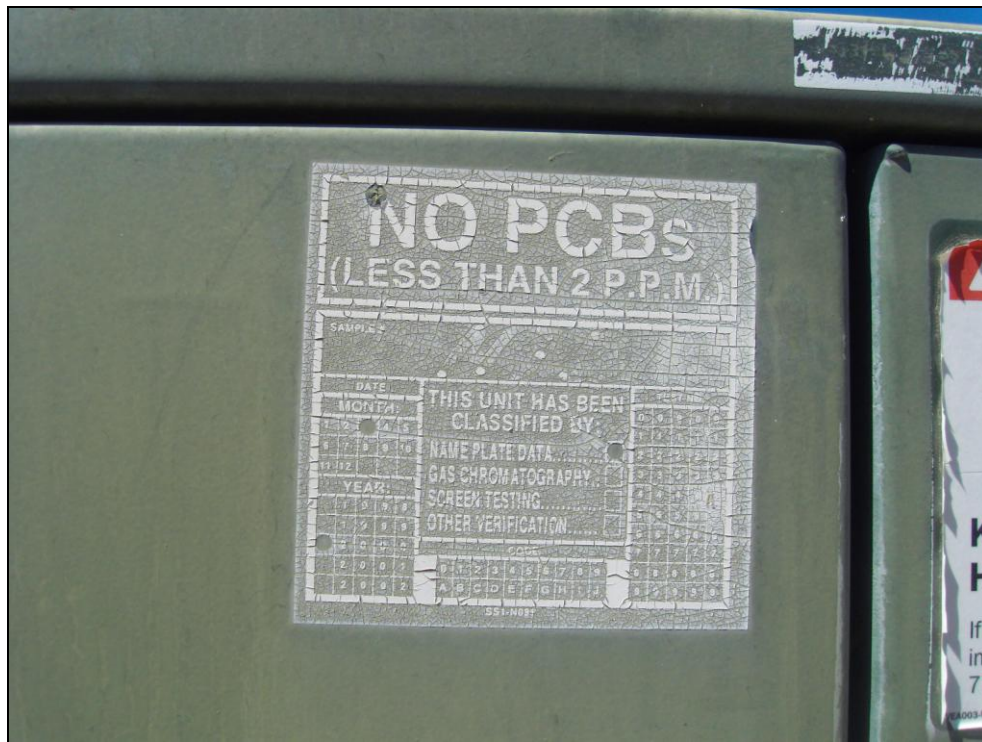
Picture 18. View of discarded heavy equipment oil filters adjacent to onsite storage silo.



Picture 19. Interior view of corrugated metal storage silo with paint bucket.



Picture 20. View of pad mounted transformer with minor leakage (approximately ¼ mile west of the subject site in the Mountain Falls residential community).



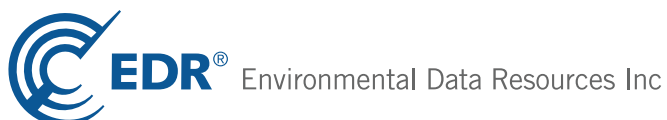
Appendix D
Regulatory Records Documentation

Mt. Falls Gateway

4450 South Nevada Highway 160
Pahrump, NV 89061

Inquiry Number: 3292098.2s
March 28, 2012

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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4450 SOUTH NEVADA HIGHWAY 160
PAHRUMP, NV 89061

COORDINATES

Latitude (North): 36.1542000 - 36° 9' 15.12"
Longitude (West): 115.8997000 - 115° 53' 58.92"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 598978.2
UTM Y (Meters): 4001411.5
Elevation: 2803 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36115-B8 PAHRUMP, NV
Most Recent Revision: 1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 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

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

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

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
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
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)

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
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
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
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plan Operation Data
COAL ASH.....	Coal Ash Disposal Sites
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

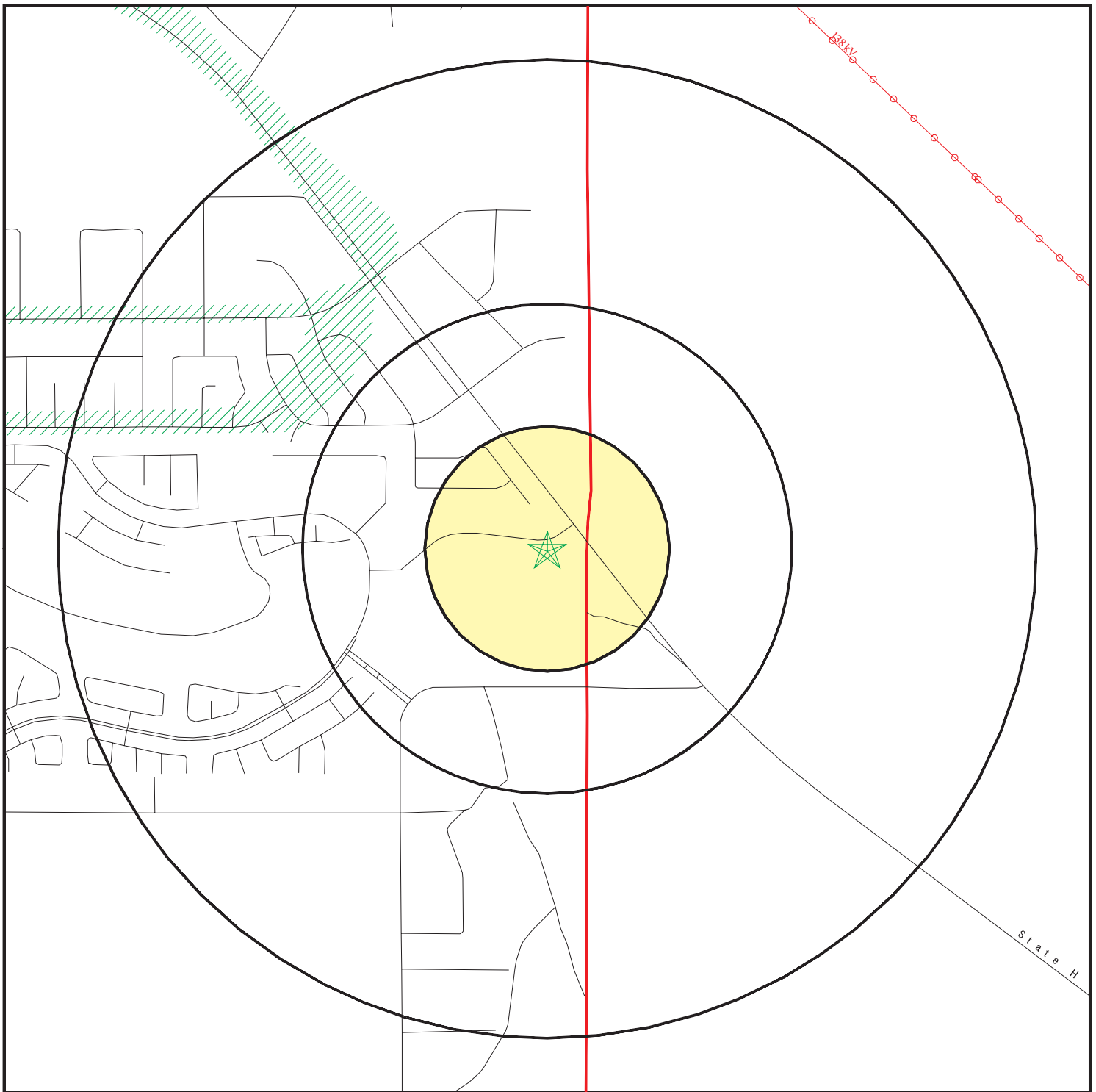
Unmappable (orphan) sites are not considered in the foregoing analysis.

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>
WALMART - PARKING LOT BINS (24/7)	SWRCY
LEE CANYON FIRE STATION	HWS
CACTUS SPRINGS TRUCK STOP	HWS
NEVADA DEPARTMENT OF TRANSPORTATIO	HWS
NEVADA DEPARTMENT OF TRANSPORTATIO	HWS
SONNENBURG MOBILE SOURCE	HWS
LOBO, INC. ACCIDENT	HWS
PREFERRED EQUITIES	HWS
E & R TRANSPORT MOBILE SOURCE	HWS
NYE COUNTY MAINTENANCE YARD	HWS
GREEN VALLEY GROCERY #22	UST
US AVESTOR LLC	FINDS,RCRA-NLR
USDA FOREST SERVICE KYLE CANYON	FINDS,RCRA-NLR
BLACKJACK FIREWORKS LLC	RCRA-NLR
NV ENERGY CHUCK LENZIE STATION	RCRA-CESQG
VALLEY ELECTRIC ASSOC	PADS,FINDS,RCRA-CESQG
MT CHARLESTON WATER COMPANY	FINDS
MOUNTAIN FALLS WATER SYSTEM UICN	FINDS
MOUNTAIN FALLS	FINDS
RIO TINTO / KINROSS	MINES

OVERVIEW MAP - 3292098.2s



- ★ 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

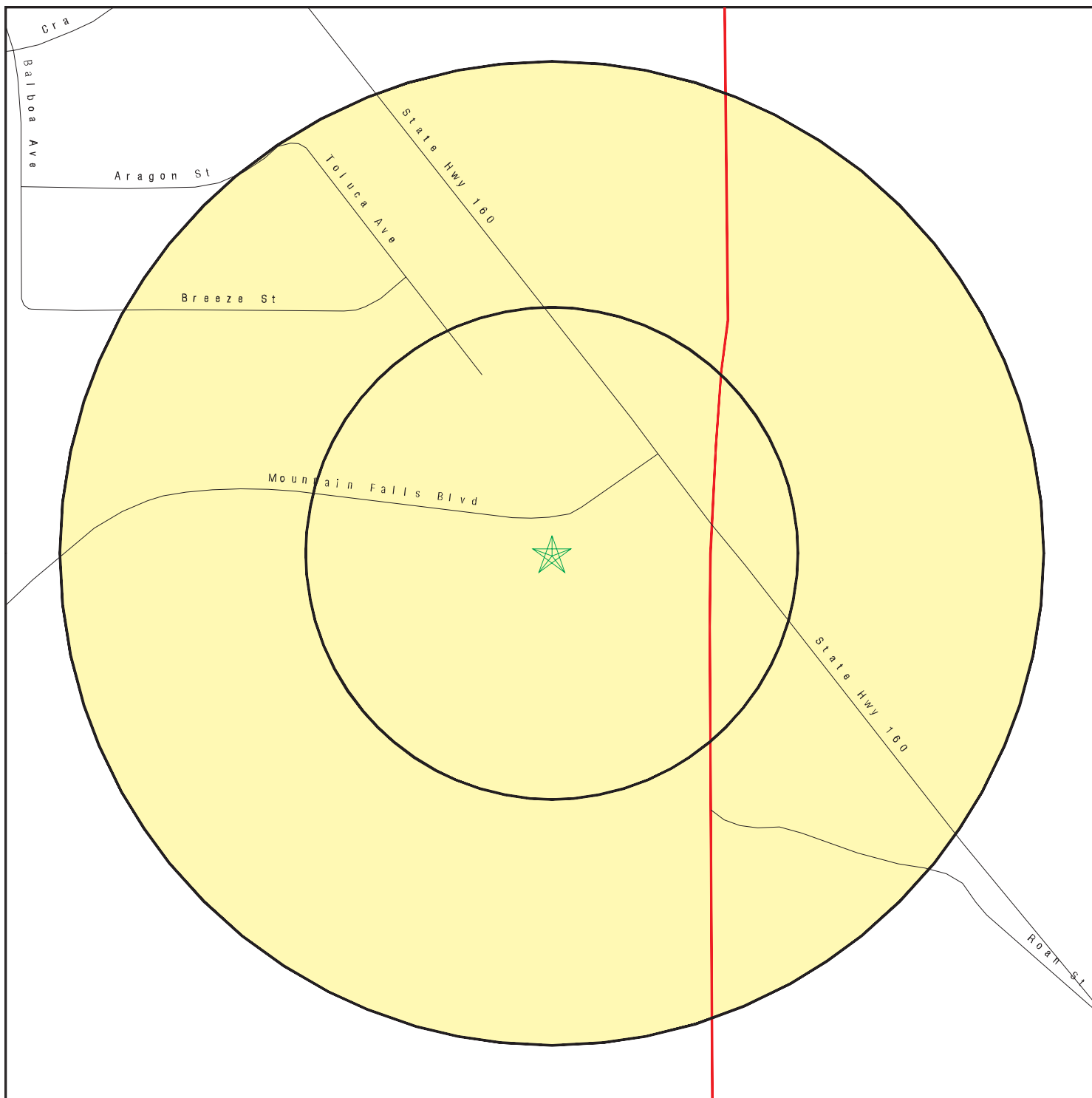
- 0 1/4 1/2 1 Miles
- ☒ Indian Reservations BIA
- ↯ County Boundary
- ⚡ Power transmission lines
- ↯ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▧ 500-year flood zone

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: Mt. Falls Gateway
 ADDRESS: 4450 South Nevada Highway 160
 Pahrump NV 89061
 LAT/LONG: 36.1542 / 115.8997

CLIENT: BEC Environmental, Inc.
 CONTACT: Brian Loffman
 INQUIRY #: 3292098.2s
 DATE: March 28, 2012 7:58 pm

DETAIL MAP - 3292098.2s



- ★ 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

- 0 1/16 1/8 1/4 Miles
- Indian Reservations BIA
- County Boundary
- 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: Mt. Falls Gateway
 ADDRESS: 4450 South Nevada Highway 160
 Pahrump NV 89061
 LAT/LONG: 36.1542 / 115.8997

CLIENT: BEC Environmental, Inc.
 CONTACT: Brian Loffman
 INQUIRY #: 3292098.2s
 DATE: March 28, 2012 7:59 pm

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	1.000		0	0	0	0	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
<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								
VCP	0.500		0	0	0	NR	NR	0
INDIAN 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
LUCIS	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	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	0	NR	0
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
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

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
PADS	TP		NR	NR	NR	NR	NR	0
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
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
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
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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

NO SITES FOUND

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LAS VEGAS	1000638936	US AVESTOR LLC	11101 US HWY 93 N	89124	FINDS,RCRA-NLR
PAHRUMP	1000833218	VALLEY ELECTRIC ASSOC	800 E HWY 372	89048	PADS,FINDS,RCRA-CESQG
LAS VEGAS	1000911881	USDA FOREST SERVICE KYLE CANYON	MILEPOST 3 HWY 157 18 MI W OF	89124	FINDS,RCRA-NLR
APEX	1004755435	NV ENERGY CHUCK LENZIE STATION	11405 U S HWY 93 NO	89124	RCRA-CESQG
MT CHARLESTON	1008381638	MT CHARLESTON WATER COMPANY	WATER UTILITY SERVICES	89124	FINDS
PAHRUMP	1008382414	MOUNTAIN FALLS WATER SYSTEM UICN	MOUNTAIN FALLS WATER	89048	FINDS
PAHRUMP	1011863359	BLACKJACK FIREWORKS LLC	4551 S HIGHWAY 160	89048	RCRA-NLR
PAHRUMP	1014805766	MOUNTAIN FALLS	MOUNTAIN FALLS	89061	FINDS
	M200000074	RIO TINTO / KINROSS	ROUND MOUNTAIN MINE		MINES
MT. CHARLESTON	S103877639	LEE CANYON FIRE STATION	STATE ROUTE 156		HWS
CACTUS SPRINGS	S103877695	CACTUS SPRINGS TRUCK STOP	99997 TONOPAH HIGHWAY	89124	HWS
MOUNTAIN SPRINGS	S106514230	NEVADA DEPARTMENT OF TRANSPORTATIO	STATE ROUTE 160 @ MILEPOST 21.	89124	HWS
PAHRUMP	S108250266	NYE COUNTY MAINTENANCE YARD	STATE ROUTE 160 @ BOOTHILL DRI		HWS
PAHRUMP	S108250292	PREFERRED EQUITIES	220 STATE ROUTE 160 AND 372		HWS
	S109521878	LOBO, INC. ACCIDENT	U.S. HIGHWAY 95 NEAR MILE MARK		HWS
	S109521957	SONNENBURG MOBILE SOURCE	U.S. HIGHWAY 95 NEAR MILE MARK		HWS
	S109943996	NEVADA DEPARTMENT OF TRANSPORTATIO	U.S. HIGHWAY 95 - 6 MILES SOUT		HWS
PAHRUMP	S111243478	WALMART - PARKING LOT BINS (24/7)	300 S HWY 160		SWRCY
PAHRUMP	S111335427	E & R TRANSPORT MOBILE SOURCE	STATE ROUTE 160 @ MILE MARKER		HWS
PAHRUMP	U004161431	GREEN VALLEY GROCERY #22	51 E HIGHWAY 372	89048	UST

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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 02/27/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/23/2012
	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: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 02/27/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/18/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 10/12/2011	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 12/27/2011	Telephone: 775-687-5872
Date Made Active in Reports: 01/11/2012	Last EDR Contact: 03/28/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Varies

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

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: 01/17/2012	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 03/07/2012	Telephone: 775-687-5872
Date Made Active in Reports: 03/26/2012	Last EDR Contact: 03/07/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2011	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 12/27/2011	Telephone: 775-687-5872
Date Made Active in Reports: 01/11/2012	Last EDR Contact: 03/28/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/09/2012
	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: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Semi-Annually

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/14/2012
	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: 12/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/07/2011	Telephone: 415-972-3372
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

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	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/14/2012
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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: 10/12/2011
Date Data Arrived at EDR: 12/27/2011
Date Made Active in Reports: 01/11/2012
Number of Days to Update: 15

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 01/10/2000
Date Data Arrived at EDR: 01/11/2000
Date Made Active in Reports: 02/16/2000
Number of Days to Update: 36

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

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: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

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).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 12/30/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
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.

Date of Government Version: 10/12/2011
Date Data Arrived at EDR: 12/27/2011
Date Made Active in Reports: 01/11/2012
Number of Days to Update: 15

Source: Division of Environmental Protection
Telephone: 775-687-9384
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

SWRCY: Recycling Information Listing

A listing of recycling facilities in Nevada.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 03/26/2012
Number of Days to Update: 31

Source: Department of Environmental Protection
Telephone: 775-687-9463
Last EDR Contact: 02/22/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
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: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	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: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/14/2012
	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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/20/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/04/2012
	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: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

Other Ascertainable Records

RCRA-NonGen: 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: 11/10/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2012	Telephone: (415) 495-8895
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 01/05/2012
Number of Days to Update: 67	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
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: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/07/2012
Next Scheduled EDR Contact: 06/18/2012
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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 01/12/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/23/2012
	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: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/13/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/25/2012
	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

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: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/27/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Biennially

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 12/29/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/30/2011	Telephone: 775-687-9414
Date Made Active in Reports: 01/11/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2011
Date Data Arrived at EDR: 03/31/2011
Date Made Active in Reports: 05/13/2011
Number of Days to Update: 43

Source: Division of Environmental Protection
Telephone: 775-687-9359
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
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
Date Data Arrived at EDR: 08/05/2008
Date Made Active in Reports: 08/13/2008
Number of Days to Update: 8

Source: State Emergency Response Commission
Telephone: 775-687-6973
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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.

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: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
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: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered 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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/03/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE: 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: 03/26/2012
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/09/2012
	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: 03/16/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information

Solid waste facility financial assurance information.

Date of Government Version: 01/25/2012	Source: Division of Environmental Protection
Date Data Arrived at EDR: 01/31/2012	Telephone: 775-687-9477
Date Made Active in Reports: 02/07/2012	Last EDR Contact: 01/26/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/07/2012
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash plants.

Date of Government Version: 03/16/2011	Source: Division of Environmental Protection
Date Data Arrived at EDR: 03/18/2011	Telephone: 775-687-9477
Date Made Active in Reports: 05/06/2011	Last EDR Contact: 03/19/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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

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: 12/27/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 32

Source: Washoe County Department of Environmental Health
Telephone: 775-328-2493
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
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: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and 2005 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.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MT. FALLS GATEWAY
4450 SOUTH NEVADA HIGHWAY 160
PAHRUMP, NV 89061

TARGET PROPERTY COORDINATES

Latitude (North):	36.1542 - 36° 9' 15.12"
Longitude (West):	115.8997 - 115° 53' 58.92"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	598978.2
UTM Y (Meters):	4001411.5
Elevation:	2803 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36115-B8 PAHRUMP, NV
Most Recent Revision:	1984

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).

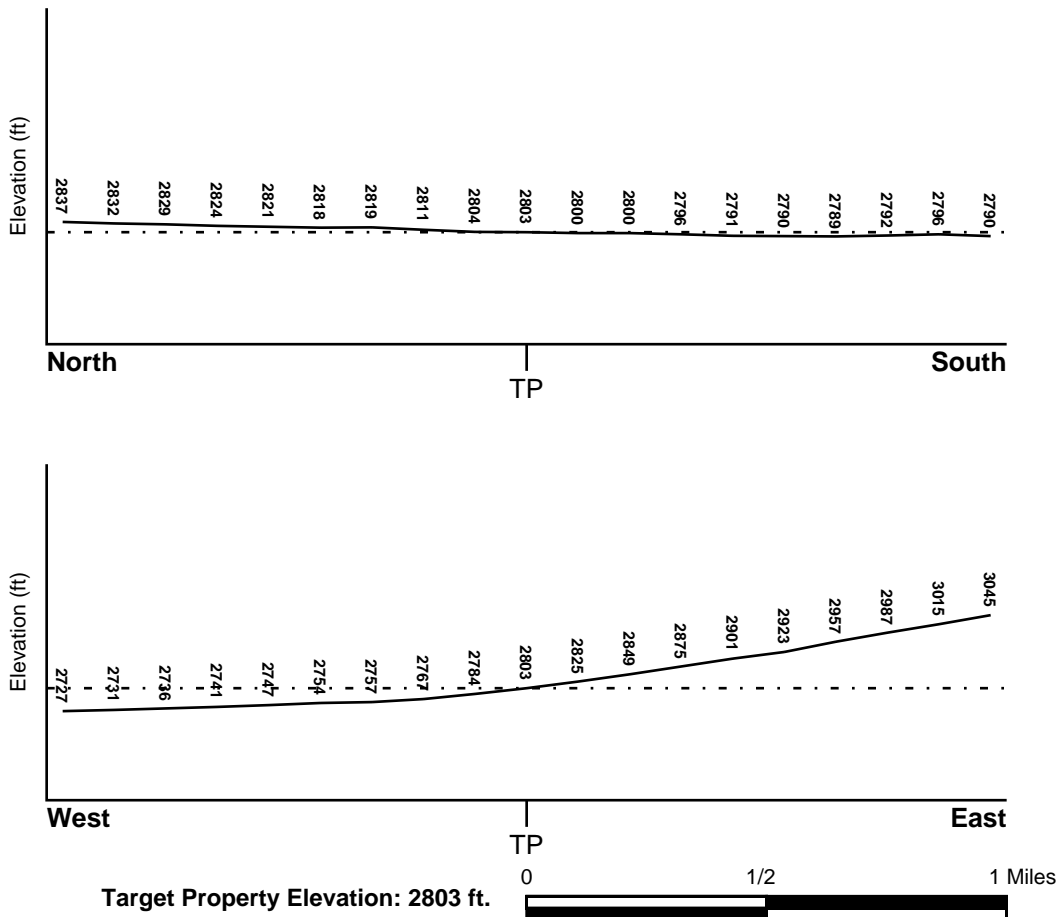
TOPOGRAPHIC INFORMATION

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 West

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:	32003C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

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

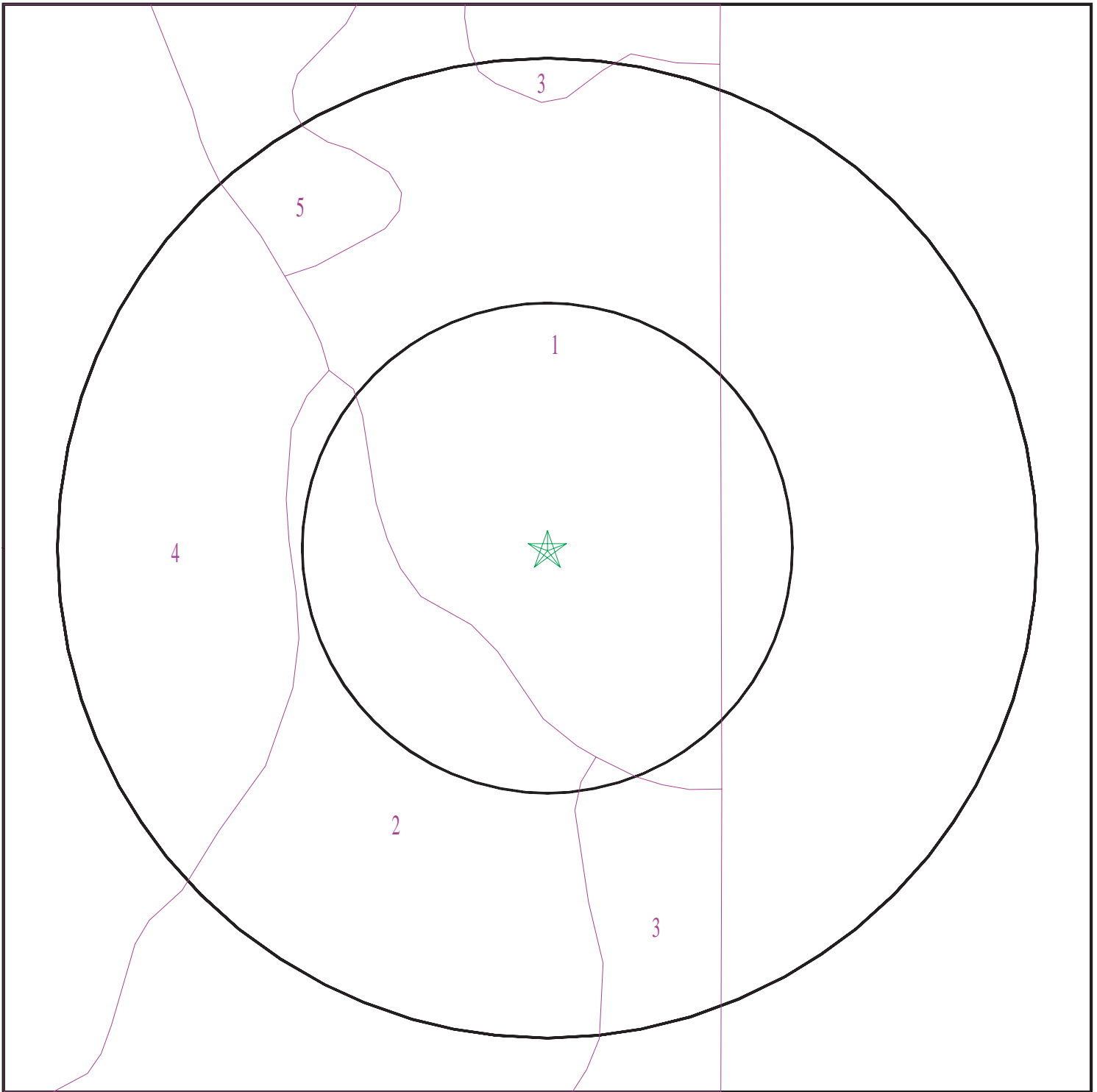
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

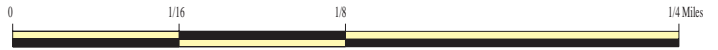
Category: Stratified Sequence

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 - 3292098.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Mt. Falls Gateway
ADDRESS: 4450 South Nevada Highway 160
Pahrump NV 89061
LAT/LONG: 36.1542 / 115.8997

CLIENT: BEC Environmental, Inc.
CONTACT: Brian Loffman
INQUIRY #: 3292098.2s
DATE: March 28, 2012 7:59 pm

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: Corbilt

Soil Surface Texture: gravelly loamy fine sand

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 loamy fine sand	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: 9.6 Min: 7.9
2	3 inches	59 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: 9.6 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Yermo

Soil Surface Texture: very 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	5 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 7.9
2	5 inches	59 inches	stratified extremely gravelly sandy loam to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: Commski

Soil Surface Texture: very 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: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	5 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 14 Min: 4	Max: 9 Min: 7.9
2	5 inches	14 inches	extremely gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 14 Min: 4	Max: 9 Min: 7.9
3	14 inches	59 inches	extremely gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 14 Min: 4	Max: 9 Min: 7.9

Soil Map ID: 4

Soil Component Name: Haymont

Soil Surface Texture: very 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: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9
2	3 inches	40 inches	stratified very fine sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9
3	40 inches	59 inches	stratified fine sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9

Soil Map ID: 5

Soil Component Name: Pahrump

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	1 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5
2	1 inches	16 inches	stratified very fine sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5
3	16 inches	42 inches	stratified very gravelly silt loam to very gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5
4	42 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
12	USGS3099571	1/8 - 1/4 Mile East
15	USGS3099575	1/8 - 1/4 Mile WNW
16	USGS3099574	1/4 - 1/2 Mile WNW
D19	USGS3099546	1/4 - 1/2 Mile SE
48	USGS3099511	1/2 - 1 Mile SE
52	USGS3099508	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

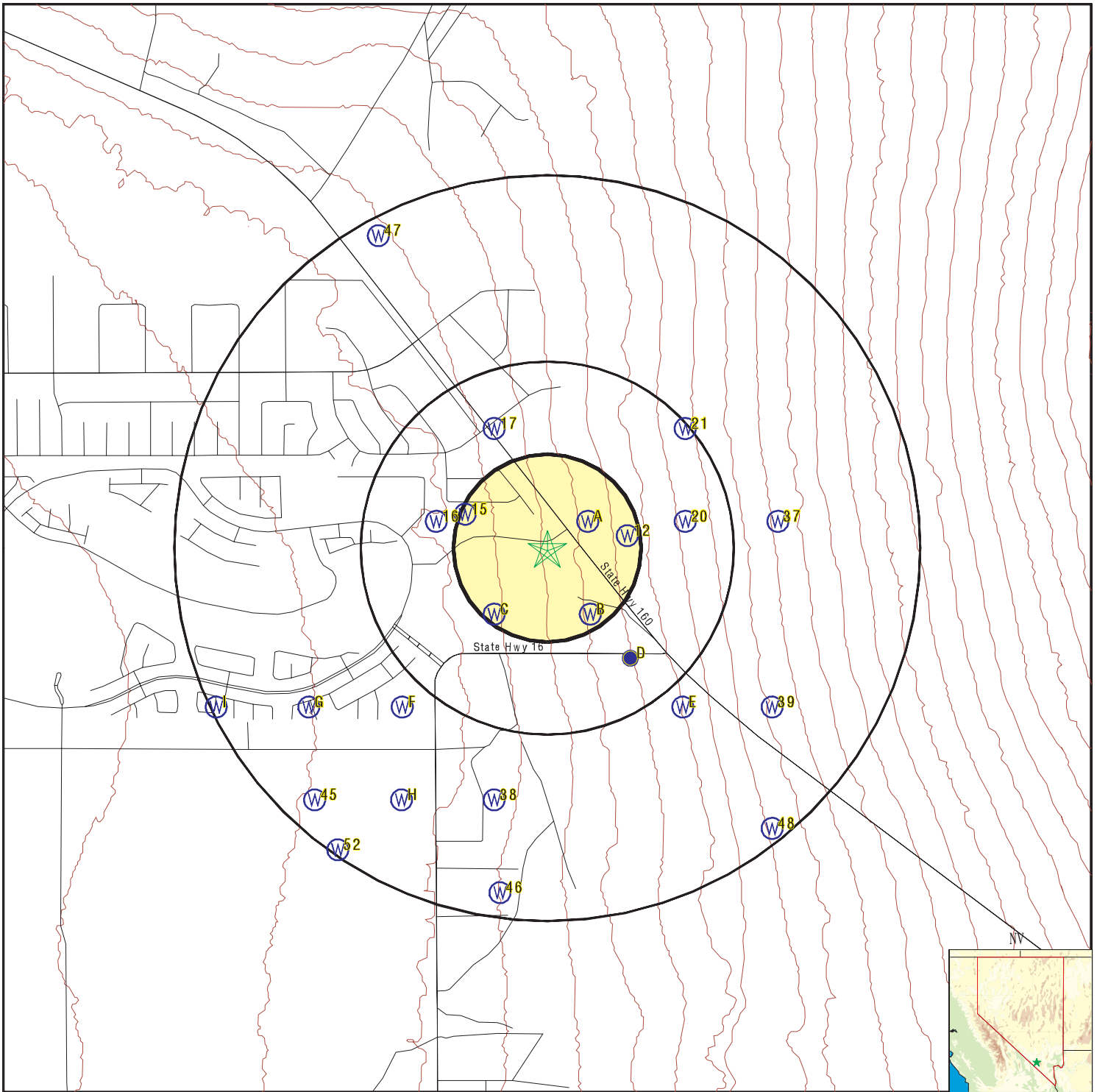
MAP ID	WELL ID	LOCATION FROM TP
A1	NV4000000022296	1/8 - 1/4 Mile NE
A2	NV4000000022295	1/8 - 1/4 Mile NE
A3	NV4000000022297	1/8 - 1/4 Mile NE
A4	NV4000000022299	1/8 - 1/4 Mile NE
A5	NV4000000022298	1/8 - 1/4 Mile NE
A6	NV4000000022300	1/8 - 1/4 Mile ENE
B7	NV4000000021698	1/8 - 1/4 Mile SSE
B8	NV4000000021699	1/8 - 1/4 Mile SSE
B9	NV4000000021703	1/8 - 1/4 Mile SE
B10	NV4000000021700	1/8 - 1/4 Mile SE
B11	NV4000000021701	1/8 - 1/4 Mile SE
C13	NV4000000021696	1/8 - 1/4 Mile SW
C14	NV4000000021697	1/8 - 1/4 Mile SW
17	NV4000000023049	1/4 - 1/2 Mile NNW
D18	NV4000000021673	1/4 - 1/2 Mile SE
20	NV4000000022301	1/4 - 1/2 Mile East
21	NV4000000023050	1/4 - 1/2 Mile NE
E22	NV4000000021329	1/2 - 1 Mile SE
E23	NV4000000021330	1/2 - 1 Mile SE
E24	NV4000000021328	1/2 - 1 Mile SE
E25	NV4000000021332	1/2 - 1 Mile SE
E26	NV4000000021331	1/2 - 1 Mile SE
E27	NV4000000021334	1/2 - 1 Mile SE
E28	NV4000000021333	1/2 - 1 Mile SE
F29	NV4000000021327	1/2 - 1 Mile SW
F30	NV4000000021322	1/2 - 1 Mile SW
F31	NV4000000021321	1/2 - 1 Mile SW
F32	NV4000000021320	1/2 - 1 Mile SW
F33	NV4000000021323	1/2 - 1 Mile SW
F34	NV4000000021326	1/2 - 1 Mile SW
F35	NV4000000021325	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

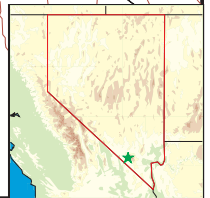
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
F36	NV4000000021324	1/2 - 1 Mile SW
37	NV4000000022302	1/2 - 1 Mile East
38	NV4000000020661	1/2 - 1 Mile SSW
39	NV4000000021335	1/2 - 1 Mile SE
G40	NV4000000021317	1/2 - 1 Mile WSW
G41	NV4000000021318	1/2 - 1 Mile WSW
G42	NV4000000021319	1/2 - 1 Mile WSW
H43	NV4000000020659	1/2 - 1 Mile SSW
H44	NV4000000020660	1/2 - 1 Mile SSW
45	NV4000000020658	1/2 - 1 Mile SW
46	NV4000000019926	1/2 - 1 Mile South
47	NV4000000024861	1/2 - 1 Mile NNW
I49	NV4000000021314	1/2 - 1 Mile WSW
I50	NV4000000021315	1/2 - 1 Mile WSW
I51	NV4000000021316	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 3292098.2s



- County Boundary
- Major Roads
- Contour Lines
- 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: Mt. Falls Gateway
 ADDRESS: 4450 South Nevada Highway 160
 Pahrump NV 89061
 LAT/LONG: 36.1542 / 115.8997

CLIENT: BEC Environmental, Inc.
 CONTACT: Brian Loffman
 INQUIRY #: 3292098.2s
 DATE: March 28, 2012 7:59 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NE
1/8 - 1/4 Mile
Higher

NV WELLS NV4000000022296

Well log:	4508	App:	10571
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/06/1949	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CORNELL, HAROLD D		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/23/1940	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	720	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	586
Csng diame:	16		
Csng reduc:	1	Top perf:	300
Bottom per:	520	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	8	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	08/13/1996
Edit statu:	F	Well start:	08/12/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022296		

A2
NE
1/8 - 1/4 Mile
Higher

NV WELLS NV4000000022295

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	1093	App:	12547
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/06/1949	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, E S		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/14/1949	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	730	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	228
Csng diame:	14		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	08/13/1996
Edit statu:	F	Well start:	04/24/1949
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022295		

**A3
NE
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000022297

Well log:	11018	App:	10571
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/07/1970	Date log 1:	D
Site type:	N	Work type:	S
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, MURTON		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/11/1970	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	450	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	450
Csng diame:	16		
Csng reduc:	1	Top perf:	60
Bottom per:	450	Perf inter:	1
Static wl:	43		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7479A		
Contract 1:	FLOYDS CONSTRUCTION		
Contract 2:	PO BOX 157 PAHRUMP NV		
Contract 3:	0		
Driller li:	476	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	Not Reported	Date updat:	08/13/1996
Edit statu:	F	Well start:	08/26/1969
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022297		

**A4
NE
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000022299

Well log:	62096	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1971	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, E S		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/02/1962	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	330	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	90
Csng diame:	12.75		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	52		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	4509		
Contract 1:	STANLEY FORD		
Contract 2:	STAR RTE BOX 5430 PAHRUMP NV		
Contract 3:	0		
Driller li:	47	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	user15	Date updat:	04/29/1997
Edit statu:	F	Well start:	10/10/1961
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022299		

**A5
NE
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000022298

Well log:	11478	App:	10571
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1971	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, MURTON		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/10/1971	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	652	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	652
Csng diame:	16		
Csng reduc:	2	Top perf:	60
Bottom per:	652	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	1800		
Drawdown:	180		
Hours pump:	24		
Test metho:	U	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	07/24/1996
Contractor:	7479A	Date updat:	08/13/1996
Contract 1:	FLOYDS CONSTRUCTION	Well start:	06/11/1970
Contract 2:	PO BOX 157 PAHRUMP NV	Gravel p 2:	0
Contract 3:	0		
Driller li:	476		
User id:	DBRANTLEY		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022298		

**A6
ENE
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000022300

Well log:	12037	App:	11571
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1971	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	Z	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CORNELL, HAROLD		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/30/1940	Date cmplt:	M
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	720	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	COMPLETE LOG IN PERMIT 10571		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	J N LARD MOSS CO		
Contract 2:	4360 WORTH ST LOS ANGELES CA		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	MTHORSON	Date entry:	07/12/2005
Update use:	AMORI	Date updat:	10/27/2005
Edit statu:	F	Well start:	08/01/1940
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599249.751419
 Utm y: 4001534.17864
 Site id: NV400000022300

B7
SSE
1/8 - 1/4 Mile
Higher

NV WELLS NV400000021698

Well log:	12038	App:	10572
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/10/1980	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CORNELL, H D		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/22/1941	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	730	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	574
Csng diame:	20		
Csng reduc:	1	Top perf:	500
Bottom per:	560	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	08/13/1996
Edit statu:	F	Well start:	11/18/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599229.312991		
Utm y:	4001133.34672		
Site id:	NV400000021698		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B8
SSE
1/8 - 1/4 Mile
Higher

NV WELLS NV4000000021699

Well log:	26905	App:	Not Reported
Notice of :	2012	Waiver no:	Not Reported
Date log r:	03/10/1980	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	NYBERG, CHARLES		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/15/1985	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	274	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	274
Csng diame:	8		
Csng reduc:	0	Top perf:	200
Bottom per:	274	Perf inter:	1
Static wl:	72		
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	B	Qual const:	Not Reported
Qual lith :	Not Reported		
Remarks ad:	Not Reported		
Contractor:	7484		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	STAR RTE BOX 36525 PAHRUMP NV		
Contract 3:	725		
Driller li:	725	Source age:	NV003
User id:	Not Reported	Date entry:	07/24/1996
Update use:	Not Reported	Date updat:	08/13/1996
Edit statu:	F	Well start:	11/18/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599229.312991		
Utm y:	4001133.34672		
Site id:	NV4000000021699		

B9
SE
1/8 - 1/4 Mile
Higher

NV WELLS NV4000000021703

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	62100	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1980	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, LYLE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/20/1962	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	155	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	155
Csng diame:	8		
Csng reduc:	0	Top perf:	81
Bottom per:	155	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	3		
Drawdown:	0		
Hours pump:	0		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	4509		
Contract 1:	STANLEY FORD		
Contract 2:	STAR RTE BOX 5430 PAHRUMP NV		
Contract 3:	0		
Driller li:	47	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	MSIVAZLIAN	Date updat:	02/23/2009
Edit statu:	F	Well start:	01/06/1962
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599254.226851		
Utm y:	4001133.83852		
Site id:	NV4000000021703		

**B10
SE
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000021700

Well log:	62094	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	ANDERSON, L O		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/11/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	342	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	342
Csng diame:	8		
Csng reduc:	0	Top perf:	140
Bottom per:	342	Perf inter:	1
Static wl:	59		
Temperatur:	0		
Yield:	40		
Drawdown:	115		
Hours pump:	12		
Test metho:	P	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	DBRANTLEY	Date updat:	12/23/2004
Edit statu:	F	Well start:	07/29/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599254.302434		
Utm y:	4001133.63061		
Site id:	NV4000000021700		

**B11
SE
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000021701

Well log:	62102	App:	19030
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1980	Date log 1:	Not Reported
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, EDGAR		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/19/1972	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	250	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	250
Csng diame:	8		
Csng reduc:	0	Top perf:	160
Bottom per:	250	Perf inter:	1
Static wl:	77		
Temperatur:	0		
Yield:	10		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	BOX 807 B PAHRUMP NV		
Contract 3:	0		
Driller li:	418	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	DBRANTLEY	Date updat:	12/23/2004
Edit statu:	F	Well start:	08/16/1972
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599254.302434		
Utm y:	4001133.63061		
Site id:	NV4000000021701		

**12
East
1/8 - 1/4 Mile
Higher**

FED USGS USGS3099571

Agency cd:	USGS	Site no:	360917115534201
Site name:	162 S20 E54 03ACB 1		
Latitude:	360917	EDR Site id:	USGS3099571
Longitude:	1155342	Dec lat:	36.15468536
Dec lon:	-115.89585542	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	NWSWNES03 T20S R54E M
Location map:	PAHRUMP, NV	Map scale:	24000
Altitude:	2840.		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1994-08-13
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1985-06-27
 Water quality data count: 2
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

C13
SW
1/8 - 1/4 Mile
Lower

NV WELLS NV4000000021696

Well log:	41539	App:	66920
Notice of :	10860	Waiver no:	Not Reported
Date log r:	06/29/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, WADE		
Owner addr:	CASS RD		
Owner no:	Not Reported		
Parcel no:	45-011-04	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/11/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	140	Perf inter:	1
Static wl:	47		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	KLOHAIR	Date entry:	02/20/1997
Update use:	DBRANTLEY	Date updat:	12/23/2004
Edit statu:	F	Well start:	10/15/1989
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 598829.482011
 Utm y: 4001128.81435
 Site id: NV4000000021696

**C14
 SW
 1/8 - 1/4 Mile
 Lower**

NV WELLS NV4000000021697

Well log:	62095	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/10/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	AUSTIN, TOM		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/04/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8		
Csng reduc:	0	Top perf:	80
Bottom per:	160	Perf inter:	1
Static wl:	45		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	12/23/2004
Edit statu:	F	Well start:	03/01/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598829.482011		
Utm y:	4001128.81435		
Site id:	NV4000000021697		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

15
WNW
1/8 - 1/4 Mile
Lower

FED USGS USGS3099575

Agency cd:	USGS	Site no:	360920115541001
Site name:	162 S21 E54 03ADC 1 Spring	EDR Site id:	USGS3099575
Latitude:	360920	Dec lat:	36.1555186
Longitude:	1155410	Coor meth:	M
Dec lon:	-115.90363342	Latlong datum:	NAD27
Coor accr:	U	District:	32
Dec latlong datum:	NAD83	County:	023
State:	32	Land net:	SWSENES03 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		
Altitude:	2780.		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIAL FAN DEPOSITS		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

16
WNW
1/4 - 1/2 Mile
Lower

FED USGS USGS3099574

Agency cd:	USGS	Site no:	360919115541501
Site name:	162 S21 E54 03BCB 1 Manse Spring	EDR Site id:	USGS3099574
Latitude:	360919	Dec lat:	36.15524082
Longitude:	1155415	Coor meth:	M
Dec lon:	-115.90502234	Latlong datum:	NAD27
Coor accr:	S	District:	32
Dec latlong datum:	NAD83	County:	023
State:	32	Land net:	NWSWNWS03 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	2760.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	162		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
NNW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000023049

Well log:	84259	App:	65744
Notice of :	22405	Waiver no:	Not Reported
Date log r:	09/24/2001	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	C	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	JOHNSON, ELMER		
Owner addr:	4141 S FRONTAGE RD		
Owner no:	Not Reported		
Parcel no:	37-283-10	Subdivisio:	CALVADA VALLEY
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/03/2001	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	315	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	315
Csng diame:	6.625		
Csng reduc:	0	Top perf:	120
Bottom per:	315	Perf inter:	4
Static wl:	120		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	10/24/2001
Contractor:	47333	Date updat:	09/15/2004
Contract 1:	GREAT BASIN DRILLING CO	Well start:	08/02/2001
Contract 2:	P O BOX 4220 PAHRUMP NV 89041	Gravel p 2:	315
Contract 3:	0		
Driller li:	1642		
User id:	DBRANTLEY		
Update use:	DBRANTLEY		
Edit statu:	F		
Gravel p 1:	50		
Utm x:	598820.418559		
Utm y:	4001929.91027		
Site id:	NV4000000023049		

**D18
SE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000021673

Well log:	105036	App:	22735
Notice of :	32659	Waiver no:	Not Reported
Date log r:	03/05/2008	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV037
Lat long a:	H		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	SW CRNR HWY 160 & CAAS RD		
Owner no:	Not Reported		
Parcel no:	47-021-21	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/08/2008	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	720	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	720
Csng diame:	16		
Csng reduc:	0	Top perf:	300
Bottom per:	702	Perf inter:	1
Static wl:	19		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	04/22/2008
Update use:	RCLARK	Date updat:	04/25/2008
Edit statu:	F	Well start:	02/04/2008
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599406.98841
 Utm y: 4000941.1559
 Site id: NV4000000021673

D19
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS3099546

Agency cd:	USGS	Site no:	360900115534101
Site name:	162 S21 E54 03DCBB1	EDR Site id:	USGS3099546
Latitude:	360900	Dec lat:	36.14996326
Longitude:	1155341	Coor meth:	M
Dec lon:	-115.89557751	Latlong datum:	NAD27
Coor accr:	S	District:	32
Dec latlong datum:	NAD83	County:	003
State:	32	Country:	US
Country:	US	Land net:	NWSWSES03 T21S R54E M
Location map:	PAHRUMP, NV	Map scale:	24000
Altitude:	2893.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	16.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390824
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	970.	Hole depth:	970.
Source of depth data:	driller		
Project number:	473221746		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1949-02-22	Ground water data end date:	1974-10-24
Ground water data count:	29		

Ground-water levels, Number of Measurements: 29

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel

1974-10-24					
	Note: The site was being pumped.				
1974-07-24					
	Note: The site was being pumped.				
1974-03-14					
	Note: The site was being pumped.				
1973-11-21					
	Note: The site was being pumped.				
1973-05-22	88.24				
1973-01-31					
	Note: The site was being pumped.				
1972-10-12					
	Note: The site was being pumped.				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-06-08					
Note: The site was being pumped.					
1972-03-21	89.00				
Note: The site was being pumped.					
1971-12-02	34.76		1971-08-16	87.95	
1971-03-10					
Note: The site was being pumped.					
1970-12-09	35.40				
1970-08-18	83.25				
Note: The site was being pumped.					
1970-04-10	76.40				
Note: The site was being pumped.					
1969-12-17	68.12				
Note: The site was being pumped.					
1969-08-21	73.00				
Note: The site was being pumped.					
1969-03-20	65.20				
1968-11-19					
Note: The site was being pumped.					
1968-08-20					
Note: The site was being pumped.					
1968-04-18					
Note: The site was being pumped.					
1968-01-16	21.00				
1967-10-17					
Note: The site was being pumped.					
1967-07-18					
Note: The site was being pumped.					
1967-04-11					
Note: The site was being pumped.					
1967-01-19					
Note: The site was being pumped.					
1966-10-13	21.40				
1950-02-15					
Note: The measurement was discontinued.					
1949-02-22	19.70				

**20
East
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000022301

Well log:	97752	App:	10599
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/30/1944	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	KELLOGG, LOIS		
Owner addr:	Not Reported		
Owner no:	24		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/26/1941	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	737	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	654
Csng diame:	18		
Csng reduc:	1	Top perf:	300
Bottom per:	630	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	WELL FLOWING AT 100 GPM		
Remarks ad:	Not Reported		
Contractor:	0		
Contract 1:	ROSCOE MOSS CO		
Contract 2:	4360 WORTH ST, L.A., CA		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	AMORI	Date entry:	12/08/2005
Update use:	AMORI	Date updat:	12/08/2005
Edit statu:	F	Well start:	11/18/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599649.564256		
Utm y:	4001538.73065		
Site id:	NV4000000022301		

**21
NE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000023050

Well log:	87569	App:	68801
Notice of :	24452	Waiver no:	Not Reported
Date log r:	01/27/2003	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AB

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	NW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	WULFENSTEIN, RAY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	47-021-01	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/17/2003	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	380	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	380
Csng diame:	8.625		
Csng reduc:	0	Top perf:	220
Bottom per:	380	Perf inter:	2
Static wl:	50		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/27/2003
Update use:	Not Reported	Date updat:	09/15/2004
Edit statu:	F	Well start:	01/16/2003
Gravel p 1:	50	Gravel p 2:	380
Utm x:	599644.994505		
Utm y:	4001939.27911		
Site id:	NV4000000023050		

**E22
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021329

Well log:	62099	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/04/1974	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, PERRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/19/1974	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	120
Bottom per:	300	Perf inter:	1
Static wl:	72		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	BOX 807 B PAHRUMP NV		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	08/02/1996
Edit statu:	F	Well start:	01/15/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599633.711966		
Utm y:	4000737.34943		
Site id:	NV4000000021329		

**E23
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021330

Well log:	62106	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	01/06/1981	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CROWTHER, BRENT		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/28/1980	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	297	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	297
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	297	Perf inter:	1
Static wl:	90		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	16521	Date updat:	08/02/1996
Contract 1:	C B CAPEHART	Well start:	11/20/1980
Contract 2:	4425 STACEY AVE LAS VEGAS NV	Gravel p 2:	197
Contract 3:	0		
Driller li:	1085		
User id:	KCOON		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	50		
Utm x:	599633.711966		
Utm y:	4000737.34943		
Site id:	NV4000000021330		

**E24
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021328

Well log:	35691	App:	Not Reported
Notice of :	8031	Waiver no:	Not Reported
Date log r:	10/29/1991	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, PERRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	410-590-014	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/23/1991	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	184		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	1462		
Driller li:	1642	Source age:	NV003
User id:	RJMATHIS	Date entry:	01/09/2007
Update use:	user15	Date updat:	08/02/1996
Edit statu:	F	Well start:	11/03/2006
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599633.711966
 Utm y: 4000737.34943
 Site id: NV4000000021328

**E25
 SE
 1/2 - 1 Mile
 Higher**

NV WELLS NV4000000021332

Well log:	101783	App:	41167
Notice of :	30133	Waiver no:	Not Reported
Date log r:	12/08/2006	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	6650 E MANSE		
Owner no:	Not Reported		
Parcel no:	47-021-17	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/06/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	760	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	760
Csng diame:	16		
Csng reduc:	2	Top perf:	83
Bottom per:	760	Perf inter:	2
Static wl:	34		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	12/27/2006
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	07/06/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599658.702565		
Utm y:	4000737.63444		
Site id:	NV4000000021332		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E26
SE
1/2 - 1 Mile
Higher

NV WELLS NV4000000021331

Well log:	62097	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/20/1981	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, MARK		
Owner addr:	CAAS RD & HWY 162 PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/19/1981	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	300	Perf inter:	1
Static wl:	95		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	16521		
Contract 1:	C B CAPEHART		
Contract 2:	4425 STACEY AVE LAS VEGAS NV		
Contract 3:	0		
Driller li:	1081	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	DBRANTLEY	Date updat:	10/19/2003
Edit statu:	F	Well start:	07/06/1981
Gravel p 1:	50	Gravel p 2:	300
Utm x:	599658.702565		
Utm y:	4000737.63444		
Site id:	NV4000000021331		

E27
SE
1/2 - 1 Mile
Higher

NV WELLS NV4000000021334

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	102521	App:	22735
Notice of :	30496	Waiver no:	Not Reported
Date log r:	03/28/2007	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	SW CRNR 160 & CAAS RD		
Owner no:	Not Reported		
Parcel no:	47-021-21	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/17/2007	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	DBRANTLEY	Date entry:	04/12/2007
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	02/26/2007
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599658.702565		
Utm y:	4000737.63444		
Site id:	NV4000000021334		

E28
SE
1/2 - 1 Mile
Higher

NV WELLS NV4000000021333

Well log:	101957	App:	10600
Notice of :	30134	Waiver no:	Not Reported
Date log r:	12/14/2006	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	SE CRNR HWY 160 & CAAS		
Owner no:	Not Reported		
Parcel no:	41-021-021	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/23/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	16		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	ADD 13 FT OF CASING TO BRING WELL UP TO GROUND LEVEL		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	01/08/2007
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	08/09/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599658.702565		
Utm y:	4000737.63444		
Site id:	NV4000000021333		

F29
SW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021327

Well log:	101972	App:	71148
Notice of :	30192	Waiver no:	Not Reported
Date log r:	12/19/2006	Date log 1:	D
Site type:	N	Work type:	S
Work type :	Not Reported		
Proposed u:	C	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	SULLIVAN, MICHAEL		
Owner addr:	5170 E MANSE		
Owner no:	Not Reported		
Parcel no:	45-031-15	Subdivisio:	CHRISTENSEN ROS
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/03/2006	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	6.62		
Csng reduc:	0	Top perf:	160
Bottom per:	200	Perf inter:	1
Static wl:	58		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	40277		
Contract 1:	STRICKLAND CONSTRUCTION CO INC		
Contract 2:	5801 S HOMESTEAD RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	2086	Source age:	NV003
User id:	SGARDELLA	Date entry:	01/09/2007
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	11/03/2006
Gravel p 1:	50	Gravel p 2:	200
Utm x:	598459.154577		
Utm y:	4000724.03443		
Site id:	NV4000000021327		

**F30
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021322

Well log:	62110	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/26/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHARBONNEAU, ROGER		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/23/1977	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	40		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	07/19/1977
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021322		

**F31
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021321

Well log:	62109	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/14/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BARRY, ANTHONY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/07/1977	Date cmlpt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	42		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	7484A	Date updat:	07/01/1998
Contract 1:	CHARLES NYBERG WELL DRILLING	Well start:	03/05/1977
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048	Gravel p 2:	0
Contract 3:	0		
Driller li:	725		
User id:	KCOON		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021321		

**F32
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021320

Well log:	40520	App:	Not Reported
Notice of :	10412	Waiver no:	Not Reported
Date log r:	02/03/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	PELLICIONI, JOE		
Owner addr:	MANSE RD		
Owner no:	Not Reported		
Parcel no:	45-031-08	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/23/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	140	Perf inter:	1
Static wl:	35		
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	17563		
Contract 1:	JIM PIKE WELL DRILLING		
Contract 2:	PO BOX 56 PAHRUMP NV		
Contract 3:	0		
Driller li:	1324	Source age:	NV003
User id:	KLOHAIR	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	04/01/1974
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 598434.164011
 Utm y: 4000723.75285
 Site id: NV4000000021320

F33
SW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021323

Well log:	62119	App:	Not Reported
Notice of :	1733	Waiver no:	Not Reported
Date log r:	07/12/1984	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, LYNN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported		
Lot no:	Not Reported		
Well finis:	06/20/1984	Subdivisio:	Not Reported
Gravel pac:	Y	Block no:	Not Reported
Depth dril:	160	Date cmplt:	D
Aquifer de:	Not Reported	Depth seal:	50
Csng diame:	8	Depth bedr:	0
Csng reduc:	0	Depth case:	160
Bottom per:	160	Top perf:	80
Static wl:	44	Perf inter:	1
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	06/20/1984
Gravel p 1:	50	Gravel p 2:	160
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021323		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F34
SW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021326

Well log:	62128	App:	Not Reported
Notice of :	9041	Waiver no:	Not Reported
Date log r:	01/25/1991	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	SMITH, STUART		
Owner addr:	MANSE RD PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	45-031-08	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/22/1991	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	140	Perf inter:	1
Static wl:	51		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	1426		
Driller li:	1573	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	01/16/1991
Gravel p 1:	50	Gravel p 2:	140
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021326		

F35
SW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021325

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	62126	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/17/1975	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ROGERS, JOHN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/12/1974	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	120	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	120
Csng diame:	8.62		
Csng reduc:	0	Top perf:	80
Bottom per:	120	Perf inter:	1
Static wl:	24		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	50	Gravel p 2:	120
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021325		

**F36
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021324

Well log:	62122	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/28/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FORDE, TERRENCE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/15/1978	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	180	Perf inter:	1
Static wl:	48		
Temperatur:	0		
Yield:	28		
Drawdown:	12		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	03/01/1978
Gravel p 1:	50	Gravel p 2:	180
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021324		

**37
East
1/2 - 1 Mile
Higher**

NV WELLS NV4000000022302

Well log:	100401	App:	Not Reported
Notice of :	30153	Waiver no:	Not Reported
Date log r:	08/04/2006	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	HERNANDEZ, CHARLES		
Owner addr:	5931 E CARTER LN		
Owner no:	Not Reported		
Parcel no:	45-461-62	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/11/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	240	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	240
Csng diame:	6		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	08/21/2006
Update use:	SGARDELLA	Date updat:	12/11/2006
Edit statu:	F	Well start:	07/11/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	600049.377275		
Utm y:	4001543.30097		
Site id:	NV4000000022302		

38
SSW
1/2 - 1 Mile
Lower

NV WELLS NV4000000020661

Well log:	30978	App:	Not Reported
Notice of :	5563	Waiver no:	Not Reported
Date log r:	10/20/1988	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	10	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	GRAMMAR, J A		
Owner addr:	HAFEN RANCH RD PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/21/1988	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	150
Bottom per:	300	Perf inter:	1
Static wl:	65		
Temperatur:	0		
Yield:	31		
Drawdown:	53		
Hours pump:	3		
Test metho:	P	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	06/03/1999
Contractor:	7479A	Date updat:	03/23/1998
Contract 1:	FLOYDS CONSTRUCTION	Well start:	04/05/1999
Contract 2:	P O BOX 157 PAHRUMP NV	Gravel p 2:	0
Contract 3:	1424		
Driller li:	1427		
User id:	NAFLECKS		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	598838.543889		
Utm y:	4000327.71937		
Site id:	NV4000000020661		

**39
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021335

Well log:	62130	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/07/1973	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	TAYLOR, CURLY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/14/1973	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	220
Bottom per:	300	Perf inter:	1
Static wl:	155		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	418	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	07/31/1973
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 600033.561651
 Utm y: 4000741.91823
 Site id: NV4000000021335

G40
WSW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021317

Well log:	29796	App:	Not Reported
Notice of :	5430	Waiver no:	Not Reported
Date log r:	04/11/1988	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	AMSSOMS, PETER		
Owner addr:	MANSE BLVD PAHRUMP NV 89041		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/24/1988	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	140	Perf inter:	1
Static wl:	40		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	22059		
Contract 1:	S & H DRILLING		
Contract 2:	HCR 65 BOX 70906 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	NAFLECKS	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598034.315058		
Utm y:	4000719.25727		
Site id:	NV4000000021317		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G41
WSW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021318

Well log:	42357	App:	Not Reported
Notice of :	11420	Waiver no:	Not Reported
Date log r:	09/10/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ROUSH, LEO		
Owner addr:	5690 E MANSE RD		
Owner no:	Not Reported		
Parcel no:	45-031-07	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/17/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	140	Perf inter:	1
Static wl:	40		
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	17563		
Contract 1:	JIM PIKE WELL DRILLING		
Contract 2:	PO BOX 56 PAHRUMP NV		
Contract 3:	0		
Driller li:	1324	Source age:	NV003
User id:	KLOHAIR	Date entry:	03/05/1997
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598034.315058		
Utm y:	4000719.25727		
Site id:	NV4000000021318		

G42
WSW
1/2 - 1 Mile
Lower

NV WELLS NV4000000021319

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	62111	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/01/1976	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHARBONNEAU, ROGER		
Owner addr:	SUN RANCH RD PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/18/1974	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	120	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	120
Csng diame:	8.62		
Csng reduc:	0	Top perf:	90
Bottom per:	120	Perf inter:	1
Static wl:	38		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	04/01/1974
Gravel p 1:	50	Gravel p 2:	120
Utm x:	598034.315058		
Utm y:	4000719.25727		
Site id:	NV4000000021319		

**H43
SSW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000020659

Well log:	1588	App:	13670
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/18/1951	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	09	Sec quarte:	AA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FREHNER, JOE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/02/1951	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	670	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	142
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	72		
Yield:	30		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	03/23/1998
Edit statu:	F	Well start:	01/29/1950
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598438.676417		
Utm y:	4000323.20566		
Site id:	NV4000000020659		

**H44
SSW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000020660

Well log:	75135	App:	Not Reported
Notice of :	18710	Waiver no:	Not Reported
Date log r:	04/15/1999	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	09	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FREHNER, DUANE		
Owner addr:	5252 S HAFEN RANCH RD		
Owner no:	Not Reported		
Parcel no:	45-101-01	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/09/1999	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	250	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	250
Csng diame:	6.62		
Csng reduc:	0	Top perf:	210
Bottom per:	250	Perf inter:	1
Static wl:	76		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/03/1999
Update use:	Not Reported	Date updat:	03/23/1998
Edit statu:	F	Well start:	04/05/1999
Gravel p 1:	50	Gravel p 2:	250
Utm x:	598438.676417		
Utm y:	4000323.20566		
Site id:	NV4000000020660		

**45
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000020658

Well log:	32351	App:	Not Reported
Notice of :	5787	Waiver no:	Not Reported
Date log r:	06/30/1989	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	09	Sec quarte:	AB
Legal quar:	NW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BELL, ART		
Owner addr:	MANSE W OF HAFEN RANCH		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/15/1989	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8.62		
Csng reduc:	0	Top perf:	80
Bottom per:	160	Perf inter:	1
Static wl:	44		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	7479A	Date updat:	07/01/1998
Contract 1:	FLOYDS CONSTRUCTION	Well start:	08/03/1978
Contract 2:	P O BOX 157 PAHRUMP NV	Gravel p 2:	0
Contract 3:	1424		
Driller li:	1427		
User id:	NAFLECKS		
Update use:	dsdavis		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	598063.800828		
Utm y:	4000318.99069		
Site id:	NV4000000020658		

**46
South
1/2 - 1 Mile
Lower**

NV WELLS NV4000000019926

Well log:	94107	App:	Not Reported
Notice of :	27086	Waiver no:	Not Reported
Date log r:	10/12/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	10	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	HAFEN, KENT		
Owner addr:	6200 E MONIQUE		
Owner no:	Not Reported		
Parcel no:	45-121-51	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/29/2004	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	6		
Csng reduc:	0	Top perf:	120
Bottom per:	180	Perf inter:	1
Static wl:	92		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/26/2004
Update use:	Not Reported	Date updat:	07/24/1996
Edit statu:	F	Well start:	09/28/2004
Gravel p 1:	0	Gravel p 2:	180

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 598868.067106
 Utm y: 3999927.45494
 Site id: NV4000000019926

**47
 NNW
 1/2 - 1 Mile
 Lower**

NV WELLS NV4000000024861

Well log:	86067	App:	64245
Notice of :	22871	Waiver no:	Not Reported
Date log r:	05/09/2002	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S20	Legal tw:	20S
Rng:	E54	Legal rng:	54E
Sec:	33	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	WULFENSTEIN		
Owner addr:	3651 S HWY 160		
Owner no:	Not Reported		
Parcel no:	27-441-05	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/12/2002	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.625		
Csng reduc:	0	Top perf:	300
Bottom per:	400	Perf inter:	1
Static wl:	143		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/17/2002
Update use:	Not Reported	Date updat:	09/16/1996
Edit statu:	F	Well start:	04/09/2002
Gravel p 1:	50	Gravel p 2:	400
Utm x:	598311.309848		
Utm y:	4002756.17792		
Site id:	NV4000000024861		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

48
SE
1/2 - 1 Mile
Higher

FED USGS USGS3099511

Agency cd:	USGS	Site no:	360836115531701
Site name:	162 S21 E54 10AAC 1		
Latitude:	360836	EDR Site id:	USGS3099511
Longitude:	1155317	Dec lat:	36.14329682
Dec lon:	-115.88891049	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	SWNENES10 T21S R54E M
Location map:	PAHRUMP, NV	Map scale:	24000
Altitude:	2885.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19400101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	472.	Hole depth:	800.
Source of depth data:	driller		
Project number:	162		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1944-10-13	Ground water data end date:	2003-09-23
Ground water data count:	2045		

Ground-water levels, Number of Measurements: 2045

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-09-23	72.8		2003-08-12	72.1	
2003-07-22	71.9		2003-06-19	71.2	
2003-05-19	70.4		2003-04-03	69.4	
2003-03-11	69.6		2003-02-10	69.8	
2003-01-02	70.0		2002-11-14	71.2	
2002-10-18	72.5		2002-09-19	74.5	
2002-08-16	73.9		2002-07-19	74.3	
2002-06-13	73.4		2002-05-14	72.8	
2002-04-18	72.8		2002-03-14	72.11	
2002-02-15	73.5		2002-01-10	72.6	
2001-12-13	73.5		2001-11-13	74.2	
2001-10-05	77.2		2001-09-07	77.2	
2001-08-08	77.6		2001-07-10	77.0	
2001-06-07	76.8		2001-05-07	76.4	
2001-04-04	74.9		2001-03-07	74.2	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-02-06	75.6		2001-01-04	75.6	
2000-12-06	76.54		2000-11-06	76.77	
2000-10-05	81.00		2000-09-07	81.47	
2000-08-08	81.85		2000-07-06	81.61	
2000-06-08	80.71		2000-05-11	81.13	
2000-04-04	79.97		2000-03-09	77.90	
2000-02-10	79.10		2000-01-06	79.77	
1999-12-31	79.35		1999-12-25	79.73	
1999-12-20	79.96		1999-12-10	80.47	
1999-12-05	80.63		1999-11-30	81.07	
1999-11-25	81.14		1999-11-20	82.36	
1999-11-15	82.19		1999-11-10	83.66	
1999-11-09	84.84		1999-11-05	83.93	
1999-10-31	83.70		1999-10-25	83.60	
1999-10-20	84.18		1999-10-15	83.95	
1999-10-10	83.84		1999-10-07	84.20	
1999-10-05	84.02		1999-09-30	84.06	
1999-09-25	83.70		1999-09-20	83.68	
1999-09-15	84.12		1999-09-10	84.17	
1999-09-09	83.80		1999-09-05	83.96	
1999-08-31	83.92		1999-08-25	84.78	
1999-08-20	84.17		1999-08-15	84.29	
1999-08-10	84.20		1999-08-09	84.23	
1999-08-05	83.96		1999-07-30	84.30	
1999-07-25	84.09		1999-07-20	84.31	
1999-07-15	84.51		1999-07-10	84.91	
1999-07-06	85.65		1999-07-05	85.59	
1999-06-30	85.33		1999-06-25	85.13	
1999-06-20	84.16		1999-06-15	85.14	
1999-06-10	84.92		1999-06-08	84.85	
1999-06-05	84.50		1999-05-31	84.52	
1999-05-25	84.81		1999-05-20	84.43	
1999-05-15	83.86		1999-05-10	84.12	
1999-05-06	83.67		1999-05-05	83.66	
1999-04-30	84.67		1999-04-25	84.55	
1999-04-20	83.58		1999-04-15	83.88	
1999-04-10	84.05		1999-04-08	84.51	
1999-04-05	84.26		1999-03-31	83.98	
1999-03-25	84.44		1999-03-20	84.26	
1999-03-15	84.15		1999-03-10	84.33	
1999-03-09	84.37		1999-02-15	84.58	
1999-02-10	85.03		1999-02-09	85.25	
1999-02-05	85.20		1999-01-31	85.20	
1999-01-25	85.50		1999-01-20	85.68	
1999-01-15	84.40		1999-01-10	84.14	
1999-01-07	84.60		1999-01-05	84.27	
1998-12-31	84.72		1998-12-25	84.91	
1998-12-20	85.42		1998-12-15	86.19	
1998-12-10	86.10		1998-12-05	87.09	
1998-11-30	87.86		1998-11-25	89.56	
1998-11-20	89.97		1998-11-15	90.24	
1998-11-10	91.57		1998-11-05	89.19	
1998-10-31	89.18		1998-10-25	89.28	
1998-10-20	88.63		1998-10-15	88.25	
1998-10-10	87.97		1998-10-08	88.55	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-10-05	88.50		1998-09-30	87.12	
1998-09-25	88.15		1998-09-20	88.26	
1998-09-15	88.42		1998-09-10	88.97	
1998-09-05	88.78		1998-08-31	88.67	
1998-08-25	88.87		1998-08-20	88.53	
1998-08-15	88.73		1998-08-10	88.88	
1998-08-06	88.30		1998-08-05	88.19	
1998-07-31	88.71		1998-07-25	88.28	
1998-07-20	88.49		1998-07-15	89.02	
1998-07-10	89.04		1998-07-05	88.98	
1998-06-30	88.82		1998-06-25	88.71	
1998-06-20	88.10		1998-06-15	88.53	
1998-06-11	88.76		1998-06-05	88.49	
1998-05-31	87.86		1998-05-25	87.81	
1998-05-20	88.08		1998-05-15	87.36	
1998-05-10	87.17		1998-05-07	88.00	
1998-05-05	88.77		1998-04-30	88.37	
1998-04-25	88.36		1998-04-20	88.70	
1998-04-15	88.72		1998-04-10	88.49	
1998-04-09	88.56		1998-04-05	87.80	
1998-03-31	87.84		1998-03-25	88.02	
1998-03-20	87.18		1998-03-15	87.11	
1998-03-12	86.90		1998-03-10	85.88	
1998-03-05	85.70		1998-02-28	86.29	
1998-02-25	87.18		1998-02-20	87.41	
1998-02-15	88.14		1998-02-10	88.80	
1998-02-05	88.41		1998-01-31	86.25	
1998-01-25	86.80		1998-01-20	86.89	
1998-01-15	87.14		1998-01-10	87.38	
1998-01-08	87.44		1998-01-05	85.87	
1997-12-31	85.95		1997-12-25	86.43	
1997-12-20	86.55		1997-12-15	86.81	
1997-12-10	87.53		1997-12-09	87.54	
1997-12-05	89.24		1997-11-30	89.63	
1997-11-25	90.68		1997-11-20	90.84	
1997-11-15	91.02		1997-11-10	91.67	
1997-11-06	92.18		1997-11-05	92.19	
1997-10-31	92.64		1997-10-25	93.49	
1997-10-20	95.16		1997-10-15	95.58	
1997-10-10	95.62		1997-10-09	95.80	
1997-10-05	96.34		1997-09-30	96.28	
1997-09-25	94.82		1997-09-20	96.30	
1997-09-15	95.65		1997-09-08	95.78	
1997-09-05	95.46		1997-08-31	96.85	
1997-08-25	96.96		1997-08-20	96.60	
1997-08-15	96.32		1997-08-10	96.18	
1997-08-07	96.41		1997-07-31	96.20	
1997-07-25	97.14		1997-07-20	97.64	
1997-07-15	97.32		1997-07-10	97.01	
1997-07-08	98.60		1997-07-05	96.70	
1997-06-30	96.94		1997-06-25	96.75	
1997-06-20	96.68		1997-06-15	96.66	
1997-06-10	96.38		1997-06-05	94.70	
1997-05-31	95.29		1997-05-25	95.13	
1997-05-20	93.95		1997-05-15	94.34	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-05-10	95.02		1997-05-09	94.96	
1997-05-05	94.16		1997-04-30	94.70	
1997-04-25	94.13		1997-04-20	94.08	
1997-04-15	94.48		1997-04-10	94.28	
1997-04-05	94.16		1997-03-31	93.76	
1997-03-25	94.03		1997-03-20	93.36	
1997-03-17	93.10		1997-03-15	93.06	
1997-03-10	91.87		1997-03-06	92.20	
1997-03-05	92.24		1997-02-28	92.07	
1997-02-25	91.84		1997-02-20	91.80	
1997-02-15	91.77		1997-02-10	90.93	
1997-02-06	91.10		1997-02-05	90.80	
1997-01-31	89.73		1997-01-25	88.94	
1997-01-20	89.14		1997-01-15	89.86	
1997-01-10	89.80		1997-01-09	90.10	
1997-01-05	90.88		1996-12-31	91.29	
1996-12-25	91.52		1996-12-20	91.78	
1996-12-15	92.61		1996-12-12	92.68	
1996-12-10	91.98		1996-12-05	92.21	
1996-11-30	93.15		1996-11-25	93.53	
1996-11-20	96.37		1996-11-15	95.65	
1996-11-12	96.88		1996-11-10	96.47	
1996-11-05	97.22		1996-10-31	97.35	
1996-10-25	97.78		1996-10-20	98.85	
1996-10-15	99.48		1996-10-11	99.48	
1996-10-10	99.20		1996-10-05	99.02	
1996-09-30	99.27		1996-09-25	99.25	
1996-09-20	98.90		1996-09-15	98.90	
1996-09-10	99.18		1996-09-05	98.60	
1996-08-31	98.78		1996-08-25	98.52	
1996-08-20	97.82		1996-08-15	98.53	
1996-08-10	98.50		1996-08-09	98.06	
1996-08-05	98.06		1996-07-31	98.30	
1996-07-25	97.80		1996-07-20	97.96	
1996-07-15	97.56		1996-07-10	97.27	
1996-07-05	98.00		1996-06-30	97.25	
1996-06-25	97.10		1996-06-20	97.86	
1996-06-15	97.71		1996-06-05	96.14	
1996-05-31	96.46		1996-05-25	96.58	
1996-05-20	96.60		1996-05-15	96.40	
1996-05-10	96.33		1996-05-09	96.07	
1996-05-05	94.72		1996-04-30	94.96	
1996-04-25	95.60		1996-04-20	95.13	
1996-04-15	95.84		1996-04-10	95.26	
1996-04-09	94.90		1996-04-05	94.83	
1996-03-31	95.13		1996-03-25	95.83	
1996-03-20	95.82		1996-03-18	95.50	
1996-03-15	94.64		1996-03-10	94.85	
1996-03-08	94.70		1996-03-05	95.62	
1996-02-29	95.40		1996-02-25	95.09	
1996-02-20	94.97		1996-02-15	94.56	
1996-02-10	93.81		1996-02-09	93.68	
1996-02-05	92.73		1996-01-31	91.83	
1996-01-25	91.80		1996-01-20	91.70	
1996-01-15	92.40		1996-01-10	92.72	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1996-01-05	92.69		1995-12-31	92.55	
1995-12-25	93.14		1995-12-20	93.47	
1995-12-15	94.06		1995-12-10	94.54	
1995-12-07	94.64		1995-12-05	95.45	
1995-11-30	96.04		1995-11-25	96.57	
1995-11-20	98.57		1995-11-15	98.63	
1995-11-10	98.86		1995-11-09	98.96	
1995-11-05	98.81		1995-10-31	99.96	
1995-10-25	100.34		1995-10-20	100.76	
1995-10-15	100.74		1995-10-10	100.67	
1995-10-05	100.05		1995-09-30	99.38	
1995-09-25	99.64		1995-09-20	99.48	
1995-09-15	99.36		1995-09-10	99.08	
1995-09-07	98.32		1995-09-05	99.40	
1995-08-31	100.21		1995-08-25	99.72	
1995-08-20	100.41		1995-08-15	100.28	
1995-08-10	99.74		1995-08-05	100.08	
1995-07-31	98.84		1995-07-25	98.50	
1995-07-20	99.40		1995-07-15	99.94	
1995-07-10	99.59		1995-07-06	99.60	
1995-06-15	98.55		1995-06-10	96.70	
1995-06-08	97.59		1995-06-05	97.34	
1995-05-31	97.72		1995-05-25	97.84	
1995-05-20	97.53		1995-05-15	97.40	
1995-05-10	96.45		1995-05-05	96.97	
1995-04-06	93.60		1995-04-05	94.25	
1995-03-31	93.78		1995-03-25	94.18	
1995-03-20	94.40		1995-03-15	94.18	
1995-03-10	94.17		1995-03-08	93.98	
1995-03-05	93.88		1995-02-28	92.97	
1995-02-25	92.74		1995-02-20	92.26	
1995-02-15	90.64		1995-02-10	90.75	
1995-02-09	91.86		1995-02-05	90.91	
1995-01-31	91.20		1995-01-25	91.33	
1995-01-20	92.00		1995-01-15	91.98	
1995-01-12	92.45		1995-01-09	92.70	
1995-01-05	93.70		1994-12-31	94.27	
1994-12-25	94.53		1994-12-20	95.06	
1994-12-15	95.49		1994-12-10	95.85	
1994-12-08	96.33		1994-12-05	95.63	
1994-11-30	96.46		1994-11-25	96.60	
1994-11-20	97.12		1994-11-15	98.56	
1994-11-10	99.12		1994-11-08	99.14	
1994-11-05	99.28		1994-10-31	100.12	
1994-10-25	101.20		1994-10-20	101.48	
1994-10-15	101.21		1994-10-10	101.16	
1994-10-05	101.35		1994-09-30	102.33	
1994-09-25	102.40		1994-09-20	102.14	
1994-09-15	102.17		1994-09-10	101.98	
1994-09-08	100.50		1994-09-07	100.60	
1994-09-05	102.14		1994-08-31	101.95	
1994-08-25	101.44		1994-08-20	101.20	
1994-08-15	101.78		1994-08-10	101.62	
1994-08-09	100.50		1994-08-05	102.19	
1994-07-31	102.18		1994-07-25	102.10	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1994-07-20	101.60		1994-07-15	101.53	
1994-07-10	101.78		1994-07-08	100.13	
1994-07-05	101.55		1994-06-30	101.22	
1994-06-25	101.16		1994-06-20	100.87	
1994-06-15	100.90		1994-06-10	100.58	
1994-06-07	99.09		1994-06-05	100.41	
1994-05-31	99.15		1994-05-25	99.51	
1994-05-20	99.86		1994-05-15	98.70	
1994-05-12	97.41		1994-05-05	98.32	
1994-04-30	98.23		1994-04-25	97.24	
1994-04-20	97.52		1994-04-15	98.59	
1994-04-10	97.64		1994-04-07	96.81	
1994-03-24	96.30		1994-03-15	95.50	
1994-03-10	93.83		1994-03-05	94.99	
1994-02-28	95.10		1994-02-25	94.78	
1994-02-20	94.69		1994-02-15	93.44	
1994-02-10	92.38		1994-02-05	93.34	
1994-01-31	93.63		1994-01-25	93.43	
1994-01-20	93.74		1994-01-15	93.60	
1994-01-10	93.08		1994-01-06	92.16	
1993-12-31	94.27		1993-12-25	93.78	
1993-12-20	94.28		1993-12-16	93.35	
1993-12-15	94.37		1993-12-10	94.90	
1993-12-09	93.78		1993-12-05	95.93	
1993-11-30	95.39		1993-11-25	96.10	
1993-11-20	96.42		1993-11-15	96.90	
1993-11-10	97.75		1993-11-05	98.37	
1993-10-31	98.70		1993-10-25	99.58	
1993-10-20	101.23		1993-10-15	102.04	
1993-10-10	102.40		1993-10-07	101.17	
1993-10-05	102.26		1993-09-30	101.88	
1993-09-25	102.07		1993-09-20	101.93	
1993-09-15	102.02		1993-09-13	101.01	
1993-09-10	101.20		1993-09-09	100.51	
1993-09-05	102.32		1993-08-31	101.92	
1993-08-25	102.02		1993-08-20	101.14	
1993-08-15	101.20		1993-08-10	101.57	
1993-08-05	100.30		1993-07-31	101.26	
1993-07-25	100.46		1993-07-20	100.68	
1993-07-15	100.14		1993-07-10	99.60	
1993-07-05	98.92		1993-06-30	99.06	
1993-06-25	97.84		1993-06-20	98.24	
1993-06-15	97.94		1993-06-10	97.67	
1993-06-09	97.50		1993-06-08	97.03	
1993-06-05	96.74		1993-05-31	96.74	
1993-05-25	98.26		1993-05-20	97.18	
1993-05-15	96.74		1993-05-10	97.52	
1993-05-06	96.07		1993-05-05	97.06	
1993-04-30	95.97		1993-04-25	95.56	
1993-04-20	95.16		1993-04-15	94.34	
1993-04-10	94.44		1993-04-09	91.29	
1993-04-07	92.59		1993-04-05	94.04	
1993-03-31	93.01		1993-03-25	92.78	
1993-03-20	93.09		1993-03-15	91.28	
1993-03-10	91.38		1993-03-09	90.31	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-03-05	91.54		1993-02-28	91.70	
1993-02-25	91.81		1993-02-20	91.78	
1993-02-16	90.88		1993-02-05	92.58	
1993-01-31	92.84		1993-01-25	93.05	
1993-01-20	93.43		1993-01-15	93.58	
1993-01-10	93.55		1993-01-05	96.37	
1992-12-31	96.75		1992-12-25	97.18	
1992-12-20	97.36		1992-12-15	97.44	
1992-12-14	94.26		1992-12-10	98.00	
1992-12-09	96.96		1992-12-05	95.23	
1992-11-30	95.70		1992-11-25	96.28	
1992-11-20	96.62		1992-11-15	98.42	
1992-11-10	98.49		1992-11-06	97.97	
1992-11-05	99.55		1992-10-31	101.36	
1992-10-25	101.57		1992-10-20	102.16	
1992-10-15	102.36		1992-10-10	102.12	
1992-10-07	101.31		1992-10-05	102.10	
1992-09-30	102.02		1992-09-25	101.94	
1992-09-20	101.54		1992-09-15	101.57	
1992-09-10	101.53		1992-09-10	100.54	
1992-09-09	100.24		1992-09-05	101.15	
1992-08-31	101.42		1992-08-25	102.19	
1992-08-20	101.22		1992-08-15	101.22	
1992-08-10	101.24		1992-08-07	100.63	
1992-08-05	100.60		1992-07-31	100.62	
1992-07-25	100.84		1992-07-20	100.54	
1992-07-15	100.42		1992-07-10	100.20	
1992-07-08	99.14		1992-07-05	100.02	
1992-06-30	100.38		1992-06-25	100.46	
1992-06-20	99.76		1992-06-16	98.8	
1992-06-15	100.18		1992-06-10	99.96	
1992-06-05	99.28		1992-06-04	98.54	
1992-05-31	98.86		1992-05-25	97.68	
1992-05-20	98.20		1992-05-15	98.04	
1992-05-10	97.60		1992-05-06	96.12	
1992-05-05	95.80		1992-04-25	95.80	
1992-04-20	94.78		1992-04-15	94.35	
1992-04-10	93.01		1992-04-05	94.12	
1992-03-31	93.66		1992-03-25	95.18	
1992-03-20	96.28		1992-03-16	92.76	
1992-03-15	94.35		1992-03-10	94.77	
1992-03-06	93.71		1992-03-05	93.66	
1992-02-20	93.65		1992-02-15	93.68	
1992-02-10	94.75		1992-02-06	93.28	
1992-02-05	96.20		1992-01-31	94.95	
1992-01-25	95.26		1992-01-20	95.58	
1992-01-15	96.06		1992-01-10	96.14	
1992-01-07	95.16		1992-01-05	94.32	
1991-12-31	95.00		1991-12-25	95.20	
1991-12-20	95.74		1991-12-15	96.04	
1991-12-10	96.74		1991-12-09	95.87	
1991-12-06	95.62		1991-12-05	96.86	
1991-11-30	98.12		1991-11-25	98.28	
1991-11-20	99.86		1991-11-15	100.38	
1991-11-10	100.70		1991-11-06	99.50	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-11-05	100.72		1991-10-31	102.00	
1991-10-25	101.86		1991-10-20	101.88	
1991-10-15	102.20		1991-10-10	102.42	
1991-10-08	101.22		1991-10-05	102.04	
1991-09-30	102.07		1991-09-25	101.78	
1991-09-20	102.21		1991-09-16	101.39	
1991-09-15	102.18		1991-09-11	101.00	
1991-09-10	102.37		1991-09-05	102.29	
1991-08-31	102.22		1991-08-25	102.06	
1991-08-20	101.70		1991-08-15	102.11	
1991-08-10	101.84		1991-08-06	100.85	
1991-08-05	101.80		1991-07-31	101.70	
1991-07-25	101.07		1991-07-20	101.39	
1991-07-15	101.40		1991-07-10	100.25	
1991-07-05	100.76		1991-06-30	100.38	
1991-06-25	100.03		1991-06-20	99.96	
1991-06-15	100.53		1991-06-11	99.28	
1991-06-10	100.56		1991-06-06	99.30	
1991-06-05	100.13		1991-05-31	99.36	
1991-05-25	99.93		1991-05-20	99.01	
1991-05-15	99.86		1991-05-10	99.09	
1991-05-07	97.77		1991-05-05	99.38	
1991-04-30	98.67		1991-04-25	99.70	
1991-04-20	99.52		1991-04-15	99.12	
1991-04-10	98.70		1991-04-05	97.40	
1991-03-31	95.83		1991-03-25	96.76	
1991-03-20	96.71		1991-03-15	97.60	
1991-03-11	96.72		1991-03-10	96.72	
1991-03-05	95.97		1991-02-28	96.33	
1991-02-25	96.40		1991-02-20	96.37	
1991-02-15	95.89		1991-02-10	95.78	
1991-02-08	94.77		1991-02-05	95.84	
1991-01-31	95.59		1991-01-25	95.52	
1991-01-20	94.91		1991-01-15	95.02	
1991-01-10	94.86		1991-01-08	92.07	
1991-01-05	93.48		1990-12-31	93.94	
1990-12-25	94.17		1990-12-20	94.38	
1990-12-15	95.80		1990-12-10	96.02	
1990-12-06	95.25		1990-12-05	96.29	
1990-11-30	96.12		1990-11-25	97.02	
1990-11-20	97.50		1990-11-16	96.86	
1990-11-15	98.10		1990-11-10	98.66	
1990-11-05	98.67		1990-10-31	101.49	
1990-10-25	101.60		1990-10-20	101.91	
1990-10-15	101.82		1990-10-10	101.43	
1990-10-05	101.75		1990-09-30	102.16	
1990-09-25	101.88		1990-09-20	102.53	
1990-09-15	102.48		1990-09-10	102.32	
1990-09-06	100.74		1990-09-05	101.94	
1990-08-31	101.55		1990-08-25	101.94	
1990-08-20	102.21		1990-08-15	101.97	
1990-08-10	101.54		1990-08-08	100.49	
1990-08-05	103.90		1990-07-31	103.57	
1990-07-25	103.20		1990-07-20	103.12	
1990-07-15	102.98		1990-07-10	103.32	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-07-05	102.23		1990-06-30	102.39	
1990-06-25	102.39		1990-06-20	101.50	
1990-06-15	101.85		1990-06-10	102.26	
1990-06-06	101.38		1990-06-05	102.40	
1990-05-31	102.22		1990-05-25	100.05	
1990-05-20	99.86		1990-05-15	99.49	
1990-05-10	98.96		1990-05-09	97.33	
1990-05-05	96.65		1990-04-30	96.60	
1990-04-25	96.60		1990-04-20	98.80	
1990-04-15	98.64		1990-04-10	99.06	
1990-04-05	97.40		1990-03-31	98.11	
1990-03-25	97.92		1990-03-20	96.63	
1990-03-15	95.92		1990-03-10	96.14	
1990-03-09	94.92		1990-03-05	94.00	
1990-02-28	94.12		1990-02-25	93.64	
1990-02-20	94.00		1990-02-15	94.02	
1990-02-10	93.64		1990-02-08	92.09	
1990-02-05	92.49		1990-01-31	92.49	
1990-01-25	92.89		1990-01-20	92.90	
1990-01-15	93.16		1990-01-10	94.05	
1990-01-05	93.78		1990-01-04	92.70	
1989-12-06	94.80		1989-12-05	95.80	
1989-11-30	96.80		1989-11-25	96.67	
1989-11-20	96.81		1989-11-15	97.84	
1989-11-10	98.38		1989-11-08	96.89	
1989-11-05	99.75		1989-10-31	99.79	
1989-10-25	99.20		1989-10-20	101.00	
1989-10-15	100.04		1989-10-10	101.14	
1989-10-05	99.60		1989-09-30	100.29	
1989-09-25	100.48		1989-09-20	100.86	
1989-09-15	100.08		1989-09-10	100.63	
1989-09-07	99.40		1989-09-05	100.67	
1989-08-31	100.43		1989-08-25	100.78	
1989-08-20	100.34		1989-08-15	100.17	
1989-08-10	101.29		1989-08-05	100.34	
1989-08-04	99.11		1989-07-31	100.06	
1989-07-25	100.02		1989-07-20	99.86	
1989-07-15	99.80		1989-07-10	99.74	
1989-07-07	98.54		1989-07-05	100.02	
1989-06-30	99.78		1989-06-25	99.80	
1989-06-20	99.24		1989-06-15	99.14	
1989-06-10	99.04		1989-06-07	97.00	
1989-06-05	98.69		1989-05-31	99.33	
1989-05-25	98.94		1989-05-20	98.82	
1989-05-15	98.30		1989-05-10	97.19	
1989-05-05	97.86		1989-05-04	89.94	
1989-04-30	95.92		1989-04-20	95.92	
1989-04-15	95.92		1989-04-10	95.92	
1989-04-06	94.72		1989-04-05	95.13	
1989-03-31	95.12		1989-03-25	95.06	
1989-03-20	95.48		1989-03-15	95.90	
1989-03-10	95.52		1989-03-08	94.13	
1989-03-05	91.67		1989-02-28	91.67	
1989-02-25	91.67		1989-02-20	91.67	
1989-02-15	91.62		1989-02-10	90.78	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-02-05	90.86		1989-01-31	90.84	
1989-01-25	90.80		1989-01-20	91.08	
1989-01-15	91.46		1989-01-10	91.56	
1989-01-05	90.78		1988-12-31	92.30	
1988-12-25	92.79		1988-12-20	93.26	
1988-12-15	94.37		1988-12-10	94.51	
1988-12-07	93.68		1988-12-05	94.91	
1988-11-30	95.56		1988-11-25	95.04	
1988-11-20	96.03		1988-11-15	97.13	
1988-11-10	98.56		1988-11-09	98.30	
1988-11-05	99.20		1988-10-31	100.10	
1988-10-25	100.19		1988-10-20	99.50	
1988-10-15	100.08		1988-10-10	99.99	
1988-10-06	98.94		1988-10-05	100.41	
1988-09-30	100.14		1988-09-25	100.11	
1988-09-20	99.83		1988-09-15	99.79	
1988-09-10	99.32		1988-09-08	98.38	
1988-09-05	99.81		1988-08-31	99.80	
1988-08-25	99.54		1988-08-20	99.27	
1988-08-15	99.31		1988-08-10	99.37	
1988-08-05	98.98		1988-08-04	98.17	
1988-07-06	104.75		1988-07-05	105.95	
1988-06-30	98.46		1988-06-25	98.57	
1988-06-20	98.41		1988-06-15	98.30	
1988-06-10	97.71		1988-06-08	96.65	
1988-06-05	97.51		1988-05-31	97.20	
1988-05-25	97.67		1988-05-20	97.42	
1988-05-15	96.49		1988-05-10	96.88	
1988-05-05	95.15		1988-04-30	95.54	
1988-04-25	96.06		1988-04-20	96.04	
1988-04-15	95.40		1988-04-10	96.52	
1988-04-05	97.62		1988-03-31	94.33	
1988-03-25	94.39		1988-03-20	94.49	
1988-03-15	94.48		1988-03-10	95.63	
1988-03-05	94.26		1988-03-03	93.14	
1988-02-29	91.46		1988-02-25	91.46	
1988-02-20	91.46		1988-02-15	91.46	
1988-02-10	91.46		1988-02-05	91.54	
1988-02-04	90.39		1988-01-31	89.67	
1988-01-25	90.13		1988-01-20	90.64	
1988-01-15	90.34		1988-01-10	90.88	
1988-01-07	89.93		1987-12-31	91.60	
1987-12-25	91.82		1987-12-20	92.50	
1987-12-15	92.67		1987-12-11	91.87	
1987-12-10	93.44		1987-12-05	93.44	
1987-11-30	93.48		1987-11-25	93.84	
1987-11-20	94.26		1987-11-15	95.15	
1987-11-10	96.48		1987-11-05	97.35	
1987-11-04	96.33		1987-10-31	99.36	
1987-10-25	100.74		1987-10-20	101.05	
1987-10-15	100.95		1987-10-10	100.84	
1987-10-07	99.46		1987-10-05	99.95	
1987-09-30	100.68		1987-09-25	100.43	
1987-09-20	99.74		1987-09-15	100.12	
1987-09-10	100.46		1987-09-09	99.03	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-09-05	100.00		1987-08-31	99.52	
1987-08-25	99.52		1987-08-20	99.52	
1987-08-15	99.51		1987-08-10	99.51	
1987-08-05	98.63		1987-07-31	98.43	
1987-07-25	99.90		1987-07-20	100.56	
1987-07-15	100.60		1987-07-10	99.68	
1987-07-08	97.69		1987-07-05	98.16	
1987-06-30	98.02		1987-06-25	97.91	
1987-06-20	97.58		1987-06-15	96.88	
1987-06-10	97.02		1987-06-05	97.39	
1987-06-04	96.14		1987-05-31	97.27	
1987-05-25	97.35		1987-05-20	97.13	
1987-05-15	95.44		1987-05-10	95.27	
1987-05-07	94.30		1987-05-05	95.70	
1987-04-30	96.94		1987-04-25	95.65	
1987-04-20	95.35		1987-04-15	95.35	
1987-04-10	94.15		1987-04-05	93.19	
1987-03-31	93.18		1987-03-25	93.18	
1987-03-20	93.18		1987-03-15	93.18	
1987-03-10	93.18		1987-03-06	92.88	
1987-03-05	89.36		1987-02-28	89.36	
1987-02-25	89.36		1987-02-20	89.36	
1987-02-15	89.36		1987-02-10	88.10	
1987-02-05	88.42		1987-01-31	88.01	
1987-01-25	88.85		1987-01-20	89.13	
1987-01-15	89.12		1987-01-12	88.80	
1987-01-10	89.93		1987-01-05	91.62	
1986-12-31	92.06		1986-12-25	92.53	
1986-12-20	92.73		1986-12-15	93.14	
1986-12-10	93.72		1986-12-05	93.83	
1986-12-04	92.71		1986-11-30	93.77	
1986-11-25	93.96		1986-11-20	94.51	
1986-11-15	95.92		1986-11-10	95.65	
1986-11-06	95.41		1986-11-05	96.70	
1986-10-31	97.28		1986-10-25	98.52	
1986-10-20	99.19		1986-10-15	102.40	
1986-10-10	102.69		1986-10-07	103.58	
1986-10-05	102.29		1986-09-30	102.29	
1986-09-25	101.15		1986-09-20	102.16	
1986-09-15	102.16		1986-09-10	102.15	
1986-09-08	101.60		1986-09-05	102.80	
1986-08-31	100.90		1986-08-25	101.97	
1986-08-20	101.86		1986-08-15	101.70	
1986-08-10	101.21		1986-08-05	100.10	
1986-07-31	100.40		1986-07-25	100.75	
1986-07-20	100.55		1986-07-15	100.04	
1986-07-10	99.95		1986-07-05	99.95	
1986-07-01	98.80		1986-06-30	100.36	
1986-06-25	100.36		1986-06-20	100.36	
1986-06-15	100.36		1986-06-10	101.44	
1986-06-05	98.50		1986-05-31	98.32	
1986-05-25	98.83		1986-05-20	98.78	
1986-05-15	98.39		1986-05-10	98.27	
1986-05-07	96.85		1986-05-05	96.94	
1986-04-30	96.94		1986-04-25	96.94	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-04-20	94.61		1986-04-15	96.92	
1986-04-10	97.90		1986-04-08	97.04	
1986-04-05	95.45		1986-03-31	95.06	
1986-03-25	94.81		1986-03-20	94.81	
1986-03-15	94.81		1986-03-10	94.52	
1986-03-07	93.94		1986-03-05	97.65	
1986-02-28	97.65		1986-02-25	97.65	
1986-02-20	97.65		1986-02-15	97.65	
1986-02-10	97.69		1986-02-06	96.12	
1986-02-05	90.02		1986-01-31	90.23	
1986-01-25	91.40		1986-01-20	91.01	
1986-01-15	91.16		1986-01-10	91.61	
1986-01-07	92.13		1986-01-05	93.98	
1985-12-31	93.94		1985-12-25	93.64	
1985-12-20	93.15		1985-12-15	94.38	
1985-12-10	94.59		1985-12-05	93.94	
1985-11-30	96.65		1985-11-25	96.76	
1985-11-20	97.40		1985-11-15	98.16	
1985-11-10	98.71		1985-11-05	98.39	
1985-10-31	99.96		1985-10-25	101.77	
1985-10-20	101.94		1985-10-15	102.80	
1985-10-10	104.39		1985-10-08	103.06	
1985-10-05	103.79		1985-09-30	103.79	
1985-09-25	103.79		1985-09-20	103.79	
1985-09-15	103.13		1985-09-10	103.81	
1985-09-06	103.20		1985-09-05	103.83	
1985-08-31	103.83		1985-08-25	103.65	
1985-08-20	103.82		1985-08-15	103.69	
1985-08-10	103.62		1985-08-06	102.60	
1985-08-05	103.85		1985-07-31	103.68	
1985-07-25	103.16		1985-07-20	103.07	
1985-07-15	102.95		1985-07-10	102.13	
1985-07-05	102.80		1985-07-02	101.88	
1985-06-30	108.04		1985-06-25	107.40	
1985-06-20	107.13		1985-06-15	107.38	
1985-06-10	106.85		1985-06-05	105.86	
1985-05-31	109.18		1985-05-25	108.94	
1985-05-20	108.75		1985-05-15	108.47	
1985-05-10	107.41		1985-05-08	107.03	
1985-05-05	100.90		1985-04-30	100.96	
1985-04-25	100.38		1985-04-20	100.42	
1985-04-15	99.88		1985-04-10	100.24	
1985-04-05	109.10		1985-03-31	99.03	
1985-03-25	99.03		1985-03-20	98.62	
1985-03-15	98.17		1985-03-12	96.20	
1985-03-10	98.64		1985-03-05	98.64	
1985-02-28	98.64		1985-02-25	98.64	
1985-02-20	97.83		1985-02-15	98.20	
1985-02-10	98.80		1985-02-06	97.60	
1985-02-05	91.11		1985-01-31	91.83	
1985-01-25	92.30		1985-01-20	92.25	
1985-01-15	92.49		1985-01-10	92.96	
1985-01-09	91.76		1985-01-05	93.30	
1984-12-31	93.51		1984-12-25	93.64	
1984-12-20	94.11		1984-12-15	94.41	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1984-12-10	94.64		1984-12-05	95.31	
1984-12-04	94.10		1984-11-30	95.50	
1984-11-25	96.00		1984-11-20	96.88	
1984-11-15	97.40		1984-11-10	97.84	
1984-11-07	97.12		1984-11-05	110.92	
1984-10-31	110.92		1984-10-25	110.92	
1984-10-20	110.92		1984-10-15	110.92	
1984-10-10	110.92		1984-10-05	110.92	
1984-10-03	109.57		1984-09-30	99.48	
1984-09-25	99.48		1984-09-20	98.51	
1984-09-15	98.72		1984-09-10	99.59	
1984-09-05	98.11		1984-08-31	98.48	
1984-08-25	99.05		1984-08-20	100.30	
1984-08-15	103.44		1984-08-10	104.59	
1984-08-07	103.75		1984-08-05	103.80	
1984-07-31	103.80		1984-07-25	103.80	
1984-07-20	103.80		1984-07-15	103.80	
1984-07-10	103.80		1984-07-05	103.85	
1984-07-03	103.76		1984-06-30	103.85	
1984-06-25	103.85		1984-06-20	103.85	
1984-06-15	103.85		1984-06-10	103.85	
1984-06-07	102.65		1984-06-05	101.85	
1984-05-31	101.85		1984-05-25	101.85	
1984-05-20	101.85		1984-05-15	101.85	
1984-05-10	101.85		1984-05-09	100.65	
1984-05-05	100.42		1984-04-30	100.42	
1984-04-25	100.42		1984-04-20	101.37	
1984-04-15	100.03		1984-04-10	100.50	
1984-04-05	100.08		1984-03-31	101.23	
1984-03-25	101.23		1984-03-20	100.92	
1984-03-15	100.53		1984-03-10	100.40	
1984-03-07	99.65		1984-03-05	100.31	
1984-02-29	100.01		1984-02-25	100.67	
1984-02-20	99.16		1984-02-15	96.64	
1984-02-10	95.18		1984-02-07	94.10	
1984-02-05	94.38		1984-01-31	93.86	
1984-01-25	94.11		1984-01-20	94.80	
1984-01-15	94.73		1984-01-10	94.90	
1984-01-05	93.90		1983-12-31	95.61	
1983-12-25	95.84		1983-12-20	96.04	
1983-12-15	96.89		1983-12-10	96.70	
1983-12-06	96.09		1983-12-05	97.50	
1983-11-30	98.38		1983-11-25	98.60	
1983-11-20	97.93		1983-11-15	99.69	
1983-11-10	99.64		1983-11-08	100.56	
1983-11-05	100.14		1983-10-31	100.60	
1983-10-25	102.50		1983-10-20	103.98	
1983-10-15	103.98		1983-10-10	104.54	
1983-10-05	104.82		1983-09-30	104.82	
1983-09-25	104.82		1983-09-20	105.78	
1983-09-15	105.36		1983-09-10	104.01	
1983-09-07	105.49		1983-09-05	106.74	
1983-08-31	106.74		1983-08-25	106.74	
1983-08-20	106.74		1983-08-15	106.74	
1983-08-10	106.74		1983-08-05	106.86	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-08-04	105.70		1983-07-31	105.95	
1983-07-25	105.95		1983-07-20	105.95	
1983-07-15	105.95		1983-07-10	106.01	
1983-07-08	106.10		1983-07-05	106.15	
1983-06-30	106.03		1983-06-25	105.68	
1983-06-20	104.84		1983-06-15	104.15	
1983-06-10	104.60		1983-06-08	103.46	
1983-06-05	100.77		1983-05-31	100.77	
1983-05-25	100.77		1983-05-20	100.77	
1983-05-15	100.77		1983-05-10	100.77	
1983-05-05	100.77		1983-04-30	100.49	
1983-04-25	99.52		1983-04-20	101.27	
1983-04-15	101.74		1983-04-10	101.76	
1983-04-07	99.60		1983-04-05	100.25	
1983-03-31	100.26		1983-03-25	100.48	
1983-03-20	99.03		1983-03-15	98.80	
1983-03-10	98.04		1983-03-08	96.94	
1983-03-05	97.73		1983-02-28	96.72	
1983-02-25	96.72		1983-02-20	96.72	
1983-02-15	97.28		1983-02-10	97.34	
1983-02-05	95.71		1983-01-31	96.06	
1983-01-25	96.05		1983-01-20	95.86	
1983-01-15	96.57		1983-01-10	96.57	
1983-01-05	96.57		1983-01-04	96.40	
1982-12-31	96.74		1982-12-25	97.20	
1982-12-20	97.22		1982-12-15	97.85	
1982-12-10	98.05		1982-12-05	98.45	
1982-12-03	97.70		1982-11-30	98.84	
1982-11-25	98.84		1982-11-20	98.84	
1982-11-15	98.84		1982-11-10	98.60	
1982-11-05	100.47		1982-11-04	101.05	
1982-10-31	102.84		1982-10-25	104.08	
1982-10-20	103.62		1982-10-15	104.37	
1982-10-10	105.33		1982-10-05	104.81	
1982-09-30	105.73		1982-09-25	106.19	
1982-09-20	106.63		1982-09-15	107.15	
1982-09-10	107.45		1982-09-08	106.89	
1982-09-05	108.04		1982-08-31	108.04	
1982-08-25	108.32		1982-08-20	108.60	
1982-08-15	108.60		1982-08-10	108.43	
1982-08-05	109.30		1982-08-02	107.72	
1982-07-31	108.88		1982-07-25	108.99	
1982-07-20	108.82		1982-07-15	108.53	
1982-07-10	108.27		1982-07-08	106.60	
1982-07-05	106.41		1982-06-30	106.41	
1982-06-25	106.41		1982-06-20	106.41	
1982-06-15	106.41		1982-06-10	106.41	
1982-06-05	106.41		1982-06-03	105.08	
1982-05-31	101.94		1982-05-25	101.94	
1982-05-20	101.94		1982-05-15	101.94	
1982-05-10	101.94		1982-05-05	100.74	
1982-04-30	104.02		1982-04-25	104.02	
1982-04-20	104.02		1982-04-15	104.02	
1982-04-10	104.68		1982-04-06	103.83	
1982-04-05	102.28		1982-03-31	102.28	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-03-25	102.28		1982-03-20	102.28	
1982-03-15	101.46		1982-03-10	101.47	
1982-03-05	102.40		1982-03-04	101.20	
1982-02-28	98.99		1982-02-25	98.99	
1982-02-20	98.99		1982-02-15	98.99	
1982-02-10	98.99		1982-02-05	98.99	
1982-02-04	97.79		1982-01-25	98.41	
1982-01-20	98.54		1982-01-15	99.45	
1982-01-10	99.16		1982-01-05	98.38	
1981-12-25	100.65		1981-12-20	101.08	
1981-12-15	101.50		1981-12-10	100.85	
1981-12-05	101.28		1981-12-03	100.38	
1981-11-25	102.30		1981-11-20	102.53	
1981-11-15	103.12		1981-11-10	104.11	
1981-11-05	104.14		1981-11-03	104.15	
1981-10-25	106.74		1981-10-20	107.28	
1981-10-15	107.66		1981-10-10	109.00	
1981-10-05	110.22		1981-09-30	108.90	
1981-09-25	110.72		1981-09-20	110.97	
1981-09-10	110.10		1981-09-05	111.19	
1981-09-01	110.03		1981-08-10	110.99	
1981-08-05	111.42		1981-07-30	110.10	
1981-07-25	110.82		1981-07-20	110.38	
1981-07-15	110.32		1981-07-10	109.83	
1981-07-05	110.29		1981-07-01	109.40	
1981-06-25	110.56		1981-06-20	109.39	
1981-06-15	109.39		1981-06-10	109.53	
1981-06-05	109.89		1981-06-04	108.66	
1981-05-15	107.76		1981-05-10	107.60	
1981-05-05	106.56		1981-04-25	104.89	
1981-04-20	105.31		1981-04-15	106.36	
1981-04-05	106.66		1981-04-03	105.22	
1981-03-25	104.30		1981-03-20	104.29	
1981-03-15	102.42		1981-03-10	102.42	
1981-03-05	102.42		1981-03-03	101.20	
1981-02-25	101.93		1981-02-20	102.07	
1981-02-15	100.96		1981-02-10	100.95	
1981-02-05	100.86		1981-02-03	100.20	
1981-01-06	99.04		1980-12-05	103.78	
1980-11-08	111.50		1980-10-25	107.60	
1980-10-20	108.67		1980-10-15	109.28	
1980-10-10	110.08		1980-10-05	110.64	
1980-10-02	109.56		1980-09-10	112.10	
1980-09-05	112.25		1980-09-04	111.05	
1980-08-25	112.05		1980-08-20	111.93	
1980-08-15	111.65		1980-08-10	111.55	
1980-08-05	110.15		1980-07-25	110.83	
1980-07-10	111.16		1980-07-05	111.24	
1980-06-30	110.18		1980-06-25	110.15	
1980-06-20	110.00		1980-06-15	109.91	
1980-06-10	108.54		1980-06-05	109.40	
1980-06-03	108.06		1980-05-25	108.37	
1980-05-20	106.71		1980-05-15	104.86	
1980-05-10	104.25		1980-05-06	102.45	
1980-04-25	106.46		1980-04-20	106.72	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-04-15	106.30		1980-04-10	106.46	
1980-04-05	105.85		1980-04-03	104.78	
1980-03-25	103.34		1980-03-20	102.76	
1980-03-15	102.83		1980-03-10	103.16	
1980-03-05	103.44		1980-03-04	102.70	
1980-02-25	100.73		1980-02-20	101.03	
1980-02-15	102.81		1980-02-10	102.29	
1980-02-05	102.49		1980-01-25	101.05	
1980-01-20	101.05		1980-01-15	101.22	
1980-01-10	100.92		1980-01-05	101.02	
1980-01-03	99.49		1979-12-25	100.97	
1979-12-20	101.11		1979-12-15	101.39	
1979-12-10	101.51		1979-12-05	101.81	
1979-12-04	101.00		1979-11-25	101.44	
1979-11-20	102.22		1979-11-15	103.05	
1979-11-10	103.29		1979-11-06	102.65	
1979-10-25	105.12		1979-10-20	107.78	
1979-10-15	108.80		1979-10-10	109.20	
1979-10-05	110.02		1979-10-02	109.22	
1979-09-25	109.20		1979-09-20	109.06	
1979-09-15	109.02		1979-09-10	108.77	
1979-09-05	108.08		1979-08-25	109.00	
1979-08-20	108.74		1979-08-15	109.58	
1979-08-10	110.50		1979-08-05	110.62	
1979-08-02	109.15		1979-07-25	107.86	
1979-07-20	109.14		1979-07-15	110.84	
1979-07-10	110.47		1979-07-05	109.88	
1979-07-03	109.10		1979-06-25	109.76	
1979-06-20	109.10		1979-06-15	108.98	
1979-06-10	108.60		1979-06-05	108.40	
1979-06-04	107.20		1979-05-25	106.91	
1979-05-20	105.28		1979-05-15	104.94	
1979-05-10	104.33		1979-05-05	104.54	
1979-05-03	104.88		1979-04-25	105.77	
1979-04-20	105.98		1979-04-15	104.69	
1979-04-10	103.82		1979-04-05	102.10	
1979-03-25	102.35		1979-03-20	102.04	
1979-03-15	101.53		1979-03-10	101.02	
1979-03-06	98.62		1979-03-05	96.72	
1979-02-25	96.93		1979-02-20	95.86	
1979-02-15	96.07		1979-02-10	96.31	
1979-02-06	95.31		1979-01-25	96.71	
1979-01-20	97.38		1979-01-15	97.33	
1979-01-10	97.80		1979-01-05	97.79	
1979-01-04	96.78		1978-12-31	98.34	
1978-12-25	98.36		1978-12-20	99.00	
1978-12-15	98.92		1978-12-10	99.30	
1978-12-05	98.13		1978-11-30	99.92	
1978-11-25	100.49		1978-11-20	100.56	
1978-11-15	101.20		1978-11-10	101.25	
1978-11-07	100.62		1978-11-05	101.79	
1978-10-31	102.50		1978-10-25	103.12	
1978-10-20	104.05		1978-10-15	105.48	
1978-10-10	106.68		1978-10-05	106.02	
1978-09-25	109.05		1978-09-20	110.19	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-09-15	110.47		1978-09-10	110.91	
1978-09-07	109.68		1978-08-20	110.44	
1978-08-15	109.41		1978-08-10	110.00	
1978-08-05	110.80		1978-08-03	109.54	
1978-07-25	110.13		1978-07-20	109.66	
1978-07-15	109.35		1978-07-10	108.36	
1978-07-05	108.86		1978-07-03	107.40	
1978-06-30	108.35		1978-06-25	107.71	
1978-06-20	106.10		1978-06-10	105.86	
1978-06-05	105.74		1978-06-02	104.81	
1978-05-10	99.33		1978-05-05	99.74	
1978-04-30	100.48		1978-04-25	101.75	
1978-04-20	102.07		1978-04-15	101.63	
1978-04-10	101.40		1978-04-05	101.29	
1978-04-04	99.95		1978-03-31	99.14	
1978-03-25	99.81		1978-03-20	99.25	
1978-03-07	96.60		1978-03-05	97.72	
1978-02-28	97.58		1978-02-25	97.58	
1978-02-20	97.87		1978-02-15	98.21	
1978-02-10	97.82		1978-02-05	98.20	
1978-01-31	98.33		1978-01-25	97.86	
1978-01-20	97.87		1978-01-15	97.99	
1978-01-10	99.18		1978-01-05	98.72	
1977-12-31	99.68		1977-12-25	100.23	
1977-12-20	100.61		1977-12-15	100.36	
1977-12-10	100.76		1977-12-08	99.60	
1977-12-05	100.49		1977-11-30	100.48	
1977-11-25	100.95		1977-11-20	102.04	
1977-11-15	102.43		1977-11-10	103.09	
1977-11-08	101.93		1977-11-05	103.48	
1977-10-31	103.94		1977-10-25	104.84	
1977-10-20	106.18		1977-10-15	107.46	
1977-10-10	108.04		1977-10-06	107.88	
1977-10-05	108.96		1977-09-25	108.64	
1977-09-20	108.25		1977-09-15	107.27	
1977-09-10	109.30		1977-09-07	107.40	
1977-08-25	107.46		1977-08-20	107.68	
1977-08-15	108.34		1977-08-10	108.13	
1977-08-05	108.46		1977-08-04	107.10	
1977-07-25	108.18		1977-07-20	108.06	
1977-07-15	107.92		1977-07-10	107.56	
1977-07-07	105.76		1977-07-05	106.96	
1977-06-25	106.65		1977-06-20	106.60	
1977-06-15	106.86		1977-06-10	106.36	
1977-06-05	105.90		1977-06-03	104.50	
1977-05-25	104.32		1977-05-20	103.16	
1977-05-15	103.94		1977-05-10	105.12	
1977-05-05	103.88		1977-04-25	105.47	
1977-04-20	105.34		1977-04-15	105.30	
1977-04-10	105.44		1977-04-07	104.18	
1977-04-05	105.14		1977-03-25	103.94	
1977-03-20	103.84		1977-03-15	101.94	
1977-03-10	100.82		1977-03-09	100.70	
1977-03-05	101.50		1977-02-25	100.53	
1977-02-20	100.00		1977-02-15	98.80	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1977-02-10	98.52		1977-02-05	98.16	
1977-02-02	96.92		1977-01-25	98.65	
1977-01-20	98.08		1977-01-15	97.04	
1977-01-10	97.08		1977-01-05	97.12	
1977-01-04	96.15		1976-12-25	97.17	
1976-12-20	97.40		1976-12-15	97.60	
1976-12-10	97.94		1976-12-07	96.93	
1976-11-10	100.68		1976-10-25	102.72	
1976-10-20	102.90		1976-10-15	103.57	
1976-10-10	104.14		1976-09-28	103.58	
1976-08-26	105.47		1976-07-28	104.73	
1976-06-30	105.10		1976-05-26	102.75	
1976-04-28	102.03		1976-03-30	101.65	
1976-02-26	97.57		1976-01-28	95.50	
1975-12-17	95.57		1975-11-19	98.65	
1975-10-17	100.65		1975-09-16	102.04	
1975-08-08	103.00		1975-06-11	100.00	
1975-05-19	99.80		1975-04-17	99.40	
1975-03-26	98.80		1975-02-19	94.80	
1975-01-23	93.10		1974-12-17	92.65	
1974-11-15	95.60		1974-10-09	100.93	
1974-09-25	101.30		1974-08-28	101.48	
1974-07-24	100.80		1974-06-06	99.98	
1974-04-04	98.80		1974-03-07	93.66	
1974-02-07	93.30		1973-12-05	92.08	
1973-11-07	96.22		1973-10-04	98.48	
1973-08-02	98.80		1973-07-06	99.08	
1973-06-07	98.61		1973-05-03	95.80	
1973-02-16	88.56		1973-01-17	89.61	
1972-12-13	89.80		1972-11-13	93.30	
1972-10-12	95.90		1972-09-15	98.16	
1972-08-16	97.80		1972-07-11	98.80	
1972-06-07	97.00		1972-05-15	96.67	
1972-04-25	96.04		1972-03-24	95.30	
1972-02-24	92.80		1970-02-18	89.94	
1970-01-16	90.11		1969-12-16	89.90	
1969-11-18	90.84		1969-10-17	93.33	
1969-09-16	94.75		1969-08-14	94.98	
1969-07-17	94.05		1969-06-17	92.12	
1969-05-16	90.32		1969-04-16	87.99	
1969-03-14	84.55		1969-02-11	84.50	
1969-01-08	84.62		1968-12-04	85.37	
1968-11-06	89.60		1968-10-03	91.80	
1968-09-05	91.39		1968-08-06	90.30	
1968-07-02	89.85		1968-06-05	87.93	
1968-05-02	84.57		1968-04-04	87.78	
1968-03-05	83.15		1968-02-02	78.83	
1968-01-03	76.97		1967-12-01	79.38	
1967-11-03	83.30		1967-10-05	87.31	
1967-09-07	86.54		1967-08-08	86.70	
1967-07-07	83.72		1967-06-07	83.72	
1967-05-05	78.77		1967-04-05	83.18	
1967-03-03	78.08		1967-02-03	74.56	
1967-01-06	73.53		1966-12-06	74.34	
1966-11-04	77.20		1966-10-06	80.90	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1966-09-09	84.00		1966-08-11	82.35	
1966-07-13	82.25		1966-06-09	79.47	
1966-05-10	78.12		1966-04-15	79.80	
1966-03-09	73.63		1966-02-10	69.14	
1966-01-11	70.14		1965-12-06	71.87	
1965-11-05	76.95		1965-10-05	78.23	
1965-09-03	80.30		1965-08-02	79.83	
1965-07-02	78.45		1965-06-04	77.14	
1965-05-06	72.13		1965-04-07	73.44	
1965-03-05	71.08		1965-02-04	69.53	
1965-01-06	67.36		1964-12-07	68.56	
1964-11-05	71.04		1964-10-05	75.70	
1964-09-04	75.68		1964-08-06	76.04	
1964-07-08	72.98		1964-06-05	72.73	
1964-05-06	69.66		1964-04-06	71.51	
1964-03-16	69.97		1964-02-14	65.32	
1964-01-15	64.60		1963-12-13	63.52	
1963-11-14	64.91		1963-10-14	68.39	
1963-09-13	71.08		1963-08-15	72.31	
1963-07-17	71.05		1963-06-20	69.15	
1963-05-17	65.39		1963-04-17	67.63	
1963-03-18	64.66		1963-02-14	59.36	
1963-01-09	57.94		1962-12-10	60.15	
1962-11-15	60.21		1962-10-12	64.57	
1962-09-10	67.23		1962-08-02	67.90	
1962-07-25	66.85		1962-07-02	66.08	
1962-05-31	63.48		1962-04-25	60.52	
1962-03-09	58.84		1962-02-08	55.70	
1962-01-08	57.04		1961-12-08	55.67	
1961-11-29	55.72		1961-11-09	57.02	
1961-10-12	60.71		1961-09-08	63.85	
1961-08-10	64.60		1961-07-12	63.22	
1961-06-12	61.11		1961-05-11	55.36	
1961-04-10	59.30		1961-03-08	57.29	
1961-02-03	51.60		1961-01-04	53.27	
1960-12-02	52.85		1960-11-04	54.14	
1960-10-06	56.24		1960-09-09	58.50	
1960-08-05	61.50		1960-07-08	59.33	
1960-06-10	57.33		1960-05-11	54.94	
1960-04-13	56.64		1960-04-01	55.53	
1960-03-08	50.60		1960-02-17	48.20	
1960-01-16	48.68		1959-12-16	49.88	
1959-11-16	50.55		1959-10-16	53.18	
1959-09-16	53.50		1959-08-14	57.09	
1959-07-15	55.67		1959-06-12	51.72	
1959-05-14	51.48		1959-04-16	51.98	
1959-03-16	51.65		1959-02-16	47.08	
1959-01-12	47.44		1958-11-24	44.51	
1958-10-23	46.13		1958-09-22	48.28	
1958-08-22	51.01		1958-07-24	50.43	
1958-06-23	47.60		1958-05-23	44.87	
1958-04-21	46.36		1958-03-24	44.73	
1958-02-24	40.07		1957-12-23	41.48	
1957-11-22	41.76		1957-10-23	44.33	
1957-09-23	44.56		1957-08-23	44.27	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1957-07-22	43.94		1957-06-21	43.54	
1957-04-22	42.76		1953-08-27	38.39	
1953-06-17	36.84		1953-05-28	34.97	
1953-05-22	34.97		1953-04-16	36.44	
1953-03-24	33.68		1953-02-24	31.57	
1953-01-21	31.87		1952-12-13	32.58	
1952-12-12	32.70		1952-11-26	33.85	
1952-10-16	34.39		1952-06-11	34.37	
1952-05-21	34.05		1952-05-06	34.16	
1952-04-15	34.07		1952-03-25	28.99	
1952-02-14	29.60		1952-02-05	29.69	
1952-01-15	30.02		1951-12-19	30.24	
1951-11-19	31.98		1951-11-05	32.47	
1951-10-19	33.30		1951-09-19	34.34	
1951-09-05	35.83		1951-07-08	34.60	
1950-07-14	34.15		1950-06-21	33.64	
1950-04-04	33.94		1945-01-05	26.29	
1944-10-13	28.34				

I49
WSW
1/2 - 1 Mile
Lower

NV WELLS **NV400000021314**

Well log:	62120	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/14/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CLIFT, BARRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/04/1977	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	32		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	7484A	Date updat:	05/02/1997
Contract 1:	CHARLES NYBERG WELL DRILLING	Well start:	03/01/1977
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048	Gravel p 2:	0
Contract 3:	0		
Driller li:	725		
User id:	KCOON		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	597634.466285		
Utm y:	4000714.77999		
Site id:	NV4000000021314		

**150
WSW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021315

Well log:	62127	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/22/1976	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	SALARTS, WAYNE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/12/1976	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	28		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	08/09/1976
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 597634.466285
 Utm y: 4000714.77999
 Site id: NV4000000021315

**I51
 WSW
 1/2 - 1 Mile
 Lower**

NV WELLS NV4000000021316

Well log:	62135	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/17/1975	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	WHITLOW, JACK		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/14/1974	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	120	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	120
Csng diame:	8.62		
Csng reduc:	0	Top perf:	80
Bottom per:	120	Perf inter:	1
Static wl:	24		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	50	Gravel p 2:	120
Utm x:	597634.466285		
Utm y:	4000714.77999		
Site id:	NV4000000021316		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

52
SW
1/2 - 1 Mile
Lower

FED USGS USGS3099508

Agency cd:	USGS	Site no:	360833115543201
Site name:	162 S21 E54 09ACA 1	EDR Site id:	USGS3099508
Latitude:	360833	Dec lat:	36.14246333
Longitude:	1155432	Coor meth:	M
Dec lon:	-115.90974436	Latlong datum:	NAD27
Coor accr:	F	District:	32
Dec latlong datum:	NAD83	County:	023
State:	32	Land net:	NESWNES09 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		
Altitude:	2740.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	162		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1972-02-23	Ground water data end date:	1975-03-03
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel		Date	Feet below Surface	Feet to Sealevel
-----				-----		
1975-03-03	26.20			1972-02-23	22.20	

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
12	12	0	0	1.35	2.9

Federal EPA Radon Zone for NYE County: 2

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

Federal Area Radon Information for NYE COUNTY, NV

Number of sites tested: 111

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.539 pCi/L	96%	4%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.557 pCi/L	43%	57%	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 and 2005 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

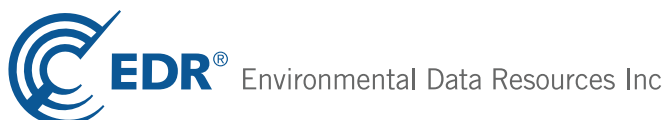
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Mt. Falls Gateway

6125 East Mountain Falls Boulevard
Pahrump, NV 89061

Inquiry Number: 3292080.2s
March 28, 2012

The EDR Radius Map™ Report with GeoCheck®



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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

6125 EAST MOUNTAIN FALLS BOULEVARD
PAHRUMP, NV 89061

COORDINATES

Latitude (North): 36.1542000 - 36° 9' 15.12"
Longitude (West): 115.9027000 - 115° 54' 9.72"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 598708.4
UTM Y (Meters): 4001408.5
Elevation: 2776 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36115-B8 PAHRUMP, NV
Most Recent Revision: 1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 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

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

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

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
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
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)

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
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
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
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plan Operation Data
COAL ASH.....	Coal Ash Disposal Sites
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

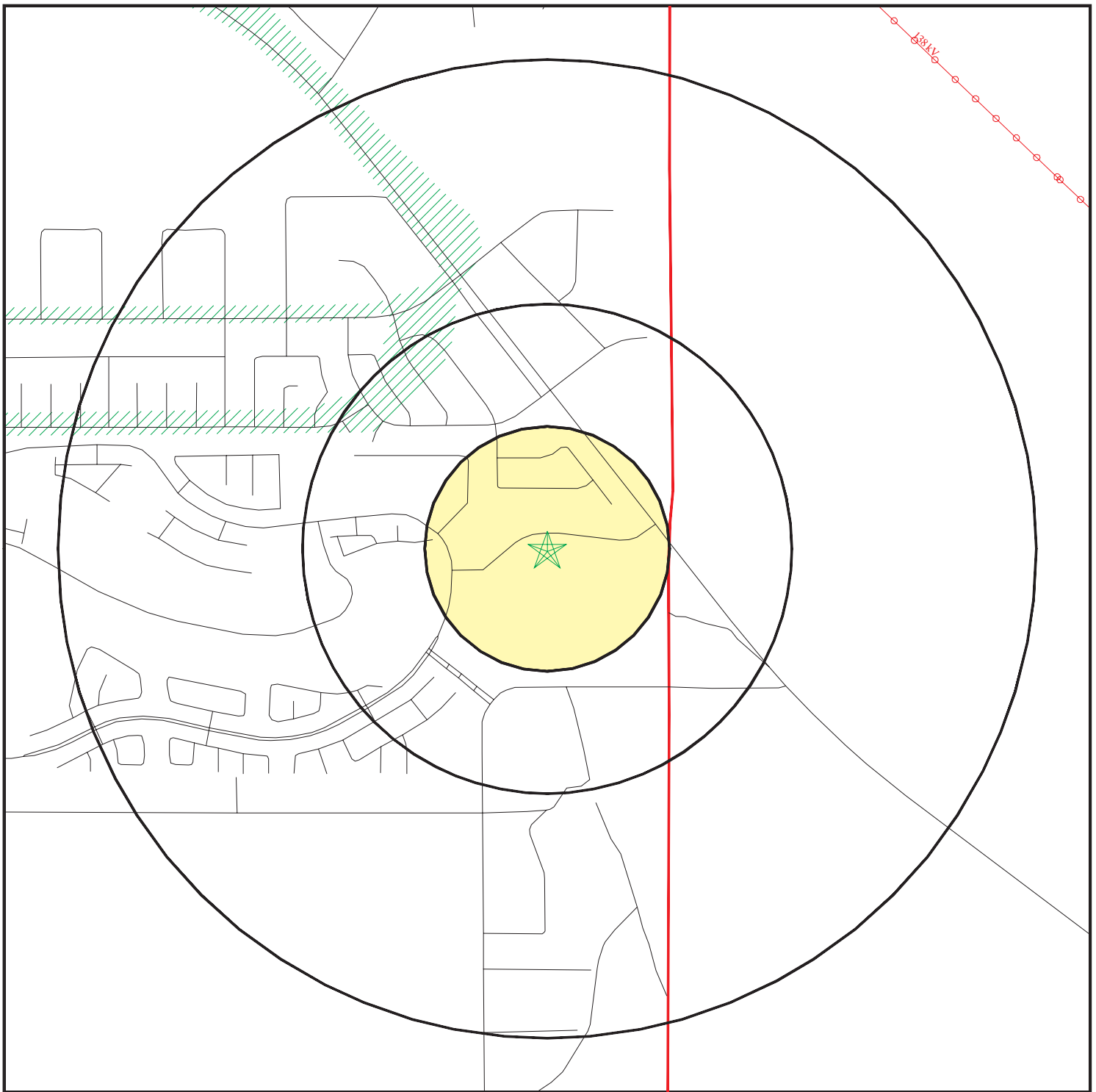
Unmappable (orphan) sites are not considered in the foregoing analysis.

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>
WALMART - PARKING LOT BINS (24/7)	SWRCY
LEE CANYON FIRE STATION	HWS
CACTUS SPRINGS TRUCK STOP	HWS
NEVADA DEPARTMENT OF TRANSPORTATIO	HWS
LOBO, INC. ACCIDENT	HWS
SONNENBURG MOBILE SOURCE	HWS
NEVADA DEPARTMENT OF TRANSPORTATIO	HWS
PREFERRED EQUITIES	HWS
NYE COUNTY MAINTENANCE YARD	HWS
E & R TRANSPORT MOBILE SOURCE	HWS
GREEN VALLEY GROCERY #22	UST
US AVESTOR LLC	FINDS,RCRA-NLR
USDA FOREST SERVICE KYLE CANYON	FINDS,RCRA-NLR
BLACKJACK FIREWORKS LLC	RCRA-NLR
NV ENERGY CHUCK LENZIE STATION	RCRA-CESQG
VALLEY ELECTRIC ASSOC	PADS,FINDS,RCRA-CESQG
MT CHARLESTON WATER COMPANY	FINDS
MOUNTAIN FALLS WATER SYSTEM UICN	FINDS
MOUNTAIN FALLS	FINDS
RIO TINTO / KINROSS	MINES

OVERVIEW MAP - 3292080.2s



- ★ 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
- County Boundary
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone

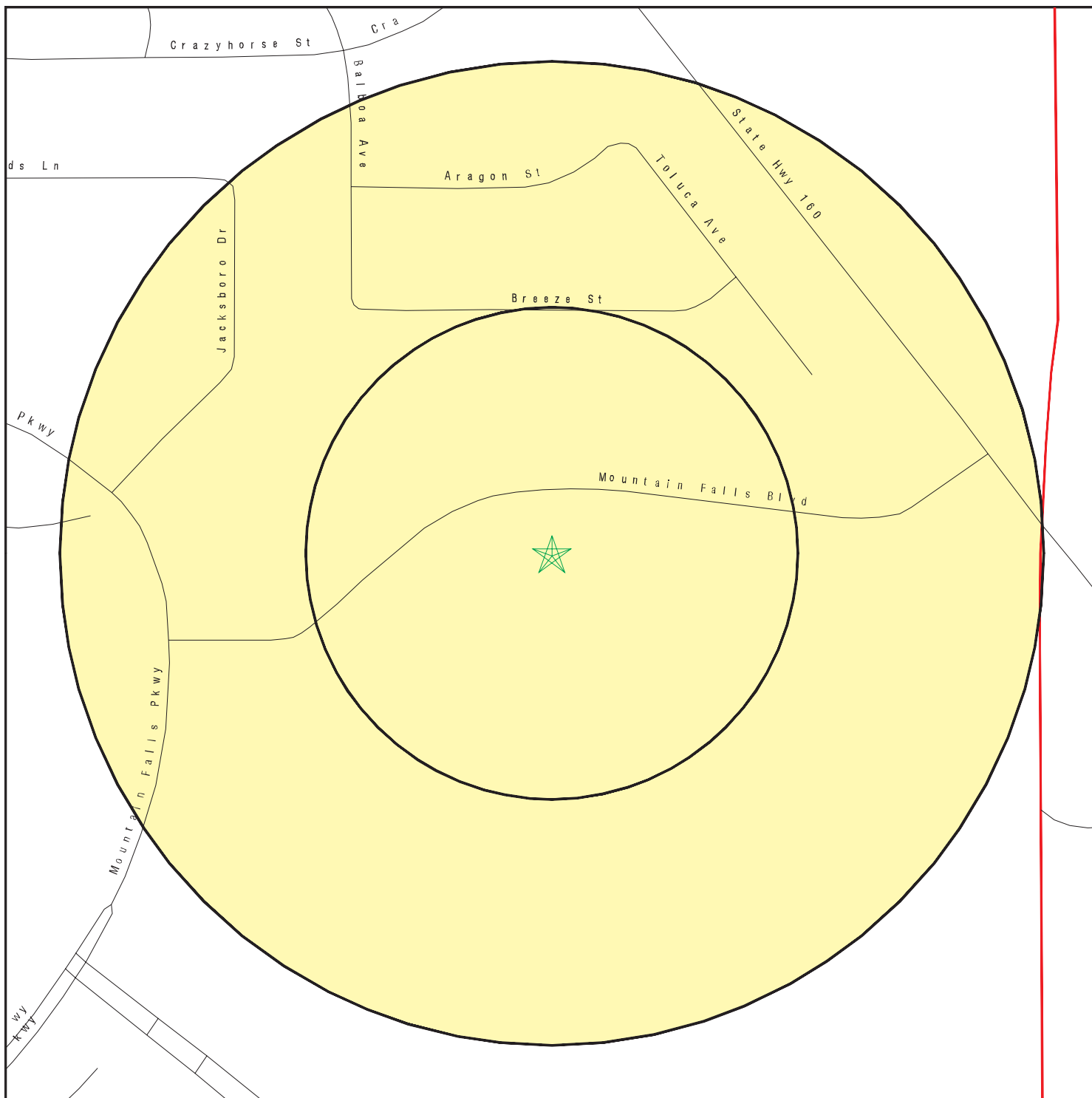









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

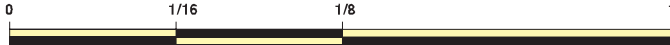






SITE NAME: Mt. Falls Gateway
 ADDRESS: 6125 East Mountain Falls Boulevard
 Pahrump NV 89061
 LAT/LONG: 36.1542 / 115.9027

CLIENT: BEC Environmental, Inc.
 CONTACT: Brian Loffman
 INQUIRY #: 3292080.2s
 DATE: March 28, 2012 7:57 pm

DETAIL MAP - 3292080.2s



-  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
-  County Boundary
-  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: Mt. Falls Gateway
 ADDRESS: 6125 East Mountain Falls Boulevard
 Pahrump NV 89061
 LAT/LONG: 36.1542 / 115.9027

CLIENT: BEC Environmental, Inc.
 CONTACT: Brian Loffman
 INQUIRY #: 3292080.2s
 DATE: March 28, 2012 7:58 pm

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	1.000		0	0	0	0	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
<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								
VCP	0.500		0	0	0	NR	NR	0
INDIAN 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
LUCIS	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	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	0	NR	0
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
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

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
PADS	TP		NR	NR	NR	NR	NR	0
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
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
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
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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

NO SITES FOUND

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LAS VEGAS	1000638936	US AVESTOR LLC	11101 US HWY 93 N	89124	FINDS,RCRA-NLR
PAHRUMP	1000833218	VALLEY ELECTRIC ASSOC	800 E HWY 372	89048	PADS,FINDS,RCRA-CESQG
LAS VEGAS	1000911881	USDA FOREST SERVICE KYLE CANYON	MILEPOST 3 HWY 157 18 MI W OF	89124	FINDS,RCRA-NLR
APEX	1004755435	NV ENERGY CHUCK LENZIE STATION	11405 U S HWY 93 NO	89124	RCRA-CESQG
MT CHARLESTON	1008381638	MT CHARLESTON WATER COMPANY	WATER UTILITY SERVICES	89124	FINDS
PAHRUMP	1008382414	MOUNTAIN FALLS WATER SYSTEM UICN	MOUNTAIN FALLS WATER	89048	FINDS
PAHRUMP	1011863359	BLACKJACK FIREWORKS LLC	4551 S HIGHWAY 160	89048	RCRA-NLR
PAHRUMP	1014805766	MOUNTAIN FALLS	MOUNTAIN FALLS	89061	FINDS
	M200000074	RIO TINTO / KINROSS	ROUND MOUNTAIN MINE		MINES
MT. CHARLESTON	S103877639	LEE CANYON FIRE STATION	STATE ROUTE 156		HWS
CACTUS SPRINGS	S103877695	CACTUS SPRINGS TRUCK STOP	99997 TONOPAH HIGHWAY	89124	HWS
MOUNTAIN SPRINGS	S106514230	NEVADA DEPARTMENT OF TRANSPORTATIO	STATE ROUTE 160 @ MILEPOST 21.	89124	HWS
PAHRUMP	S108250266	NYE COUNTY MAINTENANCE YARD	STATE ROUTE 160 @ BOOTHILL DRI		HWS
PAHRUMP	S108250292	PREFERRED EQUITIES	220 STATE ROUTE 160 AND 372		HWS
	S109521878	LOBO, INC. ACCIDENT	U.S. HIGHWAY 95 NEAR MILE MARK		HWS
	S109521957	SONNENBURG MOBILE SOURCE	U.S. HIGHWAY 95 NEAR MILE MARK		HWS
	S109943996	NEVADA DEPARTMENT OF TRANSPORTATIO	U.S. HIGHWAY 95 - 6 MILES SOUT		HWS
PAHRUMP	S111243478	WALMART - PARKING LOT BINS (24/7)	300 S HWY 160		SWRCY
PAHRUMP	S111335427	E & R TRANSPORT MOBILE SOURCE	STATE ROUTE 160 @ MILE MARKER		HWS
PAHRUMP	U004161431	GREEN VALLEY GROCERY #22	51 E HIGHWAY 372	89048	UST

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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/15/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 02/27/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/23/2012
	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: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 02/27/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/18/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 10/12/2011	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 12/27/2011	Telephone: 775-687-5872
Date Made Active in Reports: 01/11/2012	Last EDR Contact: 03/28/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Varies

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

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: 01/17/2012	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 03/07/2012	Telephone: 775-687-5872
Date Made Active in Reports: 03/26/2012	Last EDR Contact: 03/07/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2011	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 12/27/2011	Telephone: 775-687-5872
Date Made Active in Reports: 01/11/2012	Last EDR Contact: 03/28/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/09/2012
	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: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Semi-Annually

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/14/2012
	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: 12/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/07/2011	Telephone: 415-972-3372
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

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	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/14/2012
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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: 10/12/2011
Date Data Arrived at EDR: 12/27/2011
Date Made Active in Reports: 01/11/2012
Number of Days to Update: 15

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 01/10/2000
Date Data Arrived at EDR: 01/11/2000
Date Made Active in Reports: 02/16/2000
Number of Days to Update: 36

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

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: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

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).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 12/30/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
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.

Date of Government Version: 10/12/2011
Date Data Arrived at EDR: 12/27/2011
Date Made Active in Reports: 01/11/2012
Number of Days to Update: 15

Source: Division of Environmental Protection
Telephone: 775-687-9384
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

SWRCY: Recycling Information Listing

A listing of recycling facilities in Nevada.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 03/26/2012
Number of Days to Update: 31

Source: Department of Environmental Protection
Telephone: 775-687-9463
Last EDR Contact: 02/22/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
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: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	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: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/14/2012
	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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/20/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/04/2012
	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: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

Other Ascertainable Records

RCRA-NonGen: 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: 11/10/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2012	Telephone: (415) 495-8895
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 01/05/2012
Number of Days to Update: 67	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
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: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/07/2012
Next Scheduled EDR Contact: 06/18/2012
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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 01/12/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/23/2012
	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: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/13/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/25/2012
	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

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: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/27/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Biennially

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 12/29/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/30/2011	Telephone: 775-687-9414
Date Made Active in Reports: 01/11/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2011
Date Data Arrived at EDR: 03/31/2011
Date Made Active in Reports: 05/13/2011
Number of Days to Update: 43

Source: Division of Environmental Protection
Telephone: 775-687-9359
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
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
Date Data Arrived at EDR: 08/05/2008
Date Made Active in Reports: 08/13/2008
Number of Days to Update: 8

Source: State Emergency Response Commission
Telephone: 775-687-6973
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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.

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: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
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: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered 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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/03/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE: 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: 03/26/2012
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/09/2012
	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: 03/16/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information

Solid waste facility financial assurance information.

Date of Government Version: 01/25/2012	Source: Division of Environmental Protection
Date Data Arrived at EDR: 01/31/2012	Telephone: 775-687-9477
Date Made Active in Reports: 02/07/2012	Last EDR Contact: 01/26/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/07/2012
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash plants.

Date of Government Version: 03/16/2011	Source: Division of Environmental Protection
Date Data Arrived at EDR: 03/18/2011	Telephone: 775-687-9477
Date Made Active in Reports: 05/06/2011	Last EDR Contact: 03/19/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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

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: 12/27/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 32

Source: Washoe County Department of Environmental Health
Telephone: 775-328-2493
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
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: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and 2005 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.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MT. FALLS GATEWAY
6125 EAST MOUNTAIN FALLS BOULEVARD
PAHRUMP, NV 89061

TARGET PROPERTY COORDINATES

Latitude (North):	36.1542 - 36° 9' 15.12"
Longitude (West):	115.9027 - 115° 54' 9.72"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	598708.4
UTM Y (Meters):	4001408.5
Elevation:	2776 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36115-B8 PAHRUMP, NV
Most Recent Revision:	1984

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).

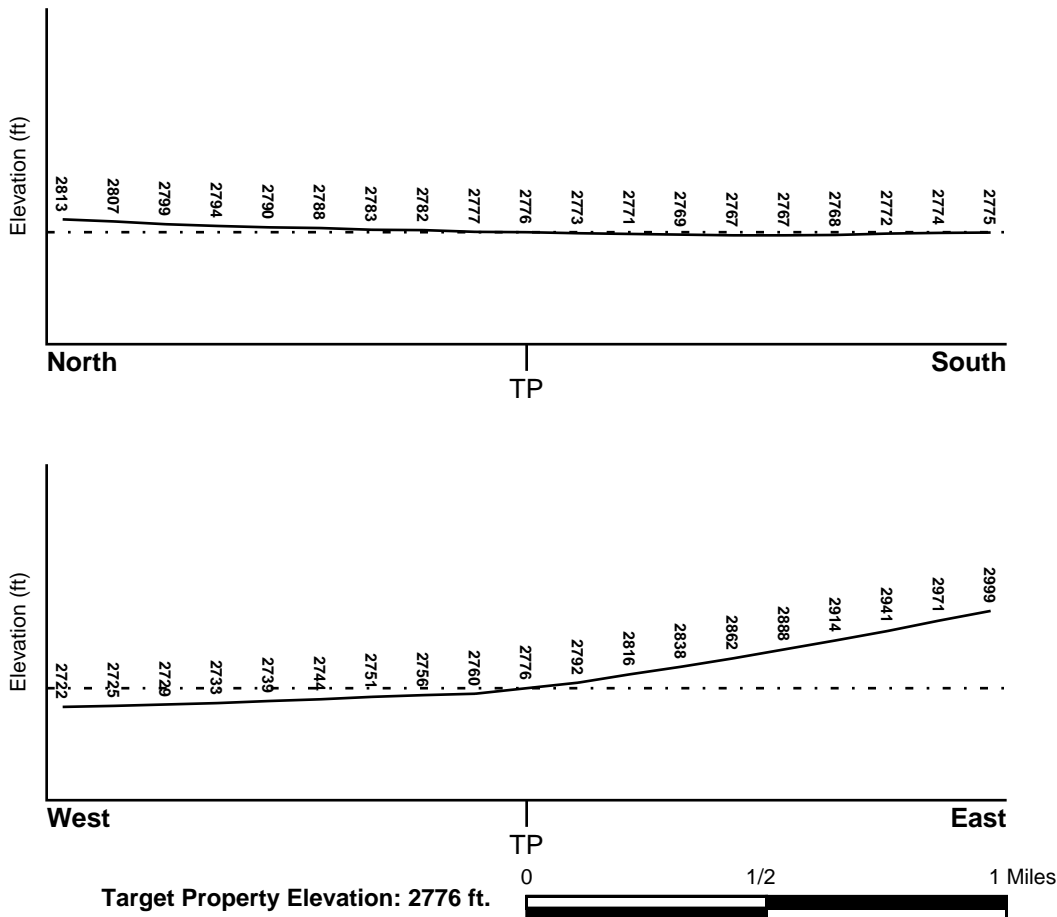
TOPOGRAPHIC INFORMATION

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 West

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:	32003C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

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

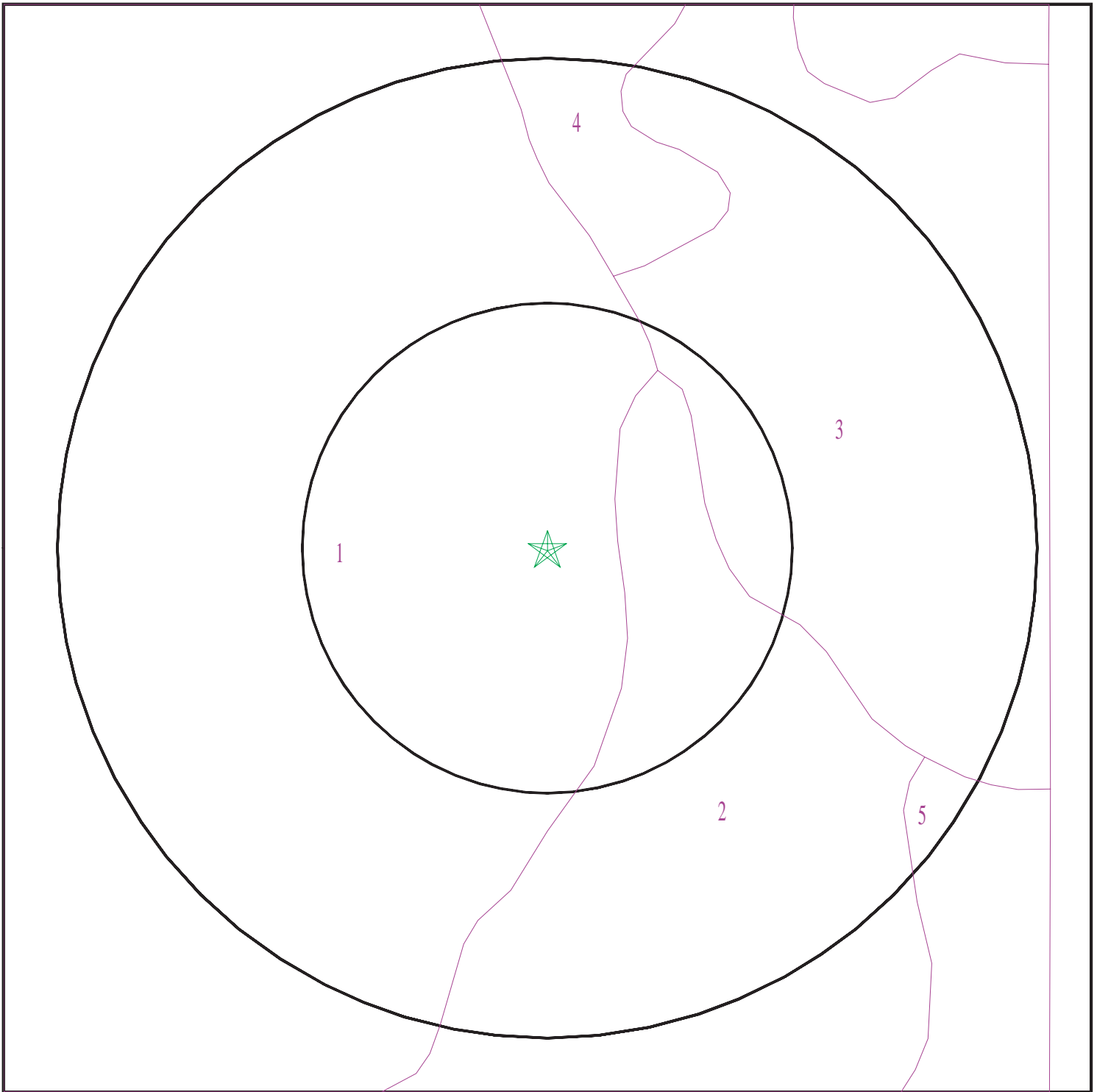
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (<i>decoded above as Era, System & Series</i>)

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 - 3292080.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Mt. Falls Gateway
ADDRESS: 6125 East Mountain Falls Boulevard
Pahrump NV 89061
LAT/LONG: 36.1542 / 115.9027

CLIENT: BEC Environmental, Inc.
CONTACT: Brian Loffman
INQUIRY #: 3292080.2s
DATE: March 28, 2012 7:58 pm

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: Haymont

Soil Surface Texture: very 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: 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	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9
2	3 inches	40 inches	stratified very fine sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9

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		
3	40 inches	59 inches	stratified fine sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9

Soil Map ID: 2

Soil Component Name: Yermo

Soil Surface Texture: very 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	5 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 9 Min: 7.9

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	5 inches	59 inches	stratified extremely gravelly sandy loam to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: Corbit

Soil Surface Texture: gravelly loamy fine sand

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 loamy fine sand	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: 9.6 Min: 7.9

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	59 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: 9.6 Min: 7.9

Soil Map ID: 4

Soil Component Name: Pahrump

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine 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	1 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5
2	1 inches	16 inches	stratified very fine sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 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		
3	16 inches	42 inches	stratified very gravelly silt loam to very gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5
4	42 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 8.5

Soil Map ID: 5

Soil Component Name: Commski

Soil Surface Texture: very 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: 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	5 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 14 Min: 4	Max: 9 Min: 7.9

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	5 inches	14 inches	extremely gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 14 Min: 4	Max: 9 Min: 7.9
3	14 inches	59 inches	extremely gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 14 Min: 4	Max: 9 Min: 7.9

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	USGS3099575	0 - 1/8 Mile NNW
2	USGS3099574	1/8 - 1/4 Mile WNW
17	USGS3099571	1/4 - 1/2 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E27	USGS3099546	1/4 - 1/2 Mile SE
51	USGS3099508	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

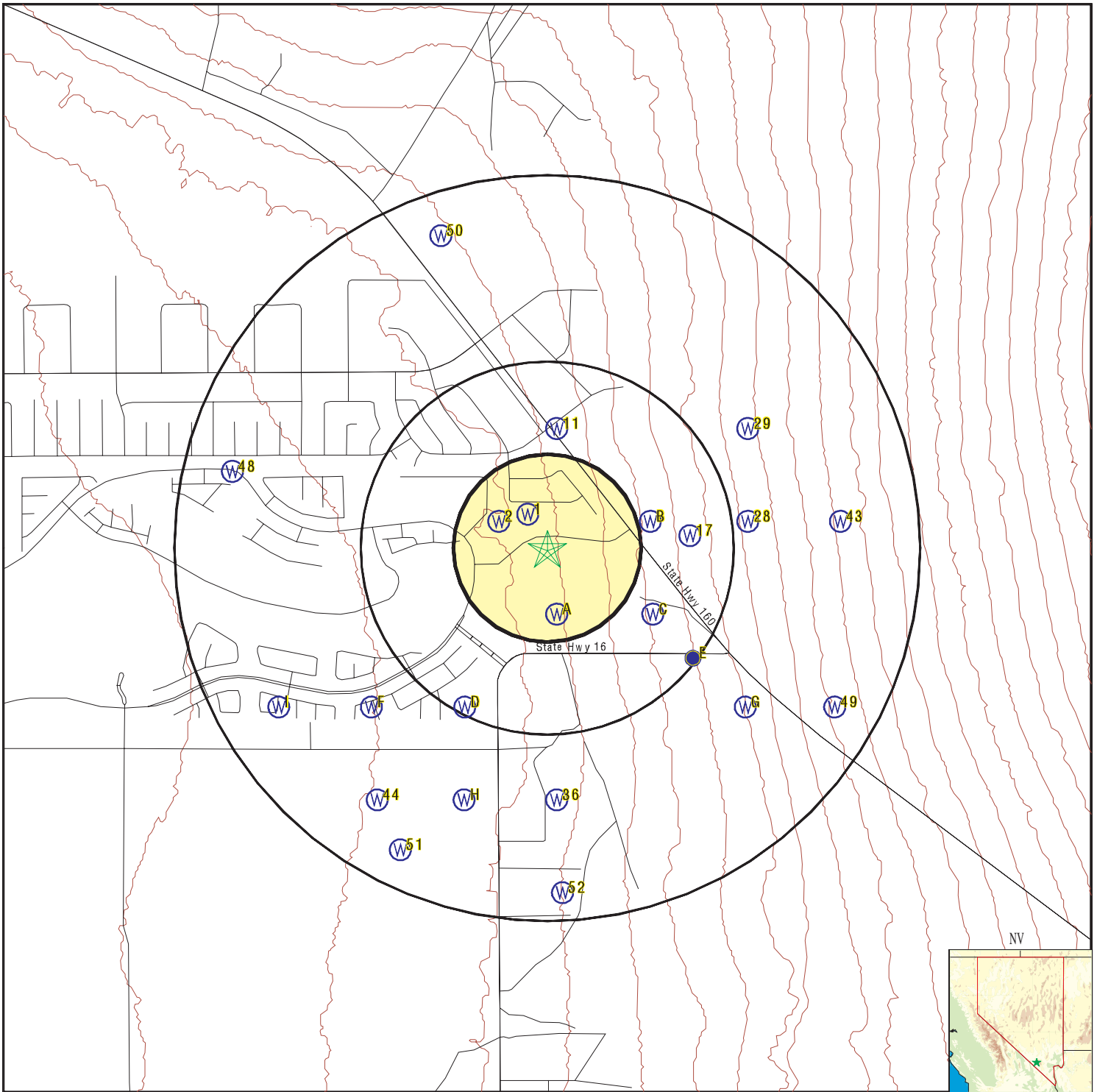
MAP ID	WELL ID	LOCATION FROM TP
A3	NV4000000021696	1/8 - 1/4 Mile South
A4	NV4000000021697	1/8 - 1/4 Mile South
B5	NV4000000022296	1/4 - 1/2 Mile ENE
B6	NV4000000022295	1/4 - 1/2 Mile ENE
B7	NV4000000022297	1/4 - 1/2 Mile ENE
B8	NV4000000022299	1/4 - 1/2 Mile ENE
B9	NV4000000022298	1/4 - 1/2 Mile ENE
B10	NV4000000022300	1/4 - 1/2 Mile ENE
11	NV4000000023049	1/4 - 1/2 Mile North
C12	NV4000000021698	1/4 - 1/2 Mile ESE
C13	NV4000000021699	1/4 - 1/2 Mile ESE
C14	NV4000000021703	1/4 - 1/2 Mile ESE
C15	NV4000000021700	1/4 - 1/2 Mile ESE
C16	NV4000000021701	1/4 - 1/2 Mile ESE
D18	NV4000000021327	1/4 - 1/2 Mile SSW
D19	NV4000000021322	1/4 - 1/2 Mile SSW
D20	NV4000000021321	1/4 - 1/2 Mile SSW
D21	NV4000000021320	1/4 - 1/2 Mile SSW
D22	NV4000000021323	1/4 - 1/2 Mile SSW
D23	NV4000000021326	1/4 - 1/2 Mile SSW
D24	NV4000000021325	1/4 - 1/2 Mile SSW
D25	NV4000000021324	1/4 - 1/2 Mile SSW
E26	NV4000000021673	1/4 - 1/2 Mile SE
28	NV4000000022301	1/2 - 1 Mile East
29	NV4000000023050	1/2 - 1 Mile ENE
F30	NV4000000021317	1/2 - 1 Mile SW
F31	NV4000000021318	1/2 - 1 Mile SW
F32	NV4000000021319	1/2 - 1 Mile SW
G33	NV4000000021328	1/2 - 1 Mile SE
G34	NV4000000021329	1/2 - 1 Mile SE
G35	NV4000000021330	1/2 - 1 Mile SE
36	NV4000000020661	1/2 - 1 Mile South
G37	NV4000000021332	1/2 - 1 Mile SE
G38	NV4000000021331	1/2 - 1 Mile SE
G39	NV4000000021334	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

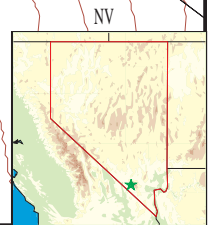
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
G40	NV4000000021333	1/2 - 1 Mile SE
H41	NV4000000020659	1/2 - 1 Mile SSW
H42	NV4000000020660	1/2 - 1 Mile SSW
43	NV4000000022302	1/2 - 1 Mile East
44	NV4000000020658	1/2 - 1 Mile SW
I45	NV4000000021314	1/2 - 1 Mile WSW
I46	NV4000000021315	1/2 - 1 Mile WSW
I47	NV4000000021316	1/2 - 1 Mile WSW
48	NV4000000022844	1/2 - 1 Mile WNW
49	NV4000000021335	1/2 - 1 Mile ESE
50	NV4000000024861	1/2 - 1 Mile NNW
52	NV4000000019926	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 3292080.2s



- County Boundary
- Major Roads
- Contour Lines
- 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: Mt. Falls Gateway
 ADDRESS: 6125 East Mountain Falls Boulevard
 Pahrump NV 89061
 LAT/LONG: 36.1542 / 115.9027

CLIENT: BEC Environmental, Inc.
 CONTACT: Brian Loffman
 INQUIRY #: 3292080.2s
 DATE: March 28, 2012 7:58 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NNW
0 - 1/8 Mile
Lower

FED USGS USGS3099575

Agency cd:	USGS	Site no:	360920115541001
Site name:	162 S21 E54 03ADC 1 Spring	EDR Site id:	USGS3099575
Latitude:	360920	Dec lat:	36.1555186
Longitude:	1155410	Coor meth:	M
Dec lon:	-115.90363342	Latlong datum:	NAD27
Coor accr:	U	District:	32
Dec latlong datum:	NAD83	County:	023
State:	32	Land net:	SWSENES03 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		
Altitude:	2780.		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIAL FAN DEPOSITS		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
WNW
1/8 - 1/4 Mile
Lower

FED USGS USGS3099574

Agency cd:	USGS	Site no:	360919115541501
Site name:	162 S21 E54 03BCB 1 Manse Spring	EDR Site id:	USGS3099574
Latitude:	360919	Dec lat:	36.15524082
Longitude:	1155415	Coor meth:	M
Dec lon:	-115.90502234	Latlong datum:	NAD27
Coor accr:	S	District:	32
Dec latlong datum:	NAD83	County:	023
State:	32	Land net:	NWSWNWS03 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	2760.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	162		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A3
South
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000021696

Well log:	41539	App:	66920
Notice of :	10860	Waiver no:	Not Reported
Date log r:	06/29/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, WADE		
Owner addr:	CASS RD		
Owner no:	Not Reported		
Parcel no:	45-011-04	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/11/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	140	Perf inter:	1
Static wl:	47		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	02/20/1997
Contractor:	30880	Date updat:	12/23/2004
Contract 1:	GREAT BASIN DRILLING	Well start:	10/15/1989
Contract 2:	P O BOX 4220 PAHRUMP NV 89041	Gravel p 2:	0
Contract 3:	0		
Driller li:	1642		
User id:	KLOHAIR		
Update use:	DBRANTLEY		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	598829.482011		
Utm y:	4001128.81435		
Site id:	NV4000000021696		

**A4
South
1/8 - 1/4 Mile
Higher**

NV WELLS NV4000000021697

Well log:	62095	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/10/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	AUSTIN, TOM		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/04/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8		
Csng reduc:	0	Top perf:	80
Bottom per:	160	Perf inter:	1
Static wl:	45		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	12/23/2004
Edit statu:	F	Well start:	03/01/1980
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 598829.482011
 Utm y: 4001128.81435
 Site id: NV4000000021697

**B5
 ENE
 1/4 - 1/2 Mile
 Higher**

NV WELLS NV4000000022296

Well log:	4508	App:	10571
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/06/1949	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw n:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CORNELL, HAROLD D		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported		
Lot no:	Not Reported		
Well finis:	11/23/1940	Subdivisio:	Not Reported
Gravel pac:	Not Reported	Block no:	Not Reported
Depth dril:	720	Date cmplt:	D
Aquifer de:	Not Reported	Depth seal:	0
Csng diame:	16	Depth bedr:	0
Csng reduc:	1	Depth case:	586
Bottom per:	520	Top perf:	300
Static wl:	0	Perf inter:	1
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	8	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	08/13/1996
Edit statu:	F	Well start:	08/12/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022296		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B6
ENE
1/4 - 1/2 Mile
Higher

NV WELLS NV4000000022295

Well log:	1093	App:	12547
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/06/1949	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, E S		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/14/1949	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	730	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	228
Csng diame:	14		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	08/13/1996
Edit statu:	F	Well start:	04/24/1949
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022295		

B7
ENE
1/4 - 1/2 Mile
Higher

NV WELLS NV4000000022297

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	11018	App:	10571
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/07/1970	Date log 1:	D
Site type:	N	Work type:	S
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, MURTON		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/11/1970	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	450	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	450
Csng diame:	16		
Csng reduc:	1	Top perf:	60
Bottom per:	450	Perf inter:	1
Static wl:	43		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7479A		
Contract 1:	FLOYDS CONSTRUCTION		
Contract 2:	PO BOX 157 PAHRUMP NV		
Contract 3:	0		
Driller li:	476	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	Not Reported	Date updat:	08/13/1996
Edit statu:	F	Well start:	08/26/1969
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022297		

**B8
ENE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000022299

Well log:	62096	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1971	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, E S		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/02/1962	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	330	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	90
Csng diame:	12.75		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	52		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	4509		
Contract 1:	STANLEY FORD		
Contract 2:	STAR RTE BOX 5430 PAHRUMP NV		
Contract 3:	0		
Driller li:	47	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	user15	Date updat:	04/29/1997
Edit statu:	F	Well start:	10/10/1961
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022299		

**B9
ENE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000022298

Well log:	11478	App:	10571
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1971	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, MURTON		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/10/1971	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	652	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	652
Csng diame:	16		
Csng reduc:	2	Top perf:	60
Bottom per:	652	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	1800		
Drawdown:	180		
Hours pump:	24		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7479A		
Contract 1:	FLOYDS CONSTRUCTION		
Contract 2:	PO BOX 157 PAHRUMP NV		
Contract 3:	0		
Driller li:	476	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	Not Reported	Date updat:	08/13/1996
Edit statu:	F	Well start:	06/11/1970
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599224.763123		
Utm y:	4001533.89475		
Site id:	NV4000000022298		

**B10
ENE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000022300

Well log:	12037	App:	11571
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1971	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	Z	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CORNELL, HAROLD		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/30/1940	Date cmplt:	M
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	720	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G		
Remarks:	COMPLETE LOG IN PERMIT 10571		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	J N LARD MOSS CO		
Contract 2:	4360 WORTH ST LOS ANGELES CA		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	MTHORSON	Date entry:	07/12/2005
Update use:	AMORI	Date updat:	10/27/2005
Edit statu:	F	Well start:	08/01/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599249.751419		
Utm y:	4001534.17864		
Site id:	NV4000000022300		

**11
North
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000023049

Well log:	84259	App:	65744
Notice of :	22405	Waiver no:	Not Reported
Date log r:	09/24/2001	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	C	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	JOHNSON, ELMER		
Owner addr:	4141 S FRONTAGE RD		
Owner no:	Not Reported		
Parcel no:	37-283-10	Subdivisio:	CALVADA VALLEY
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/03/2001	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	315	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	315
Csng diame:	6.625		
Csng reduc:	0	Top perf:	120
Bottom per:	315	Perf inter:	4
Static wl:	120		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	10/24/2001
Contractor:	47333	Date updat:	09/15/2004
Contract 1:	GREAT BASIN DRILLING CO	Well start:	08/02/2001
Contract 2:	P O BOX 4220 PAHRUMP NV 89041	Gravel p 2:	315
Contract 3:	0		
Driller li:	1642		
User id:	DBRANTLEY		
Update use:	DBRANTLEY		
Edit statu:	F		
Gravel p 1:	50		
Utm x:	598820.418559		
Utm y:	4001929.91027		
Site id:	NV4000000023049		

**C12
ESE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000021698

Well log:	12038	App:	10572
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/10/1980	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CORNELL, H D		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/22/1941	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	730	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	574
Csng diame:	20		
Csng reduc:	1	Top perf:	500
Bottom per:	560	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	08/13/1996
Edit statu:	F	Well start:	11/18/1940
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599229.312991
 Utm y: 4001133.34672
 Site id: NV4000000021698

**C13
 ESE
 1/4 - 1/2 Mile
 Higher**

NV WELLS NV4000000021699

Well log:	26905	App:	Not Reported
Notice of :	2012	Waiver no:	Not Reported
Date log r:	03/10/1980	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	NYBERG, CHARLES		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported		
Lot no:	Not Reported		
Well finis:	03/15/1985	Subdivisio:	Not Reported
Gravel pac:	Y	Block no:	Not Reported
Depth dril:	274	Date cmplt:	D
Aquifer de:	Not Reported	Depth seal:	50
Csng diame:	8	Depth bedr:	0
Csng reduc:	0	Depth case:	274
Bottom per:	274	Top perf:	200
Static wl:	72	Perf inter:	1
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	B	Qual const:	Not Reported
Qual lith :	Not Reported		
Remarks ad:	Not Reported		
Contractor:	7484		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	STAR RTE BOX 36525 PAHRUMP NV		
Contract 3:	725		
Driller li:	725	Source age:	NV003
User id:	Not Reported	Date entry:	07/24/1996
Update use:	Not Reported	Date updat:	08/13/1996
Edit statu:	F	Well start:	11/18/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599229.312991		
Utm y:	4001133.34672		
Site id:	NV4000000021699		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C14
ESE
1/4 - 1/2 Mile
Higher

NV WELLS NV4000000021703

Well log:	62100	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1980	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, LYLE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/20/1962	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	155	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	155
Csng diame:	8		
Csng reduc:	0	Top perf:	81
Bottom per:	155	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	3		
Drawdown:	0		
Hours pump:	0		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	4509		
Contract 1:	STANLEY FORD		
Contract 2:	STAR RTE BOX 5430 PAHRUMP NV		
Contract 3:	0		
Driller li:	47	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	MSIVAZLIAN	Date updat:	02/23/2009
Edit statu:	F	Well start:	01/06/1962
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599254.226851		
Utm y:	4001133.83852		
Site id:	NV4000000021703		

C15
ESE
1/4 - 1/2 Mile
Higher

NV WELLS NV4000000021700

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	62094	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	ANDERSON, L O		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/11/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	342	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	342
Csng diame:	8		
Csng reduc:	0	Top perf:	140
Bottom per:	342	Perf inter:	1
Static wl:	59		
Temperatur:	0		
Yield:	40		
Drawdown:	115		
Hours pump:	12		
Test metho:	P	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	DBRANTLEY	Date updat:	12/23/2004
Edit statu:	F	Well start:	07/29/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599254.302434		
Utm y:	4001133.63061		
Site id:	NV4000000021700		

**C16
ESE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000021701

Well log:	62102	App:	19030
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1980	Date log 1:	Not Reported
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, EDGAR		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/19/1972	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	250	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	250
Csng diame:	8		
Csng reduc:	0	Top perf:	160
Bottom per:	250	Perf inter:	1
Static wl:	77		
Temperatur:	0		
Yield:	10		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	BOX 807 B PAHRUMP NV		
Contract 3:	0		
Driller li:	418	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	DBRANTLEY	Date updat:	12/23/2004
Edit statu:	F	Well start:	08/16/1972
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599254.302434		
Utm y:	4001133.63061		
Site id:	NV4000000021701		

**17
East
1/4 - 1/2 Mile
Higher**

FED USGS USGS3099571

Agency cd:	USGS	Site no:	360917115534201
Site name:	162 S20 E54 03ACB 1		
Latitude:	360917	EDR Site id:	USGS3099571
Longitude:	1155342	Dec lat:	36.15468536
Dec lon:	-115.89585542	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	NWSWNE03 T20S R54E M
Location map:	PAHRUMP, NV	Map scale:	24000
Altitude:	2840.		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1985-06-27
Water quality data end date:	1994-08-13	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

D18
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021327

Well log:	101972	App:	71148
Notice of :	30192	Waiver no:	Not Reported
Date log r:	12/19/2006	Date log 1:	D
Site type:	N	Work type:	S
Work type :	Not Reported		
Proposed u:	C	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	SULLIVAN, MICHAEL		
Owner addr:	5170 E MANSE		
Owner no:	Not Reported		
Parcel no:	45-031-15	Subdivisio:	CHRISTENSEN ROS
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/03/2006	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	6.62		
Csng reduc:	0	Top perf:	160
Bottom per:	200	Perf inter:	1
Static wl:	58		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	01/09/2007
Contractor:	40277	Date updat:	07/01/1998
Contract 1:	STRICKLAND CONSTRUCTION CO INC	Well start:	11/03/2006
Contract 2:	5801 S HOMESTEAD RD PAHRUMP NV 89048	Gravel p 2:	200
Contract 3:	0		
Driller li:	2086		
User id:	SGARDELLA		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	50		
Utm x:	598459.154577		
Utm y:	4000724.03443		
Site id:	NV4000000021327		

D19
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021322

Well log:	62110	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/26/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHARBONNEAU, ROGER		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/23/1977	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	40		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	07/19/1977
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 598434.164011
 Utm y: 4000723.75285
 Site id: NV4000000021322

D20
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021321

Well log:	62109	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/14/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BARRY, ANTHONY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported		
Lot no:	Not Reported		
Well finis:	03/07/1977	Subdivisio:	Not Reported
Gravel pac:	N	Block no:	Not Reported
Depth dril:	140	Date cmplt:	D
Aquifer de:	Not Reported	Depth seal:	50
Csng diame:	8	Depth bedr:	0
Csng reduc:	0	Depth case:	140
Bottom per:	140	Top perf:	60
Static wl:	42	Perf inter:	1
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	03/05/1977
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021321		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D21
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021320

Well log:	40520	App:	Not Reported
Notice of :	10412	Waiver no:	Not Reported
Date log r:	02/03/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	PELLICCIONI, JOE		
Owner addr:	MANSE RD		
Owner no:	Not Reported		
Parcel no:	45-031-08	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/23/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	140	Perf inter:	1
Static wl:	35		
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	17563		
Contract 1:	JIM PIKE WELL DRILLING		
Contract 2:	PO BOX 56 PAHRUMP NV		
Contract 3:	0		
Driller li:	1324	Source age:	NV003
User id:	KLOHAIR	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	04/01/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021320		

D22
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021323

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	62119	App:	Not Reported
Notice of :	1733	Waiver no:	Not Reported
Date log r:	07/12/1984	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHRISTENSEN, LYNN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/20/1984	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8		
Csng reduc:	0	Top perf:	80
Bottom per:	160	Perf inter:	1
Static wl:	44		
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	06/20/1984
Gravel p 1:	50	Gravel p 2:	160
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021323		

D23
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021326

Well log:	62128	App:	Not Reported
Notice of :	9041	Waiver no:	Not Reported
Date log r:	01/25/1991	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	SMITH, STUART		
Owner addr:	MANSE RD PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	45-031-08	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/22/1991	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	140	Perf inter:	1
Static wl:	51		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	1426		
Driller li:	1573	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	01/16/1991
Gravel p 1:	50	Gravel p 2:	140
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021326		

D24
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021325

Well log:	62126	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/17/1975	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ROGERS, JOHN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/12/1974	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	120	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	120
Csng diame:	8.62		
Csng reduc:	0	Top perf:	80
Bottom per:	120	Perf inter:	1
Static wl:	24		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	50	Gravel p 2:	120
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021325		

D25
SSW
1/4 - 1/2 Mile
Lower

NV WELLS NV4000000021324

Well log:	62122	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/28/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FORDE, TERRENCE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported		
Lot no:	Not Reported		
Well finis:	03/15/1978	Subdivisio:	Not Reported
Gravel pac:	Y	Block no:	Not Reported
Depth dril:	180	Date cmplt:	D
Aquifer de:	Not Reported	Depth seal:	50
Csng diame:	8.62	Depth bedr:	0
Csng reduc:	0	Depth case:	180
Bottom per:	180	Top perf:	120
Static wl:	48	Perf inter:	1
Temperatur:	0		
Yield:	28		
Drawdown:	12		
Hours pump:	1		
Test metho:	B	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	12344	Date updat:	07/01/1998
Contract 1:	WAYNE FLOYD PUMPS & DRILLING	Well start:	03/01/1978
Contract 2:	P O BOX 32A PAHRUMP NV	Gravel p 2:	180
Contract 3:	0		
Driller li:	643		
User id:	KCOON		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	50		
Utm x:	598434.164011		
Utm y:	4000723.75285		
Site id:	NV4000000021324		

**E26
SE
1/4 - 1/2 Mile
Higher**

NV WELLS NV4000000021673

Well log:	105036	App:	22735
Notice of :	32659	Waiver no:	Not Reported
Date log r:	03/05/2008	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV037
Lat long a:	H		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	SW CRNR HWY 160 & CAAS RD		
Owner no:	Not Reported		
Parcel no:	47-021-21	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/08/2008	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	720	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	720
Csng diame:	16		
Csng reduc:	0	Top perf:	300
Bottom per:	702	Perf inter:	1
Static wl:	19		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	04/22/2008
Update use:	RCLARK	Date updat:	04/25/2008
Edit statu:	F	Well start:	02/04/2008
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599406.98841
 Utm y: 4000941.1559
 Site id: NV4000000021673

E27
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS3099546

Agency cd:	USGS	Site no:	360900115534101
Site name:	162 S21 E54 03DCBB1	EDR Site id:	USGS3099546
Latitude:	360900	Dec lat:	36.14996326
Longitude:	1155341	Coor meth:	M
Dec lon:	-115.89557751	Latlong datum:	NAD27
Coor accr:	S	District:	32
Dec latlong datum:	NAD83	County:	003
State:	32	Land net:	NWSWSES03 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		
Altitude:	2893.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	16.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390824
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	970.	Hole depth:	970.
Source of depth data:	driller		
Project number:	473221746		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1949-02-22	Ground water data end date:	1974-10-24
Ground water data count:	29		

Ground-water levels, Number of Measurements: 29

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel

1974-10-24					
	Note: The site was being pumped.				
1974-07-24					
	Note: The site was being pumped.				
1974-03-14					
	Note: The site was being pumped.				
1973-11-21					
	Note: The site was being pumped.				
1973-05-22	88.24				
1973-01-31					
	Note: The site was being pumped.				
1972-10-12					
	Note: The site was being pumped.				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-06-08					
	Note: The site was being pumped.				
1972-03-21	89.00				
	Note: The site was being pumped.				
1971-12-02	34.76		1971-08-16	87.95	
1971-03-10					
	Note: The site was being pumped.				
1970-12-09	35.40				
1970-08-18	83.25				
	Note: The site was being pumped.				
1970-04-10	76.40				
	Note: The site was being pumped.				
1969-12-17	68.12				
	Note: The site was being pumped.				
1969-08-21	73.00				
	Note: The site was being pumped.				
1969-03-20	65.20				
1968-11-19					
	Note: The site was being pumped.				
1968-08-20					
	Note: The site was being pumped.				
1968-04-18					
	Note: The site was being pumped.				
1968-01-16	21.00				
1967-10-17					
	Note: The site was being pumped.				
1967-07-18					
	Note: The site was being pumped.				
1967-04-11					
	Note: The site was being pumped.				
1967-01-19					
	Note: The site was being pumped.				
1966-10-13	21.40				
1950-02-15					
	Note: The measurement was discontinued.				
1949-02-22	19.70				

**28
East
1/2 - 1 Mile
Higher**

NV WELLS NV4000000022301

Well log:	97752	App:	10599
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/30/1944	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	KELLOGG, LOIS		
Owner addr:	Not Reported		
Owner no:	24		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/26/1941	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	737	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	654
Csng diame:	18		
Csng reduc:	1	Top perf:	300
Bottom per:	630	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	WELL FLOWING AT 100 GPM		
Remarks ad:	Not Reported		
Contractor:	0		
Contract 1:	ROSCOE MOSS CO		
Contract 2:	4360 WORTH ST, L.A., CA		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	AMORI	Date entry:	12/08/2005
Update use:	AMORI	Date updat:	12/08/2005
Edit statu:	F	Well start:	11/18/1940
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599649.564256		
Utm y:	4001538.73065		
Site id:	NV4000000022301		

**29
ENE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000023050

Well log:	87569	App:	68801
Notice of :	24452	Waiver no:	Not Reported
Date log r:	01/27/2003	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AB

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	NW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	WULFENSTEIN, RAY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	47-021-01	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/17/2003	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	380	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	380
Csng diame:	8.625		
Csng reduc:	0	Top perf:	220
Bottom per:	380	Perf inter:	2
Static wl:	50		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/27/2003
Update use:	Not Reported	Date updat:	09/15/2004
Edit statu:	F	Well start:	01/16/2003
Gravel p 1:	50	Gravel p 2:	380
Utm x:	599644.994505		
Utm y:	4001939.27911		
Site id:	NV4000000023050		

**F30
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021317

Well log:	29796	App:	Not Reported
Notice of :	5430	Waiver no:	Not Reported
Date log r:	04/11/1988	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	AMSSOMS, PETER		
Owner addr:	MANSE BLVD PAHRUMP NV 89041		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/24/1988	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	160	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	140	Perf inter:	1
Static wl:	40		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	22059		
Contract 1:	S & H DRILLING		
Contract 2:	HCR 65 BOX 70906 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	NAFLECKS	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598034.315058		
Utm y:	4000719.25727		
Site id:	NV4000000021317		

**F31
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021318

Well log:	42357	App:	Not Reported
Notice of :	11420	Waiver no:	Not Reported
Date log r:	09/10/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ROUSH, LEO		
Owner addr:	5690 E MANSE RD		
Owner no:	Not Reported		
Parcel no:	45-031-07	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/17/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	140	Perf inter:	1
Static wl:	40		
Temperatur:	0		
Yield:	20		
Drawdown:	4		
Hours pump:	.25		
Test metho:	A	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	17563	Date updat:	07/01/1998
Contract 1:	JIM PIKE WELL DRILLING	Well start:	10/01/1974
Contract 2:	PO BOX 56 PAHRUMP NV	Gravel p 2:	0
Contract 3:	0		
Driller li:	1324		
User id:	KLOHAIR		
Update use:	dsdavis		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	598034.315058		
Utm y:	4000719.25727		
Site id:	NV4000000021318		

**F32
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021319

Well log:	62111	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/01/1976	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHARBONNEAU, ROGER		
Owner addr:	SUN RANCH RD PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/18/1974	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	120	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	120
Csng diame:	8.62		
Csng reduc:	0	Top perf:	90
Bottom per:	120	Perf inter:	1
Static wl:	38		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	04/01/1974
Gravel p 1:	50	Gravel p 2:	120

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 598034.315058
 Utm y: 4000719.25727
 Site id: NV4000000021319

**G33
 SE
 1/2 - 1 Mile
 Higher**

NV WELLS NV4000000021328

Well log:	35691	App:	Not Reported
Notice of :	8031	Waiver no:	Not Reported
Date log r:	10/29/1991	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, PERRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	410-590-014	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/23/1991	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	184		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	1462		
Driller li:	1642	Source age:	NV003
User id:	RJMATHIS	Date entry:	01/09/2007
Update use:	user15	Date updat:	08/02/1996
Edit statu:	F	Well start:	11/03/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599633.711966		
Utm y:	4000737.34943		
Site id:	NV4000000021328		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G34
SE
1/2 - 1 Mile
Higher

NV WELLS NV4000000021329

Well log:	62099	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/04/1974	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, PERRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/19/1974	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	120
Bottom per:	300	Perf inter:	1
Static wl:	72		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	BOX 807 B PAHRUMP NV		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	08/02/1996
Edit statu:	F	Well start:	01/15/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599633.711966		
Utm y:	4000737.34943		
Site id:	NV4000000021329		

G35
SE
1/2 - 1 Mile
Higher

NV WELLS NV4000000021330

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	62106	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	01/06/1981	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CROWTHER, BRENT		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/28/1980	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	297	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	297
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	297	Perf inter:	1
Static wl:	90		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	16521		
Contract 1:	C B CAPEHART		
Contract 2:	4425 STACEY AVE LAS VEGAS NV		
Contract 3:	0		
Driller li:	1085	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	08/02/1996
Edit statu:	F	Well start:	11/20/1980
Gravel p 1:	50	Gravel p 2:	197
Utm x:	599633.711966		
Utm y:	4000737.34943		
Site id:	NV4000000021330		

**36
South
1/2 - 1 Mile
Lower**

NV WELLS NV4000000020661

Well log:	30978	App:	Not Reported
Notice of :	5563	Waiver no:	Not Reported
Date log r:	10/20/1988	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	10	Sec quarte:	BB

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	GRAMMAR, J A		
Owner addr:	HAFEN RANCH RD PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/21/1988	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	150
Bottom per:	300	Perf inter:	1
Static wl:	65		
Temperatur:	0		
Yield:	31		
Drawdown:	53		
Hours pump:	3		
Test metho:	P	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7479A		
Contract 1:	FLOYDS CONSTRUCTION		
Contract 2:	P O BOX 157 PAHRUMP NV		
Contract 3:	1424		
Driller li:	1427	Source age:	NV003
User id:	NAFLECKS	Date entry:	06/03/1999
Update use:	Not Reported	Date updat:	03/23/1998
Edit statu:	F	Well start:	04/05/1999
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598838.543889		
Utm y:	4000327.71937		
Site id:	NV4000000020661		

**G37
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021332

Well log:	101783	App:	41167
Notice of :	30133	Waiver no:	Not Reported
Date log r:	12/08/2006	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	6650 E MANSE		
Owner no:	Not Reported		
Parcel no:	47-021-17	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/06/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	760	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	760
Csng diame:	16		
Csng reduc:	2	Top perf:	83
Bottom per:	760	Perf inter:	2
Static wl:	34		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	12/27/2006
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	07/06/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	599658.702565		
Utm y:	4000737.63444		
Site id:	NV4000000021332		

**G38
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021331

Well log:	62097	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/20/1981	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal twn:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BOWMAN, MARK		
Owner addr:	CAAS RD & HWY 162 PAHRUMP NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/19/1981	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	300	Perf inter:	1
Static wl:	95		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	16521	Date updat:	10/19/2003
Contract 1:	C B CAPEHART	Well start:	07/06/1981
Contract 2:	4425 STACEY AVE LAS VEGAS NV	Gravel p 2:	300
Contract 3:	0		
Driller li:	1081		
User id:	KCOON		
Update use:	DBRANTLEY		
Edit statu:	F		
Gravel p 1:	50		
Utm x:	599658.702565		
Utm y:	4000737.63444		
Site id:	NV4000000021331		

**G39
SE
1/2 - 1 Mile
Higher**

NV WELLS NV4000000021334

Well log:	102521	App:	22735
Notice of :	30496	Waiver no:	Not Reported
Date log r:	03/28/2007	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	SW CRNR 160 & CAAS RD		
Owner no:	Not Reported		
Parcel no:	47-021-21	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/17/2007	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	DBRANTLEY	Date entry:	04/12/2007
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	02/26/2007
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599658.702565
 Utm y: 4000737.63444
 Site id: NV4000000021334

**G40
 SE
 1/2 - 1 Mile
 Higher**

NV WELLS NV4000000021333

Well log:	101957	App:	10600
Notice of :	30134	Waiver no:	Not Reported
Date log r:	12/14/2006	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	I	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw n:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	PAHRUMP UTILITIES		
Owner addr:	SE CRNR HWY 160 & CAAS		
Owner no:	Not Reported		
Parcel no:	41-021-021	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/23/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	16		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	ADD 13 FT OF CASING TO BRING WELL UP TO GROUND LEVEL		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	01/08/2007
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	08/09/2006
Gravel p 1:	0	Gravel p 2:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 599658.702565
 Utm y: 4000737.63444
 Site id: NV4000000021333

**H41
 SSW
 1/2 - 1 Mile
 Lower**

NV WELLS NV4000000020659

Well log:	1588	App:	13670
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/18/1951	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	09	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FREHNER, JOE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/02/1951	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	670	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	142
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	72		
Yield:	30		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	Not Reported		
Contract 1:	Not Reported		
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	dsdavis	Date updat:	03/23/1998
Edit statu:	F	Well start:	01/29/1950
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598438.676417		
Utm y:	4000323.20566		
Site id:	NV4000000020659		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H42
SSW
1/2 - 1 Mile
Lower

NV WELLS NV4000000020660

Well log:	75135	App:	Not Reported
Notice of :	18710	Waiver no:	Not Reported
Date log r:	04/15/1999	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	09	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FREHNER, DUANE		
Owner addr:	5252 S HAFEN RANCH RD		
Owner no:	Not Reported		
Parcel no:	45-101-01	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/09/1999	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	250	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	250
Csng diame:	6.62		
Csng reduc:	0	Top perf:	210
Bottom per:	250	Perf inter:	1
Static wl:	76		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	30880		
Contract 1:	GREAT BASIN DRILLING		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/03/1999
Update use:	Not Reported	Date updat:	03/23/1998
Edit statu:	F	Well start:	04/05/1999
Gravel p 1:	50	Gravel p 2:	250
Utm x:	598438.676417		
Utm y:	4000323.20566		
Site id:	NV4000000020660		

43
East
1/2 - 1 Mile
Higher

NV WELLS NV4000000022302

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	100401	App:	Not Reported
Notice of :	30153	Waiver no:	Not Reported
Date log r:	08/04/2006	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	HERNANDEZ, CHARLES		
Owner addr:	5931 E CARTER LN		
Owner no:	Not Reported		
Parcel no:	45-461-62	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/11/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	240	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	240
Csng diame:	6		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	SGARDELLA	Date entry:	08/21/2006
Update use:	SGARDELLA	Date updat:	12/11/2006
Edit statu:	F	Well start:	07/11/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	600049.377275		
Utm y:	4001543.30097		
Site id:	NV4000000022302		

**44
SW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000020658

Well log:	32351	App:	Not Reported
Notice of :	5787	Waiver no:	Not Reported
Date log r:	06/30/1989	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	09	Sec quarte:	AB

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	NW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BELL, ART		
Owner addr:	MANSE W OF HAFEN RANCH		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/15/1989	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8.62		
Csng reduc:	0	Top perf:	80
Bottom per:	160	Perf inter:	1
Static wl:	44		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7479A		
Contract 1:	FLOYDS CONSTRUCTION		
Contract 2:	P O BOX 157 PAHRUMP NV		
Contract 3:	1424		
Driller li:	1427	Source age:	NV003
User id:	NAFLECKS	Date entry:	03/05/1997
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	08/03/1978
Gravel p 1:	0	Gravel p 2:	0
Utm x:	598063.800828		
Utm y:	4000318.99069		
Site id:	NV4000000020658		

**I45
WSW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021314

Well log:	62120	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/14/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CLIFT, BARRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/04/1977	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	32		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	725	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	03/01/1977
Gravel p 1:	0	Gravel p 2:	0
Utm x:	597634.466285		
Utm y:	4000714.77999		
Site id:	NV4000000021314		

**I46
WSW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021315

Well log:	62127	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/22/1976	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	SALARTS, WAYNE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/12/1976	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	140	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	140
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	140	Perf inter:	1
Static wl:	28		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Qual lith :	G	Source age:	NV003
Remarks ad:	Not Reported	Date entry:	03/05/1997
Contractor:	7484A	Date updat:	05/02/1997
Contract 1:	CHARLES NYBERG WELL DRILLING	Well start:	08/09/1976
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048	Gravel p 2:	0
Contract 3:	0		
Driller li:	725		
User id:	KCOON		
Update use:	Not Reported		
Edit statu:	F		
Gravel p 1:	0		
Utm x:	597634.466285		
Utm y:	4000714.77999		
Site id:	NV4000000021315		

**I47
WSW
1/2 - 1 Mile
Lower**

NV WELLS NV4000000021316

Well log:	62135	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/17/1975	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	WHITLOW, JACK		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/14/1974	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	120	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	120
Csng diame:	8.62		
Csng reduc:	0	Top perf:	80
Bottom per:	120	Perf inter:	1
Static wl:	24		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	12344		
Contract 1:	WAYNE FLOYD PUMPS & DRILLING		
Contract 2:	P O BOX 32A PAHRUMP NV		
Contract 3:	0		
Driller li:	643	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	10/01/1974
Gravel p 1:	50	Gravel p 2:	120

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x: 597634.466285
 Utm y: 4000714.77999
 Site id: NV4000000021316

48
WNW
1/2 - 1 Mile
Lower

NV WELLS NV4000000022844

Well log:	26906	App:	Not Reported
Notice of :	2112	Waiver no:	Not Reported
Date log r:	04/24/1995	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	04	Sec quarte:	B
Legal quar:	NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	BROOKS, RICHARD		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	CHRISTENSEN
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/07/1985	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8.62		
Csng reduc:	0	Top perf:	120
Bottom per:	160	Perf inter:	1
Static wl:	50		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	19219		
Contract 1:	CUSTOM DRILLING INC		
Contract 2:	4425 STACEY LAS VEGAS NV 89108		
Contract 3:	1081		
Driller li:	1081	Source age:	NV003
User id:	Not Reported	Date entry:	12/18/1996
Update use:	dsdavis	Date updat:	08/13/1998
Edit statu:	F	Well start:	04/23/1951
Gravel p 1:	0	Gravel p 2:	0
Utm x:	597423.202015		
Utm y:	4001729.32176		
Site id:	NV4000000022844		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

49
ESE
1/2 - 1 Mile
Higher

NV WELLS NV4000000021335

Well log:	62130	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/07/1973	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32023	Ha:	162
Twn:	S21	Legal tw:	21S
Rng:	E54	Legal rng:	54E
Sec:	03	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	TAYLOR, CURLY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported		
Lot no:	Not Reported		
Well finis:	08/14/1973	Subdivisio:	Not Reported
Gravel pac:	N	Block no:	Not Reported
Depth dril:	300	Date cmplt:	D
Aquifer de:	Not Reported	Depth seal:	50
Csng diame:	8	Depth bedr:	0
Csng reduc:	0	Depth case:	300
Bottom per:	300	Top perf:	220
Static wl:	155	Perf inter:	1
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	7484A		
Contract 1:	CHARLES NYBERG WELL DRILLING		
Contract 2:	1060 W BASIN RD PAHRUMP NV 89048		
Contract 3:	0		
Driller li:	418	Source age:	NV003
User id:	KCOON	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	10/19/2003
Edit statu:	F	Well start:	07/31/1973
Gravel p 1:	0	Gravel p 2:	0
Utm x:	600033.561651		
Utm y:	4000741.91823		
Site id:	NV4000000021335		

50
NNW
1/2 - 1 Mile
Higher

NV WELLS NV4000000024861

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log:	86067	App:	64245
Notice of :	22871	Waiver no:	Not Reported
Date log r:	05/09/2002	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32023	Ha:	162
Twn:	S20	Legal tw:	20S
Rng:	E54	Legal rng:	54E
Sec:	33	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	WULFENSTEIN		
Owner addr:	3651 S HWY 160		
Owner no:	Not Reported		
Parcel no:	27-441-05	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/12/2002	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.625		
Csng reduc:	0	Top perf:	300
Bottom per:	400	Perf inter:	1
Static wl:	143		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1642	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/17/2002
Update use:	Not Reported	Date updat:	09/16/1996
Edit statu:	F	Well start:	04/09/2002
Gravel p 1:	50	Gravel p 2:	400
Utm x:	598311.309848		
Utm y:	4002756.17792		
Site id:	NV4000000024861		

51
SSW
1/2 - 1 Mile
Lower

FED USGS USGS3099508

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	360833115543201
Site name:	162 S21 E54 09ACA 1	EDR Site id:	USGS3099508
Latitude:	360833	Dec lat:	36.14246333
Longitude:	1155432	Coor meth:	M
Dec lon:	-115.90974436	Latlong datum:	NAD27
Coor accr:	F	District:	32
Dec latlong datum:	NAD83	County:	023
State:	32	Land net:	NESWNES09 T21S R54E M
Country:	US	Map scale:	24000
Location map:	PAHRUMP, NV		
Altitude:	2740.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	IvanpahPahrump Valleys. California, Nevada. Area = 2830 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	162		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-02-23	Ground water data end date:	1975-03-03
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-03-03	26.20		1972-02-23	22.20	

**52
South
1/2 - 1 Mile
Higher**

NV WELLS NV4000000019926

Well log:	94107	App:	Not Reported
Notice of :	27086	Waiver no:	Not Reported
Date log r:	10/12/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32023	Ha:	162
Twn:	S21	Legal twm:	21S
Rng:	E54	Legal rng:	54E
Sec:	10	Sec quarte:	BC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	HAFEN, KENT		
Owner addr:	6200 E MONIQUE		
Owner no:	Not Reported		
Parcel no:	45-121-51	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/29/2004	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	6		
Csng reduc:	0	Top perf:	120
Bottom per:	180	Perf inter:	1
Static wl:	92		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks ad:	Not Reported		
Contractor:	47333		
Contract 1:	GREAT BASIN DRILLING CO		
Contract 2:	P O BOX 4220 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/26/2004
Update use:	Not Reported	Date updat:	07/24/1996
Edit statu:	F	Well start:	09/28/2004
Gravel p 1:	0	Gravel p 2:	180
Utm x:	598868.067106		
Utm y:	3999927.45494		
Site id:	NV4000000019926		

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
12	12	0	0	1.35	2.9

Federal EPA Radon Zone for NYE County: 2

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

Federal Area Radon Information for NYE COUNTY, NV

Number of sites tested: 111

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.539 pCi/L	96%	4%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.557 pCi/L	43%	57%	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 and 2005 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

Local Records Documentation

Mt. Falls Gateway

4450 South Nevada Highway 160
Pahrump, NV 89061

Inquiry Number: 3292098.6
March 29, 2012

The EDR-City Directory Image Report

EDR CITY DIRECTORY REPORT

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.

NO COVERAGE

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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Mt. Falls Gateway

6125 East Mountain Falls Boulevard
Pahrump, NV 89061

Inquiry Number: 3292080.6
March 29, 2012

The EDR-City Directory Image Report

EDR CITY DIRECTORY REPORT

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.

NO COVERAGE

Thank you for your business.

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with any questions or comments.

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Appendix F
Sanborn Map Report



Mt. Falls Gateway

4450 South Nevada Highway 160

Pahrump, NV 89061

Inquiry Number: 3292098.3

March 28, 2012

Certified Sanborn® Map Report

Certified Sanborn® Map Report

3/28/12

Site Name:

Mt. Falls Gateway
4450 South Nevada Highway
Pahrump, NV 89061

Client Name:

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



EDR Inquiry # 3292098.3

Contact: Brian Loffman

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Certified Sanborn Results:

Site Name: Mt. Falls Gateway
Address: 4450 South Nevada Highway 160
City, State, Zip: Pahrump, NV 89061
Cross Street:
P.O. # NA
Project: Mt. Falls Gateway
Certification # 2156-434F-AF28



Sanborn® Library search results
Certification # 2156-434F-AF28

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 Sanborn fire insurance maps, 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

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Mt. Falls Gateway

6125 East Mountain Falls Boulevard
Pahrump, NV 89061

Inquiry Number: 3292080.3

March 28, 2012



Certified Sanborn® Map Report

Certified Sanborn® Map Report

3/28/12

Site Name:

Mt. Falls Gateway
6125 East Mountain Falls
Pahrump, NV 89061

Client Name:

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

EDR Inquiry # 3292080.3

Contact: Brian Loffman



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Certified Sanborn Results:

Site Name: Mt. Falls Gateway
Address: 6125 East Mountain Falls Boulevard
City, State, Zip: Pahrump, NV 89061
Cross Street:
P.O. # NA
Project: Mt. Falls Gateway
Certification # B0C3-4A04-A85A



Sanborn® Library search results
Certification # B0C3-4A04-A85A

UNMAPPED PROPERTY

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Appendix G

Historical Topography and Aerial Photo Review



Mt. Falls Gateway

4450 South Nevada Highway 160

Pahrump, NV 89061

Inquiry Number: 3292098.4

March 29, 2012

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.

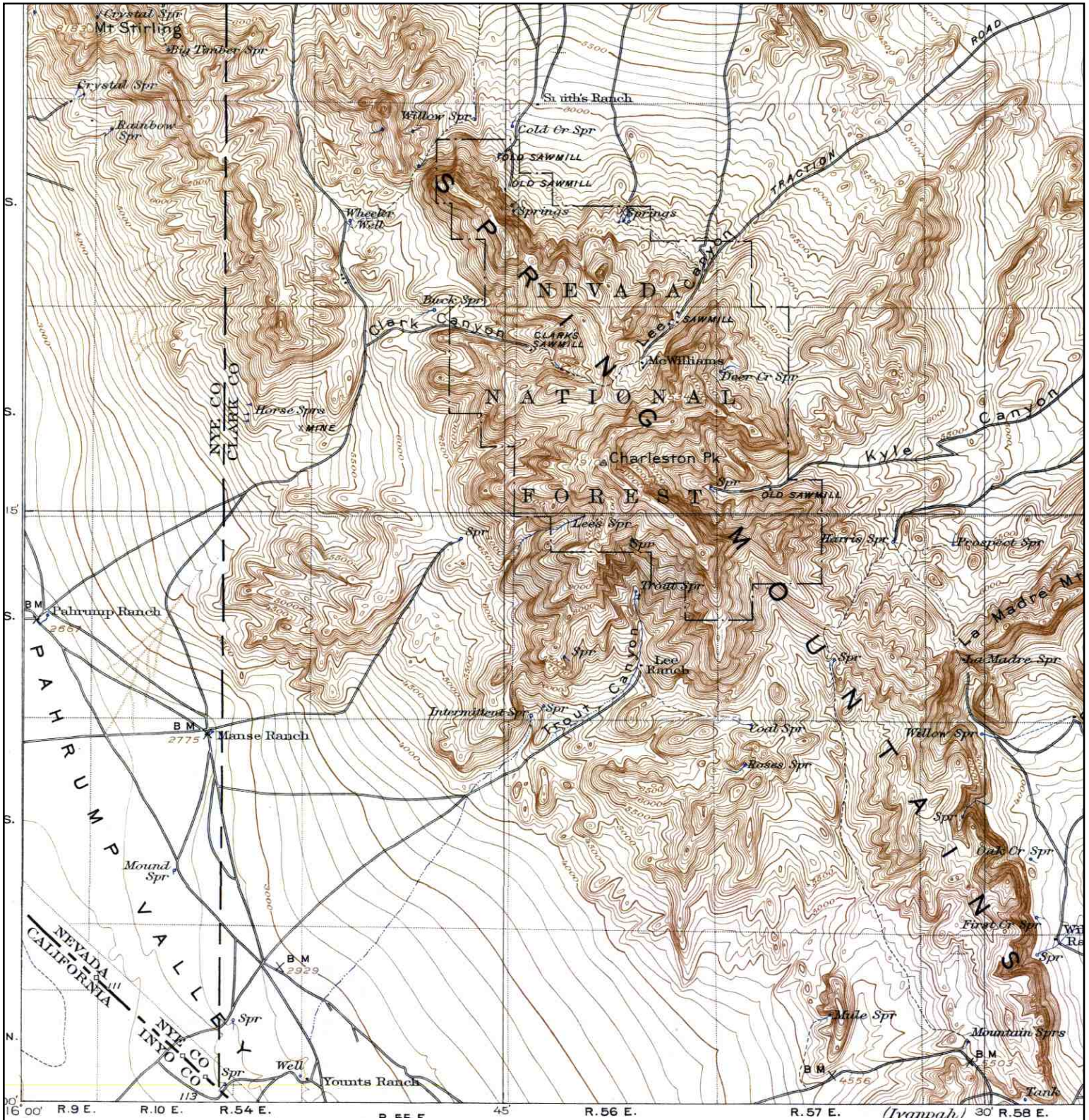
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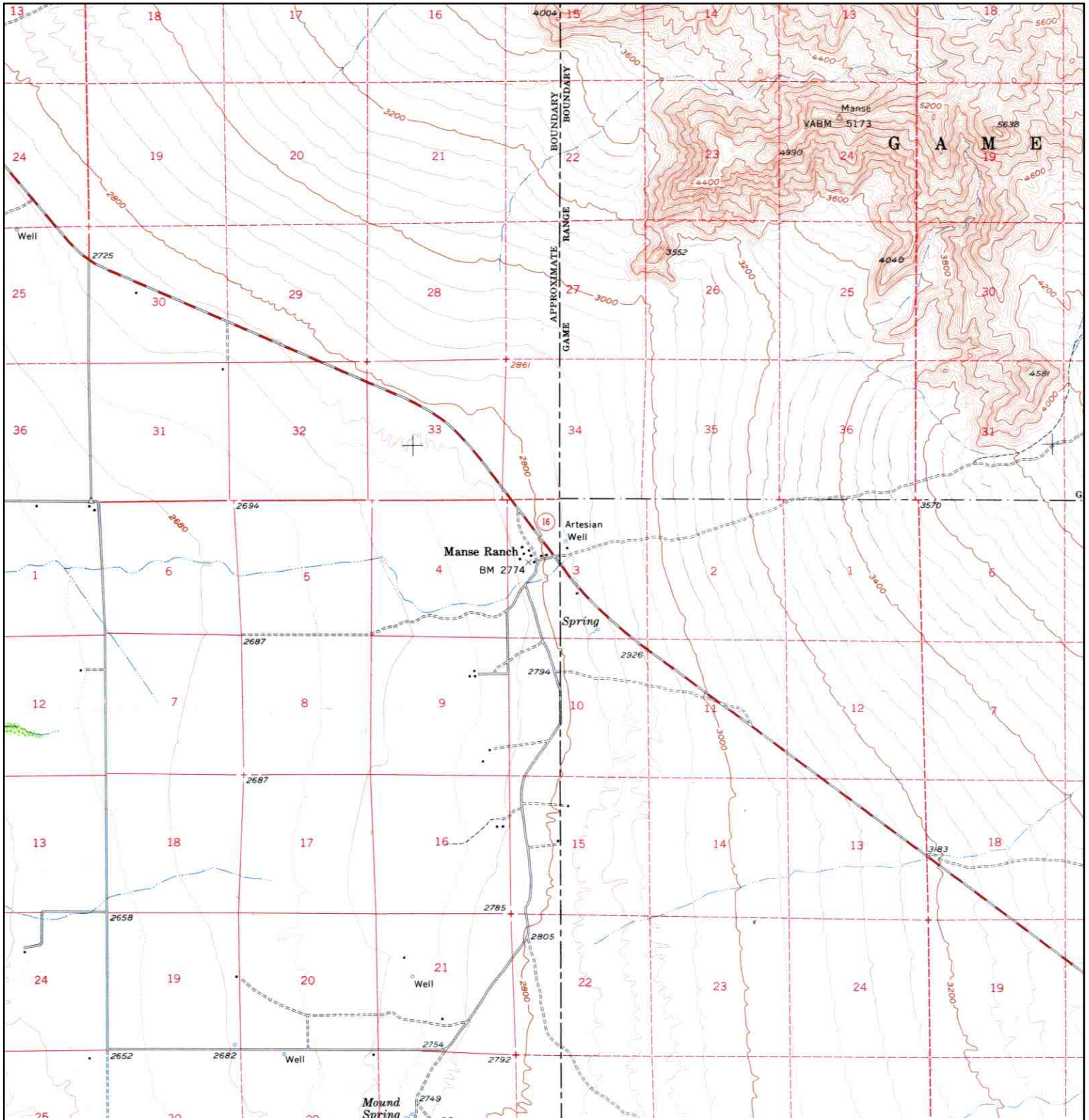
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Historical Topographic Map



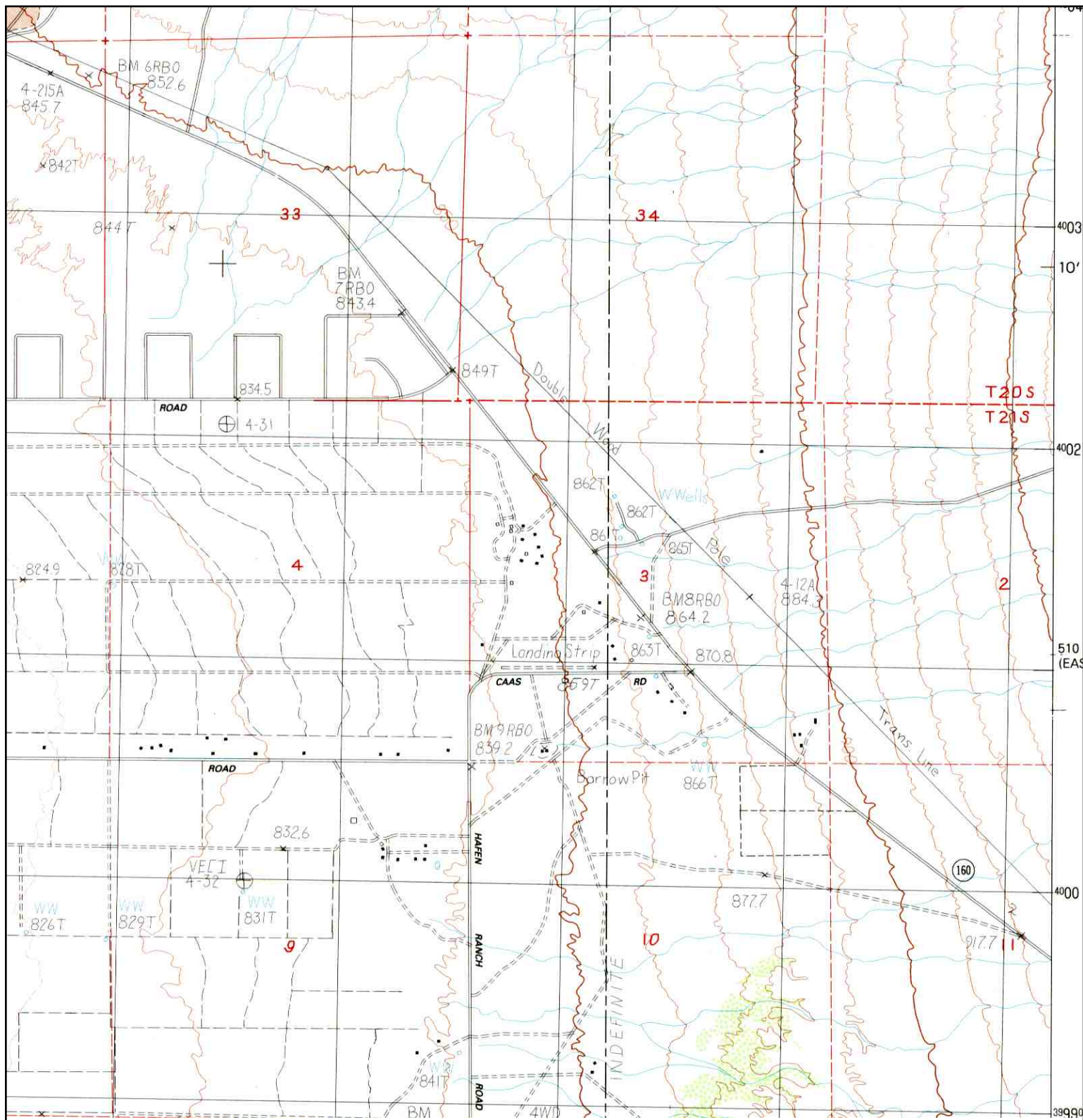
	TARGET QUAD	SITE NAME: Mt. Falls Gateway	CLIENT: BEC Environmental, Inc.
	NAME: LAS VEGAS	ADDRESS: 4450 South Nevada Highway 160	CONTACT: Brian Loffman
	MAP YEAR: 1908	LAT/LONG: 36.1542 / -115.8997	INQUIRY#: 3292098.4
	SERIES: 60		RESEARCH DATE: 03/29/2012
	SCALE: 1:250000		

Historical Topographic Map



	TARGET QUAD NAME: PAHRUMP MAP YEAR: 1958	SITE NAME: Mt. Falls Gateway ADDRESS: 4450 South Nevada Highway 160 Pahrump, NV 89061 LAT/LONG: 36.1542 / -115.8997	CLIENT: BEC Environmental, Inc. CONTACT: Brian Loffman INQUIRY#: 3292098.4 RESEARCH DATE: 03/29/2012
	SERIES: 15 SCALE: 1:62500		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Mt. Falls Gateway	CLIENT: BEC Environmental, Inc.
	NAME: PAHRUMP	ADDRESS: 4450 South Nevada Highway 160	CONTACT: Brian Loffman
	MAP YEAR: 1984	Pahrump, NV 89061	INQUIRY#: 3292098.4
	PROVISIONAL	LAT/LONG: 36.1542 / -115.8997	RESEARCH DATE: 03/29/2012
	SERIES: 7.5		
	SCALE: 1:24000		



Mt. Falls Gateway

6125 East Mountain Falls Boulevard
Pahrump, NV 89061

Inquiry Number: 3292080.4

March 29, 2012

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

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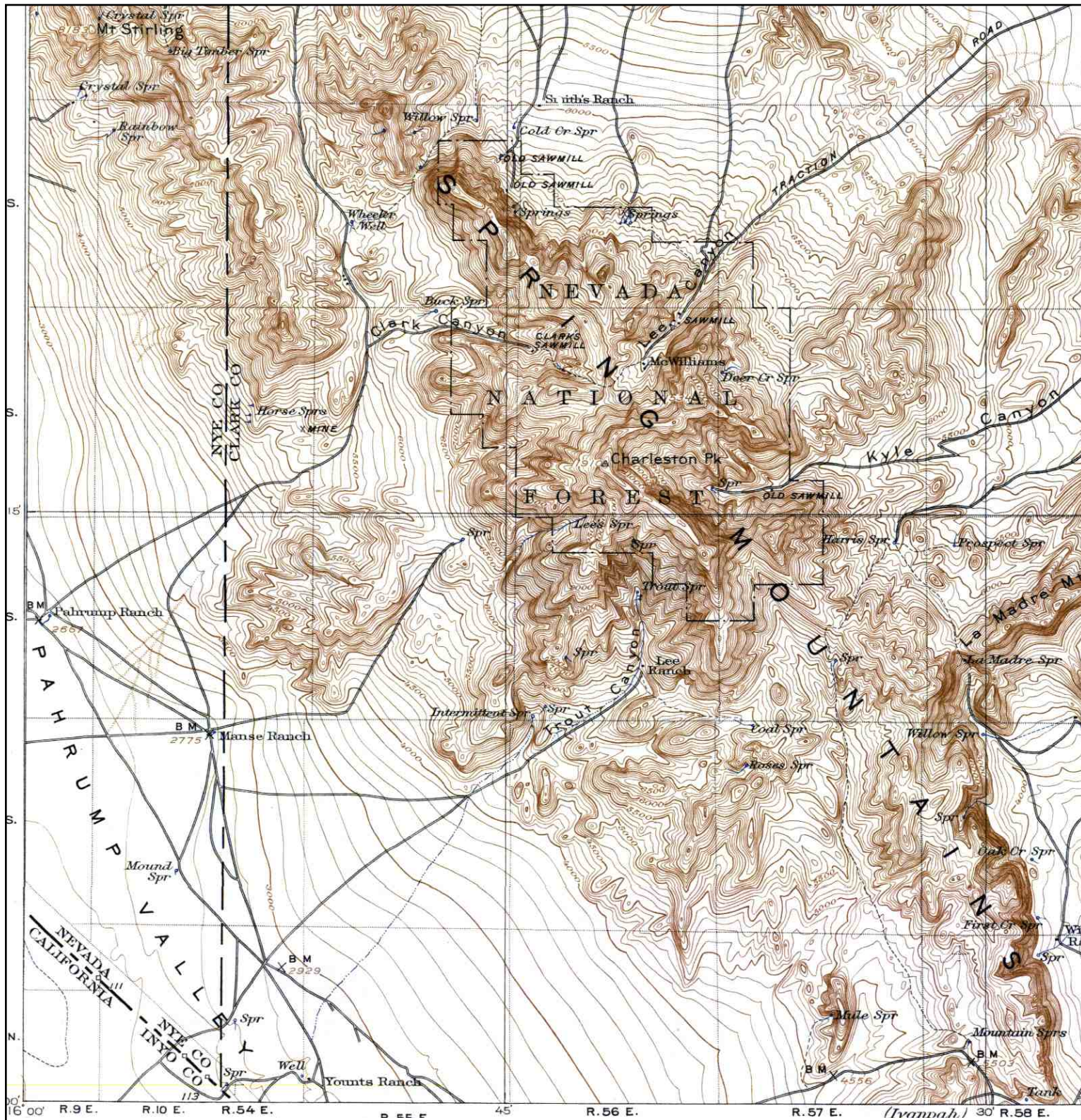
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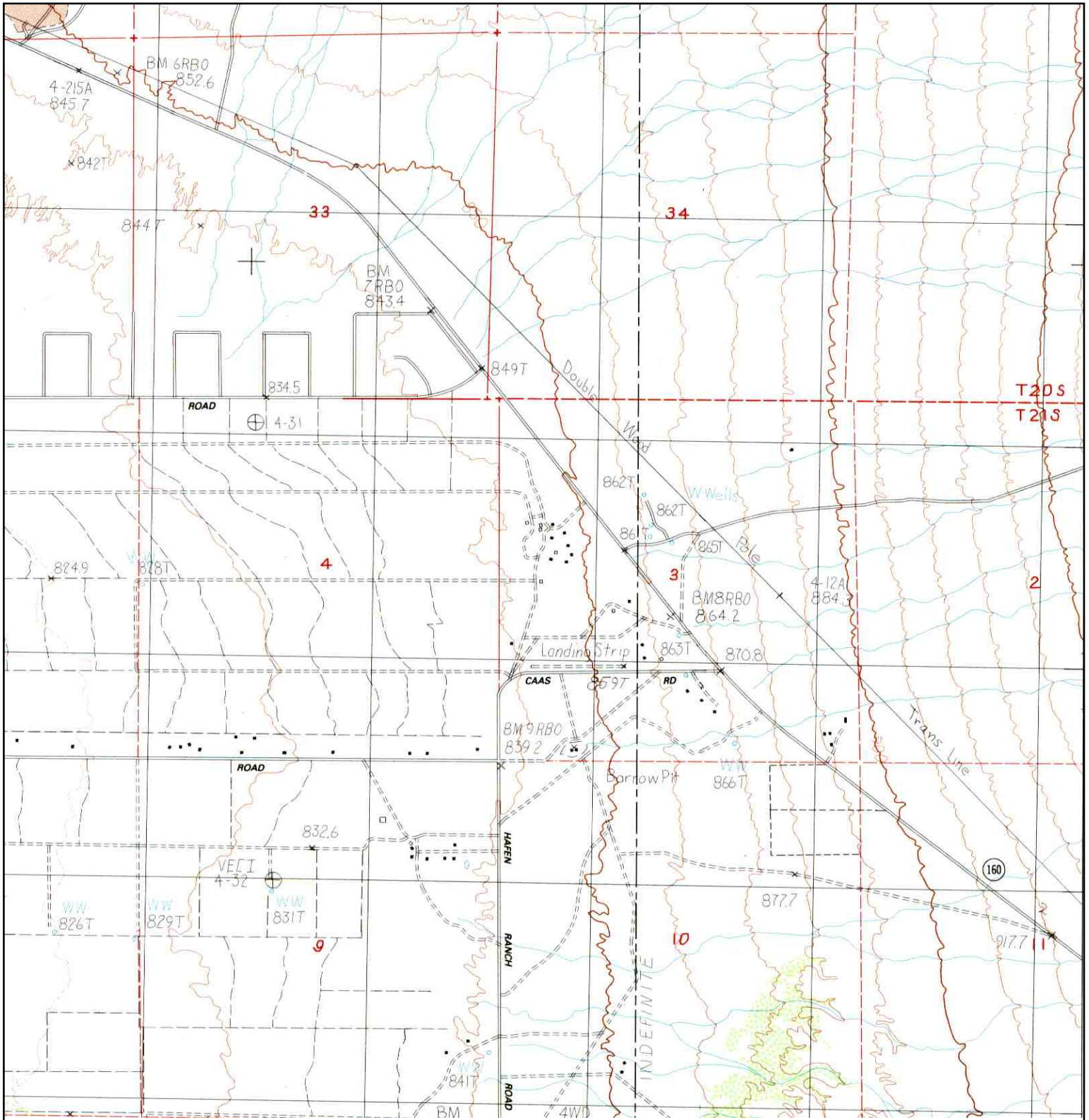
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Historical Topographic Map



	TARGET QUAD NAME: LAS VEGAS MAP YEAR: 1908	SITE NAME: Mt. Falls Gateway ADDRESS: 6125 East Mountain Falls Boulevard Pahrump, NV 89061	CLIENT: BEC Environmental, Inc. CONTACT: Brian Loffman INQUIRY#: 3292080.4 RESEARCH DATE: 03/29/2012
	SERIES: 60 SCALE: 1:250000	LAT/LONG: 36.1542 / -115.9027	

Historical Topographic Map



	TARGET QUAD	SITE NAME: Mt. Falls Gateway	CLIENT: BEC Environmental, Inc.
	NAME: PAHRUMP	ADDRESS: 6125 East Mountain Falls Boulevard	CONTACT: Brian Loffman
	MAP YEAR: 1984	Pahrump, NV 89061	INQUIRY#: 3292080.4
	PROVISIONAL	LAT/LONG: 36.1542 / -115.9027	RESEARCH DATE: 03/29/2012
	SERIES: 7.5		
	SCALE: 1:24000		



Mt. Falls Gateway

4450 South Nevada Highway 160

Pahrump, NV 89061

Inquiry Number: 3292098.5

March 29, 2012

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Date EDR Searched Historical Sources:

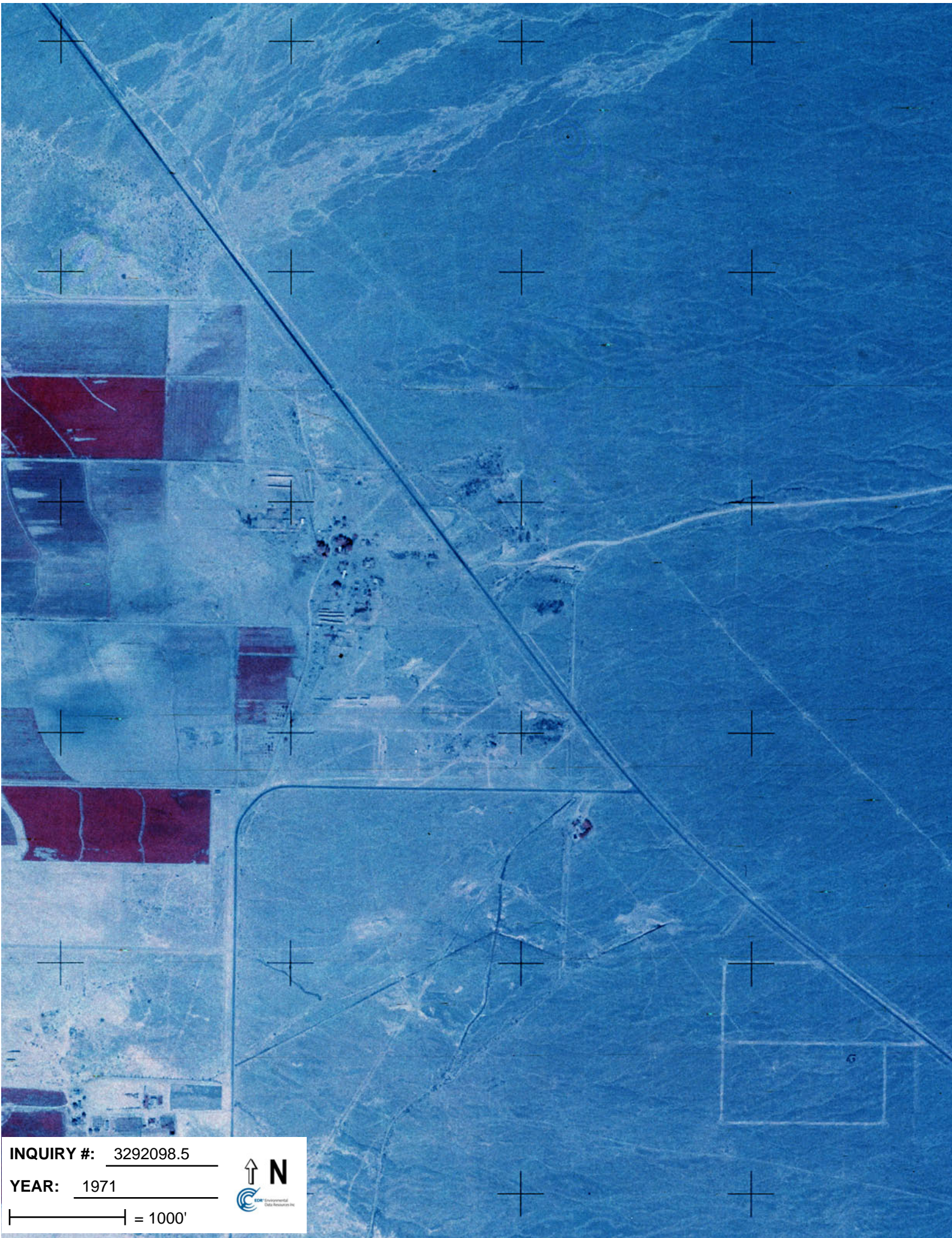
Aerial Photography March 29, 2012

Target Property:

4450 South Nevada Highway 160

Pahrump, NV 89061

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1971	Aerial Photograph. Scale: 1"=1000'	Panel #: 36115-B8, Pahrump, NV;/Flight Date: October 11, 1971	EDR
1980	Aerial Photograph. Scale: 1"=500'	Panel #: 36115-B8, Pahrump, NV;/Flight Date: July 10, 1980	EDR
1989	Aerial Photograph. Scale: 1"=750'	Panel #: 36115-B8, Pahrump, NV;/Flight Date: August 02, 1989	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 36115-B8, Pahrump, NV;/Composite DOQQ - acquisition dates: September 11, 1994	EDR
1995	Aerial Photograph. Scale: 1"=750'	Panel #: 36115-B8, Pahrump, NV;/Flight Date: October 04, 1995	EDR
1999	Aerial Photograph. Scale: 1"=750'	Panel #: 36115-B8, Pahrump, NV;/Flight Date: September 06, 1999	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 36115-B8, Pahrump, NV;/Flight Year: 2006	EDR



INQUIRY #: 3292098.5

YEAR: 1971

— = 1000'





INQUIRY #: 3292098.5

YEAR: 1980

| = 500'





INQUIRY #: 3292098.5

YEAR: 1989

| = 750'





INQUIRY #: 3292098.5

YEAR: 1994

| = 500'



02



INQUIRY #: 3292098.5

YEAR: 1995

| = 750'





INQUIRY #: 3292098.5

YEAR: 1999

| = 750'





INQUIRY #: 3292098.5

YEAR: 2006

| = 500'





Mt. Falls Gateway

6125 East Mountain Falls Boulevard
Pahrump, NV 89061

Inquiry Number: 3292080.5

March 29, 2012

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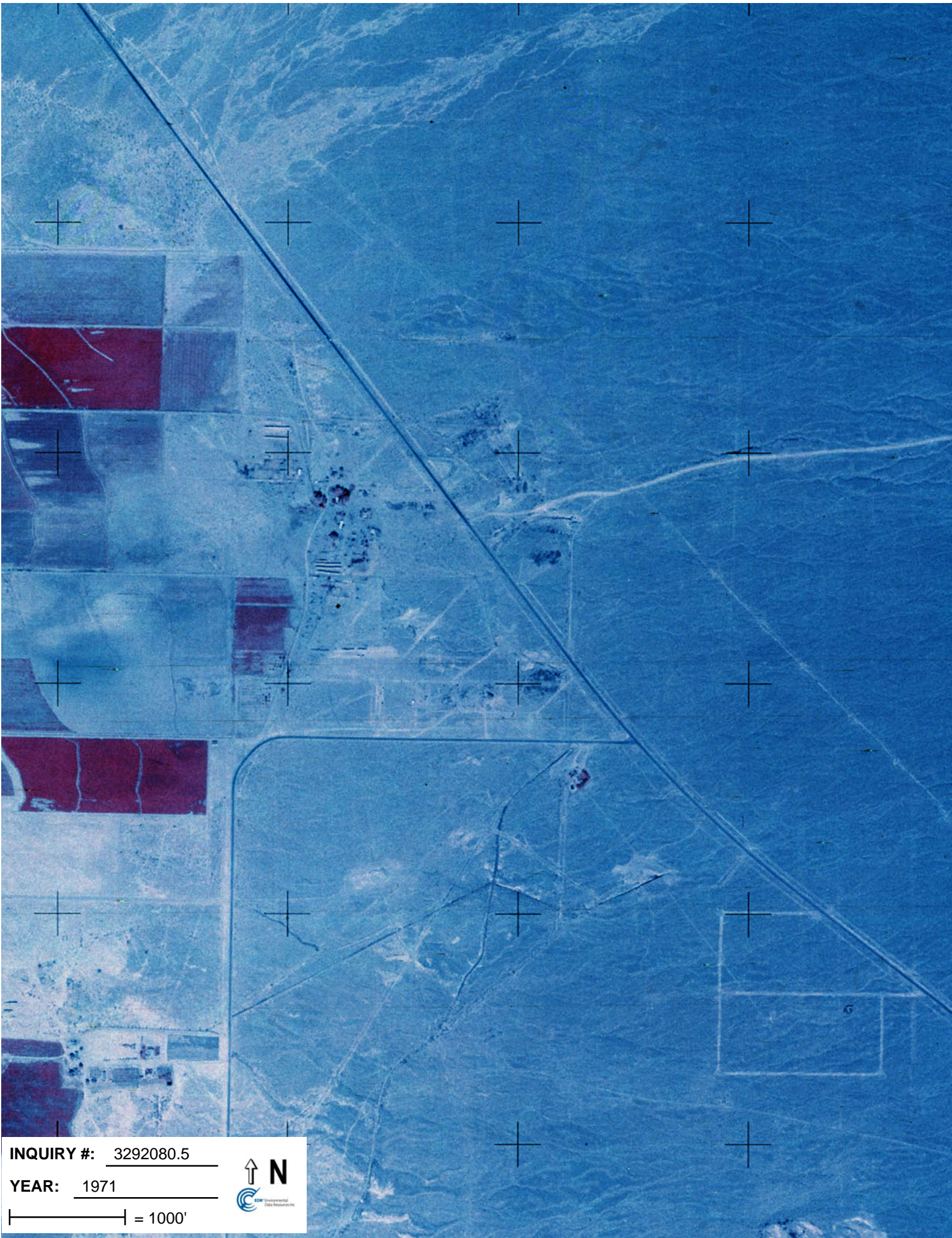
Aerial Photography March 29, 2012

Target Property:

6125 East Mountain Falls Boulevard

Pahrump, NV 89061

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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2006	Aerial Photograph. Scale: 1"=500'	Panel #: 36115-B8, Pahrump, NV;/Flight Year: 2006	EDR



INQUIRY #: 3292080.5

YEAR: 1971

|—————| = 1000'



ES&S Environmental
Data Resources, Inc.



INQUIRY #: 3292080.5

YEAR: 1980

| = 500'





INQUIRY #: 3292080.5

YEAR: 1989

| = 750'





INQUIRY #: 3292080.5

YEAR: 1994

| = 500'





INQUIRY #: 3292080.5

YEAR: 1995

| = 750'



EDX Environmental Data Resources, Inc.



INQUIRY #: 3292080.5

YEAR: 1999

| = 750'





INQUIRY #: 3292080.5

YEAR: 2006

| = 500'



Appendix H

Interview Documentation

USER QUESTIONNAIRE

Note: In order to qualify for one of the *Landowner Liability Protections* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendment*") the USER must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "All Appropriate Inquiry" is not complete.

Site Name: MOUNTAIN FALLS Blvd Gateway Development
Address: 4450 South Nevada Highway 160 & 6125 MOUNTAIN FALLS BLVD. Pahrump NV

The person who will use the Phase One should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. In Colorado, such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

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 (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. In Colorado, the title commitment or policy might also list AULs.

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

3. **Specialized Knowledge.** 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 that might indicate the past or present use of such substances on the subject or nearby properties? Yes No

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this 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.

Is the purchase price significantly below fair market value? Yes No

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

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

6. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: FARMING

b. Describe any specific chemicals that may have been present at the property: UNKNOWN

c. Describe any other information that may help us identify possible contamination: UNKNOWN

Printed Name: ALFRED BALLOQUI

Your Signature: Alfred Balloqui

Date: 7 MAY 2012

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

PHASE I QUESTIONNAIRE

Note: In order to qualify for one of the *Landowner Liability Protections* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendment*") the USER must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "All Appropriate Inquiry" is not complete.

Site Name: Parcel 045-011-19, 4450 S. Highway 160, Pahrump NV

Address: Parcel 045-011-23, 6125 E. Mountain Falls Blvd, Pahrump, NV

How long have you been associated/operated the facility listed above May, 2004

Describe the type of business at the property listed above none - vacant land

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. In Colorado, such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

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 (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. In Colorado, the title commitment or policy might also list AULs.

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

3. **Specialized Knowledge.** 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 that might indicate the past or present use of such substances on the subject or nearby properties? Yes No

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this 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.

Is the purchase price significantly below fair market value? Yes No

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

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

6. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

b. Describe any specific chemicals that may have been present at the property: _____

c. Describe any other information that may help us identify possible contamination: _____

Printed Name: Robert E. Lucia

Robert E. Lucia

Your Signature

5/9/2012

Date

of separate sheets attached: _____

Explain Yes answers on a separate sheet.

CONVERSATION RECORD

TIME

11:10 A

DATE

4-12-12

TYPE

VISIT

CONFERENCE

TELEPHONE

ROUTING

NAME/SYMBOL

INT

Location of Visit / Conference:

INCOMING
 OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Beth Lee

ORGANIZATION (Office, dept., bureau,

Nye Planning

TELEPHONE NO.

775-751-4249

SUBJECT

Phase 1 Research for Parcels in Pahrump
45-011-19, 45-011-23

SUMMARY

Provided the parcel #s + requested any information related to ~~pas~~ applications or any information about the site, especially anything that could indicate historic or future intended use. Lee stated she would look it up + contact me. Provided my e-mail address for follow up contact.

ACTION REQUIRED

make sure info is received from Planning

NAME OF PERSON DOCUMENTING CONVERSATION

Rachel Kryder

SIGNATURE

RK

DATE

4-12-12

ACTION TAKEN

Lee replied that the only records of the site Planning has is a zone change that was withdrawn from 2005 (ZC-05-0089)

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TIME 1:30P

DATE 4-16-12

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit / Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Bill Browning

ORGANIZATION (Office, dept., bureau,

Pahrump Bldg + Safety

TELEPHONE NO.

751-3773

SUBJECT

Phase 1 Research for Parcels in Pahrump
45-011-19, 45-011-23

SUMMARY

Spoke w/ Browning, who looked up the subject parcel numbers in their database, + showed no records associated with those properties.

ACTION REQUIRED

None

NAME OF PERSON DOCUMENTING CONVERSATION

Rachel Kryder

SIGNATURE

Rachel Kryder

DATE

4-16-12

ACTION TAKEN

SIGNATURE

TITLE

DATE

Brian Loffman

Subject: FW: Site Inquiry

From: Charles Moses [<mailto:cmoses@agri.nv.gov>]
Sent: Friday, April 27, 2012 12:33 PM
To: Rachel Kryder
Subject: RE: Site Inquiry

Rachel: Some of our pesticide application records go back to the late 1970's, and as you would guess, the information is very sketchy at best.. After reviewing our pesticide application records, we don't have any information for that property which might be helpful with your search. We have been keeping records for pesticide applications that are performed by commercial applicators only. If a property owner decides to apply pesticides himself, or dispose of pesticides or pesticide containers on his property, we would not have records. I am sorry that we couldn't be more help with your request.

Charles Moses
Nevada Department of Agriculture

From: Rachel Kryder [Rachel@becnv.com]
Sent: Thursday, April 19, 2012 11:13 AM
To: Charles Moses
Cc: Brian Loffman
Subject: FW: Site Inquiry

This time with the attachment. Sorry about that.

Rachel Kryder, P.E.
Engineer

BEC Environmental, Inc.
3340 S. Hwy 160, Suite 203
Pahrump, NV 89048

Phone: 775.482.4219
Email: Rachel@becnv.com

Las Vegas Office:
7660 W Sahara Ave., Suite 150
Las Vegas, NV 89117
Phone: 702.304.9830
Fax: 702.304.9839

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From: Rachel Kryder
Sent: Thursday, April 19, 2012 11:11 AM
To: 'Charles Moses'
Cc: Brian Loffman
Subject: RE: Site Inquiry

Charles,

The property was a portion of that owned and used by Harold Cornell, then Murton Bowman. It looks like there was at least some agricultural use on a portion of the property, based on the attached cultural maps from the Division of Water Resources. The proof of beneficial use from Cornell is dated 1937, and the one from Bowman is dated 1968. I'm not sure when the property was last used for agriculture, but definitely not the last 10 years at least. Hopefully this information is more helpful.

Thanks,

Rachel Kryder, P.E.
Engineer

BEC Environmental, Inc.
3340 S. Hwy 160, Suite 203
Pahrump, NV 89048

Phone: 775.482.4219
Email: Rachel@becnv.com

Las Vegas Office:
7660 W Sahara Ave., Suite 150
Las Vegas, NV 89117
Phone: 702.304.9830
Fax: 702.304.9839

From: Charles Moses [<mailto:cmoses@agri.nv.gov>]
Sent: Monday, April 16, 2012 2:31 PM
To: Rachel Kryder
Subject: RE: Site Inquiry

Rachel: What would be more valuable to me is some information on land ownership and use. Information that would be more helpful than a legal description include: property owner, if agricultural, what was the land use (crop production or livestock), and when the land was last in agricultural use. We have some records of chemical use if any commercial pest control activities took place on the property. Most of these records are specific to ranch or farm, field numbers, and some have legal descriptions.

Charles Moses, ES IV

****PLEASE NOTE**** My new e-mail address is: cmoses@agri.nv.gov

From: Rachel Kryder [<mailto:Rachel@becnv.com>]
Sent: Monday, April 16, 2012 2:17 PM
To: Charles Moses
Subject: Site Inquiry

Charles,

We are currently conducting a Phase I Environmental Site Assessment for a property in Pahrump. I am contacting you to find out if the Nevada Department of Agriculture has any records related to the site. The property consists of two adjacent parcels immediately south of Mountain Falls Boulevard, and west of Highway 160 (Nye County Assessor's parcel numbers 45-011-19 and 45-011-23). The latitude and longitude boundaries are approximately as follows:

South: 36°09'13.7"N

North: 36°09'16.5"N

East: 115°53'54.5"W

West: 115°54'15.6"W

Any information you can provide would be appreciated.

Thank you, and have a great day.

Rachel Kryder, P.E.
Engineer

BEC Environmental, Inc.
3340 S. Hwy 160, Suite 203
Pahrump, NV 89048

Phone: 775.482.4219
Email: Rachel@becnv.com

Las Vegas Office:
7660 W Sahara Ave., Suite 150
Las Vegas, NV 89117
Phone: 702.304.9830
Fax: 702.304.9839

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**Envirofacts
Search Results**



Data Disclaimer



Handler ID : NVR000083790

Results are based on data extracted on APR-10-2012

Note: Click on the CORPORATE LINK value for links to that company's environmental web pages.
Click on the MAPPING INFO value to obtain mapping information for the facility.

RCRAInfo Links

- [Overview](#)
- [Search](#)
- [Model](#)
- [Law](#)
- [RCRAInfo Search User Guide](#)
- [Contact Us](#)
- [Office of Resource Conservation and Recovery Home](#)

Report an Error

[Go To Bottom Of The Page](#)

HANDLER NAME:BLACKJACK FIREWORKS LLC**HANDLER ID:** NVR000083790
STREET: 4551 S HIGHWAY 160 **FACILITY INFORMATION:**[View Facility Information](#)
CITY: PAHRUMP **CORPORATE LINK:** No
STATE: NV **COUNTY:** NYE
ZIP CODE: 89048 **MAPPING INFO:** [MAP](#)
EPA REGION:

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
ANDREW M NOLL	3773 HOWARD HUGHES PKWY #200	HENDERSON	NV	89169	7027916135	Public
JOSEPH HOLMES	P O BOX 50030	HENDERSON	NV	89016	775-727-6500	Permit
ANDREW NOLL	3773 HOWARD HUGHES PKWY #200	HENDERSON	NV	89169	7027916135	Permit

[Go To Top Of The Page](#)

Total Number of Facilities Displayed:

Last updated on Tuesday, May 15, 2012



Enforcement & Compliance History Online (ECHO)

You are here: [EPA Home](#) [Compliance and Enforcement](#) [ECHO](#) [Search Data](#) [Search Results](#)

Detailed Facility Report



Report Error

Data Dictionary

For Public Release - Unrestricted Dissemination Report Generated on 05/15/2012
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

Data Dictionary

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110037431044	BLACKJACK FIREWORKS LLC	4551 S HIGHWAY 160	PAHRUMP	NV	89048
RCRA	RCR	NVR000083790	BLACKJACK FIREWORKS LLC	4551 S HIGHWAY 160	PAHRUMP	NV	89048

Facility Characteristics

Data Dictionary

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110037431044					LRT: 36.194610 , -115.968804	No		
RCRA	NVR000083790		Inactive				No		453998

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

Data Dictionary

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
RCRA	NVR000083790	2	06/15/2010	0	\$00

Compliance Monitoring History (05 years)

Data Dictionary

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
RCRA	NVR000083790	RCR	COMPLIANCE EVALUATION INSPECTION ON-SITE	State	01/08/2009	No Violations Or Compliance Issues Were Found
RCRA	NVR000083790	RCR	COMPLIANCE EVALUATION INSPECTION ON-SITE	State	06/15/2010	No Violations Or Compliance Issues Were Found

Entries in *italics* are not considered inspections in official counts.

Compliance Summary Data

Data Dictionary

Information on the nature of alleged violations is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
RCRA	NVR000083790	No		04/09/2012	0

Three Year Compliance Status by Quarter

Data Dictionary

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of alleged violations is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

RCRA Compliance Status													
Statute:Source ID	QTR1	QTR2	QTR3	QTR4	QTR5	QTR6	QTR7	QTR8	QTR9	QTR10	QTR11	QTR12	
RCRA: NVR000083790	Jul-Sep09	Oct-Dec09	Jan-Mar10	Apr-Jun10	Jul-Sep10	Oct-Dec10	Jan-Mar11	Apr-Jun11	Jul-Sep11	Oct-Dec11	Jan-Mar12	Apr-Jun12	
Facility Level Status													
Type of Violation	Agency												

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date
- No data records returned.				

Formal Enforcement Actions - (05 year history)

Data Dictionary

AFS, PCS, RCRAInfo, NCDB

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
---------	-----------	----------------	-------------	------	---------	---------------------

- No data records returned.

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

[Data Dictionary](#)

Primary Law/Section	Case Number	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
---------------------	-------------	-----------	-------------	-----------	-------------------	-----------------	-----------------	---------------------	----------	------------------

- No data records returned.

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

TRI History of Reported Chemicals Released in Pounds per Year at Site:

[Data Dictionary](#)

Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
------	---------------------	--------------------------	------------------------	------------------	------------------------	--------------------------	------------------------------

- No data records returned.

TRI Total Releases and Transfers by Chemical and Year

- No data records returned.

Demographic Profile of Surrounding Area (3 Miles)

[Data Dictionary](#)

Radius of Area:	N/A	Land Area:	N/A	Households in area:	N/A
-----------------	-----	------------	-----	---------------------	-----

- No data records returned.

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: RCRAInfo: 04/09/2012. FRS: 04/12/2012.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

Appendix I
Acronyms and Definitions

Description of Selected General Terms and Acronyms

<i>Term/Acronym</i>	<i>Description</i>
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Above Ground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally exempt small quantity generators.
CFR	Code of Federal Regulations
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment

Description of Terms and Acronyms (cont.)

FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
ILP	Innocent Landowner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/l	Pico Curies per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.

Description of Terms and Acronyms (cont.)

Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in Pico Curies per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions" are defined by ASTM E1527-05 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generators.
SWF	Solid Waste Facility List. A Vista Information Solutions, Inc. database of solid waste facilities listed by state.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service

Description of Terms and Acronyms (cont.)

UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>

Appendix J

Qualification of the Environmental Professional

STATEMENT OF QUALIFICATIONS

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



Brian K. Loffman, CEM
Project Manager

Brian K. Loffman, CEM

BS, Water Resources. University of Arizona, Tucson, Arizona, 1995.
Certified Environmental Manager (CEM), No. 2265, NDEP.

Brian Loffman has more than 15 years of experience and expertise in the environmental and water resources industries. Brian has conducted environmental investigations for hazardous and non-hazardous wastes for commercial, municipal and federal projects throughout the southwest and Mexico. He has managed and prepared numerous Environmental Site Assessments (ESAs) for real estate transfers, bank loans, and redevelopment projects. Brian has been directly involved with the design, installation, and operations and maintenance of a variety of groundwater and soil remediation systems including groundwater pump and treat, aquifer sparging, soil vapor extraction, bioventing, in-situ circulation cell, oxygen releasing compound, hydrogen peroxide, and high vacuum dual phase extraction. His experience includes groundwater monitoring and sampling, relevant Quality Assurance/Quality Control (QA/QC) methodologies, and National Pollutant Discharge Elimination System (NPDES) permitting.

State of Nevada



Department of Conservation and Natural Resources
Division of Environmental Protection

This is to certify that

BRIAN K LOFFMAN

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.

2265

Certification Number

A handwritten signature in cursive script, appearing to read "Colleen Cripps".

Colleen Cripps, Ph. D. Acting Administrator

September 21, 2012

Expiration Date