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# PHASE I ENVIRONMENTAL SITE ASSESSMENT

Tonopah Convention Center 301 Brougher Avenue APNs 008-125-07, 008-125-08, 008-126-01, 008-126-02, and 008-126-21 Tonopah Nye County Nevada

#### Prepared for:

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On behalf of: Town of Tonopah

June 24, 2011

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# **EXECUTIVE SUMMARY**

The subject property is located at 301 Brougher Avenue, Tonopah, Nye County, Nevada. The property consists of five parcels of land that are listed with Nye County, Nevada as Assessor's Parcel Numbers (APNs) 008-125-07, 008-125-08, 008-126-01, 008-126-02, and 008-126-21. McGinley and Associates, Inc. (MGA) has performed a Phase I Environmental Site Assessment (ESA) on this property at the request of the State of Nevada Division of Environmental Protection and on behalf of the Town of Tonopah to determine potential environmental conditions associated with the site.

The subject property is comprised of five parcels of land totaling 0.76 acres in size. The site is currently developed with the Town of Tonopah Convention Center which was originally constructed in the 1940s. The parcel with the Convention Center building (008-128-08) was first developed prior to 1905 (earliest known records) with a small building labeled as the Mitzpah Club. The existing building consists of an entrance area, two meeting rooms, a large banquet and show room, a large kitchen, six bathrooms (three men and three women), and storage rooms. The building is surrounded by town roads including an alley way to the north, Brougher Avenue to the south, Central Street to the east, and Summit Street to the west. Across Summit Street to the west lies the remaining portion of the subject property and includes a small asphalted parking area and a larger gravel parking area. Two dilapidated buses are currently parked within the gravel area and this parcel appears to have an abundance of black staining on the gravel surface. Access to the subject property is gained via Brougher Avenue from Main Street. The subject property is bordered on the north by a residential home and a disturbed vacant lot containing a large soil pile. To the south lies Brougher Avenue with residential homes and trailers beyond. Adjacent to the west is residential property. To the east lies residential/commercial property.

The subject property is located along the southwest slope of the San Antonio Mountain range in north central Nevada at an elevation of approximately 6,050 feet above mean sea level. Average minimum and maximum annual temperatures for the area are 40.3 and 61.9 degrees Fahrenheit, respectively, while total annual precipitation averages 4.75 inches. The geology of the subject property has been mapped as Tertiary-age Sedimentary Strata and Interbedded Tuffs, as well as Fraction Tuffs. The Sedimentary Strata and Interbedded Tuffs deposits are described as chiefly volcanogenic sedimentary rocks of lacustrine and fluvia-tile origin intercalated with rhyolitic air-fall tuffs. Local algal reefs, marly and coquinoid limestone, and diatomite beds are also present. The Fraction Tuff deposits are described as lithic-rich rhyolitic to quartz latitic ash-flow tuffs. Surface soils at the subject site have been mapped as Pintwater-Rock outcrop complex with slopes ranging from 15 to 50 percent. The soil unit is described as well drained with very low permeability, very low available water capacity, and rapid surface runoff. There are no surface water bodies such as streams, ponds, or wetlands located on the subject property. The nearest major surface water body to the subject property is Walker Lake, which is located approximately 55 miles to the northwest. MGA estimates that depth to groundwater in the vicinity of the subject property is between 60 and 100 feet below ground surface (fbgs). Based upon our knowledge of local hydrogeologic conditions, MGA estimates that groundwater flow direction is towards the north-northeast. There were no wells observed on the subject property during the site visit and based on a review of the State of Nevada Division of Water Resources (NDWR) database, it does not appear that there are any wells located on or adjacent to the property.

A site reconnaissance revealed recognized environmental conditions (REC) on the subject property. The observed REC is described below:

• APN 008-126-21 and APN 008-125-007 appear to have an abundance of black surface staining. The staining may be due to petroleum hydrocarbons. The extent of petroleum hydrocarbon contamination, if any, on these two parcels is currently unknown.

A historical review indicates that the Convention Center was first developed prior to 1905. In the 1940s, it appears that a version of the current building was constructed and during World War II it was used as the United Services Organizations (USO) offices. In the 1950s and 1960s, the building was utilized as a roller skating rink. The Convention Center became the primary use of the facilities in 1968. Additions

and renovations were made several times after the original construction, with the last major renovation taking place in 1985. A review of historical Sanborn Maps was also performed. This review found two potential RECs for the subject property. The RECs are described as follows:

- It appears that the northwest portion of the subject property (APN 008-126-21) is historically depicted as a portion of a large dump area for a mine (West End Consolidated Mining Co.) in the vicinity of the subject property. This may indicate a potential for contamination on the property from these historic mining activities.
- It appears that in 1941, a "heating plant" was located on the property near the northern portion of the building. This plant may have introduced potentially harmful contaminants to the environment during its use.

During the site visit, observations of the adjacent properties was performed. The possible mine dump area to the north and northwest of the subject property was observed as a large soil pile, and its potential as a REC in relation to the subject property was confirmed.

A regulatory review was performed to search for regulated sites located within a one-mile radius of the subject property. The subject property was not identified in the search as a regulatory site. The regulatory review found one No Further Remedial Action Planned (CERCLIS-NFRAP) site, seven SHWS sites, eight UST sites, one State Brownfields site, one Federal Brownfields site, one solid waste recycling facility (SWRCY), three non-generator sites (RCRA Non-Gen), one formerly used defense site (FUDS), and one manufactured gas plant within the search distance. Of these sites, five are at elevations higher than the subject property. However, all five sites are cross-gradient from the property and do not appear to serve as recognized environmental conditions in relation to the subject property at this time.

Identification and sampling for the presence of asbestos, lead-based paint, and mold contamination was included in the Scope of Work for this Phase I ESA. The Convention Center will be undergoing a major renovation and prior to that renovation, an asbestos and lead-based paint (LBP) survey is required. Building material samples were collected within the Convention Center building to determine the extent, if any, of asbestos and lead contamination. Suspect materials were collected and analyzed for asbestos fibers utilizing Polarized Light Microscopy (PLM). Six of the fifteen bulk samples that were collected during this inspection, were positive for containing asbestos in excess of one percent. In addition, a lead-based paint assessment of suspect painted surface coatings at the building was conducted. Results indicate that lead within paint surfaces sampled were below the regulatory limit. Lastly, the air samples collected to investigate potential mold contamination within the building found a moderately elevated level of mold as compared to outside levels. The reports can be found in Appendix G and the results of the surveys will be utilized to provide recommendations and determine the scope of abatement within the building.

Upon conclusion of our Phase I ESA, and based on the information reviewed, this assessment has revealed evidence of recognized environmental conditions in connection with the subject property. MGA is of the opinion that further environmental investigations are warranted on the subject property at this time to investigate the black surface staining observed on two parcels, the potential for historic mine dump waste contamination on the property, and the extent, if any, of contamination from the historic use of the "heating plant" on the north side of the building.

#### 1. INTRODUCTION

### 1.1 Purpose

This report presents the findings of a Phase I Environmental Site Assessment (ESA) performed on five parcels of land located in Nye County, Nevada. McGinley and Associates, Inc. (MGA) conducted this investigation for the purpose of identifying *recognized environmental conditions* (RECs) on the property and/or nearby properties in accordance with the 2005 American Society of Testing and Materials (ASTM) standards for the performance of Phase I Environmental Site Assessments (ASTM E 1527-05), as well as the standards established by the U.S. Environmental Protection Agency (EPA) in 2006 for conducting All Appropriate Inquiry (AAI).

#### 1.2 Conditions of Contract

MGA performed this work for the Nevada Division of Environmental Protection (NDEP) (client) on the behalf of the Town of Tonopah, as part of the State of Nevada Brownfields program pursuant to our proposal dated May 10, 2011.

### 1.3 User Responsibilities

In accordance with ASTM E 1527-05, the user of this Phase I ESA is required to provide information to help identify the possibility of RECs. In order to obtain this information, a questionnaire was provided to Mr. James Eason, Tonopah Town Manager during an interview. The completed questionnaire is attached in Appendix A.

### 1.4 Scope of Work

The scope of work performed and procedures utilized included the following tasks:

- **Environmental setting review** to determine potential pathways for the migration of contaminants onto, or off of, the subject property;
- **Site reconnaissance** of the subject property and observation of adjacent properties and vicinity by a qualified person under the direct supervision of an MGA Certified Environmental Manager;
- **Review of site history/land use** through historic aerial photographs, a historic topographic map, local jurisdiction records, and a personal interview;
- **Review of regulatory agency records** to identify and assess any listings of regulatory permits, registrations, or enforcement actions at the subject site or proximal sites, through both a commercial database search and agency inquiries;
- Collection of building material samples for the purpose of providing an asbestos, lead-based paint, and indoor air quality survey of the building prior to renovation practices; and,
- **Preparation of this report** that describes all work performed and presents a discussion of the results.

#### 2. SITE CHARACTERISTICS

#### 2.1 Site Location

The property investigated for this Phase I Environmental Site Assessment consists of five parcels of land. The onsite building is located at 301 Brougher Avenue, Tonopah, Nye County, Nevada. The subject property lies in downtown Tonopah (Figure 1). These parcels are listed with Nye County, Nevada as Assessor's Parcel Numbers (APNs) 008-125-07, 008-125-08, 008-126-01, 008-126-02, and 008-126-21. Geographically, the subject property is located in the NW¼ of the SE ¼ of Section 35, Township 3 North, Range 42 East of the Mount Diablo Base and Meridian (MDB&M). A copy of the Assessor's Map that depicts the subject property is provided herein as Appendix B.

### 2.2 Site Description and Current Usage

The subject property consists of five parcels of land totaling approximately 0.76 acres in size. The site is currently developed with the Town of Tonopah Convention Center which was originally constructed in the 1940s. The parcel with the Convention Center building (008-128-08) was first developed prior to 1905 (earliest known records) with a small building labeled as the Mitzpah Club. The existing building consists of an entrance area, two meeting rooms, a large banquet and show room, a large kitchen, six bathrooms (three men and three women), and storage rooms. The building is surrounded by town roads including an alley way to the north, Brougher Avenue to the south, Central Street to the east, and Summit Street to the west. Across Summit Street to the west lies the remaining portion of the subject property and includes a small asphalted parking area and a larger gravel parking area. Two dilapidated buses are currently parked within the gravel area. The layout of the subject property is illustrated in Figure 2.

Utilities supplied to the subject property consist of power [Sierra Pacific Power (NV Power)], sewer (Tonopah Public Utilities), and water (Tonopah Public Water System).

### 2.3 Adjacent Properties

The subject property is bordered by the following:

North:	Alley with residential home beyond and a large vacant lot with a stockpile of soil.
South:	Brougher Avenue with residential homes and trailers beyond.
East:	Central Street with residential/commercial property beyond.
West:	Residential properties.

#### 3. ENVIRONMENTAL SETTING

### 3.1 Regional Physiographic Setting

The subject property is located along the southwest slope of the San Antonio Mountain range in north central Nevada at an elevation of approximately 6,050 feet above mean sea level (USGS, 1960). The climate of the region is described as Mid-Latitude Desert, which is characterized by cold winters, hot summers, and arid precipitation conditions (Houghton et. al., 1975). Average minimum and maximum annual temperatures for the area, as recorded in Tonopah, Nevada during the period from 1902 to 1954, are 40.3 and 61.9 degrees Fahrenheit, respectively, while total annual precipitation averages 4.75 inches (Western Regional Climate Center (WRCC), 2010)

### 3.2 Geologic Conditions

The geology of the subject property has been mapped as Tertiary-age Sedimentary Strata and Interbedded Tuffs, as well as Fraction Tuffs. The Sedimentary Strata and Interbedded Tuffs deposits are described as chiefly volcanogenic sedimentary rocks of lacustrine and fluvia-tile origin intercalated with rhyolitic air-fall tuffs. Local algal reefs, marly and coquinoid limestone, and diatomite beds are also present. The Fraction Tuff deposits are described as lithic-rich rhyolitic to quartz latitic ash-flow tuffs. Surface soils at the subject site have been mapped as Pintwater-Rock outcrop complex with slopes ranging from 15 to 50 percent. The soil unit is described as well drained with very low permeability, very low available water capacity, and rapid surface runoff. (Natural Resources Conservation Service, 2009).

#### 3.3 Surface Water Conditions

There are no surface water bodies such as streams, ponds, or wetlands located on the subject property. The nearest major surface water body to the subject property is Walker Lake, which is located approximately 55 miles to the northwest. Runoff from the site during storm events will travel overland towards Central Street to the east and along Brougher Avenue to the south. According to the Federal Emergency Management Agency (FEMA), the site lies outside the 0.2% annual chance flood hazard zone.

#### 3.4 Groundwater Conditions

Based upon a review of well logs for the area, as provided on-line by the Nevada Division of Water Resources (NDWR), MGA estimates that depth to groundwater in the vicinity of the subject property to be between 60 and 100 feet below ground surface (fbgs). Based upon our knowledge of local hydrogeologic conditions, MGA estimates that groundwater flow direction is towards the north-northeast. There were no wells observed on the subject property during the site visit and based a review of the State of Nevada Division of Water Resources (NDWR) database it does not appear that there are any wells located on or adjacent to the property.

#### 4. SITE RECONNAISSANCE

### 4.1 Methodology

For the purpose of assessing current site conditions, a visit to the subject property and surrounding areas was conducted on July 2, 2011 under mild and sunny conditions. During the site visit, observations were made to identify *recognized environmental conditions* (*RECs*). As defined by ASTM E 1527-05, a *recognized environmental condition* is the presence, or likely presence, of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term REC is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Photographs taken during the site reconnaissance are provided in Appendix C.

### 4.2 Site Description

The subject property consists of five parcels of land totaling approximately 0.76 acres in size. The parcels are separated by Summit Street. One parcel (APN 008-125-08) is currently developed with the Town of Tonopah Convention Center. A small parcel (APN 008-125-07) is adjacent to the northern portion of the building and consists of an alleyway between the Convention Center and the residential property to the north. The three parcels located beyond Summit Street include one small asphalt-covered parcel (APN 008-126-002) on the corner of Summit Street and Brougher Avenue, a larger asphalt-covered parcel adjacent to the north (APN 008-126-01), and a larger, gravel-covered parcel on the northwest corner (APN 008-126-21) of the subject property. There were no site conditions that limited access during the site visit.

### 4.3 Surrounding Properties

The subject property lies within residential and commercial properties. Reconnaissance of the publicly accessible portions of those properties located immediately adjacent to the subject property was performed. The property adjacent to the north and northwest consisted of a large soil stockpile and disturbed land. This observation appears to substantiate the Sanborn Maps depiction of a historic mining dump in that location (see section 5.3). This is considered a potential REC in relation to the subject property.

### 4.4 Observations During Reconnaissance

An MGA representative visited the subject site on July 2, 2011. The entire site was walked and observed for RECs. The following is a list of some of the items of interest that were looked for during the site inspection. If the item was not discovered, it will be noted as "ABSENT". If the item was observed during the site visit, it will be noted as "PRESENT" and a short description of the findings will follow.

• Staining or discoloration of soil and/or pavement

Dark staining was observed on APN 008-126-21 and APN 008-125-07. It appears PRESENT that the staining may be petroleum based.

• Wastewater systems, septic systems, sumps, and/or seeps

A grease interceptor was observed beneath the kitchen floor. It appeared to be in good condition and no leaks and/or stains on the soil were observed. According to the Town of Tonopah Manager, the interceptor was installed in the 1990s and undergoes regularly scheduled maintenance.

**PRESENT** 

•	Wells	ABSENT
•	Patched areas of asphalt or concrete	ABSENT
•	Standing surface water, ponds, farm tanks, etc	ABSENT
•	Railroad spurs	ABSENT
•	Suspect PCB containing equipment	ABSENT
•	Paint booths, spray rigs, etc.	ABSENT
•	Unorthodox heating and ventilation systems	ABSENT
•	Emergency generators	ABSENT
•	Unusual odors	ABSENT
•	Dumping, disturbed soils, direct burial activity	ABSENT
•	Floor drains	
	Typical floor drains were noted within the bathrooms and storage closets.	PRESENT
•	Air emissions	ABSENT
•	Industrial or manufacturing activities	ABSENT
•	Distressed, discolored or stained vegetation	ABSENT
•	Oil or gas well exploration or refinery activities	ABSENT
•	Surface water contamination	ABSENT
•	Farm waste, feed lot spoils, or manure stockpile	ABSENT
•	Prolonged use, misapplication or storage of pesticides	ABSENT

• Discharges, or run-off of potential contaminants from off-site sources

Basements and/or subsurface vaults
 ABSENT

#### 4.5 PCB Sources

Two pole-mounted electrical transformers were observed in the vicinity of the subject site during the site visit. Both transformers appeared to be in good condition. Further, Sierra Pacific Power (NV Energy) has indicated that they no longer use PCB-containing oils in their transformers and make every effort to remove PCB-containing transformers and replace them with safer equipment.

**ABSENT** 

#### 5. SITE HISTORY AND LAND USE

As defined in ASTM E 1527-05, a historical recognized environmental condition (HREC) is one that, in the past, would have been considered a recognized environmental condition, but which may or may not currently be considered as such. Typically, HRECs refer to the presence or likely presence of a hazardous substance or petroleum product that was released in the past, but which had since been properly remediated under the guidance of a government agency and issued an appropriate closure letter after the remediation was concluded.

A historical assessment of the subject property was performed through a search and review of historic aerial photographs, a historic topographic map, County records, and questionnaires/interviews. Sanborn Fire Insurance Maps dated from 1905 through 1941 were reviewed for the subject property. The purpose of the historical assessment was to identify potential conditions that may have impacted the subject property in the past. A summary of our historical assessment is presented below.

### 5.1 Historic Aerial Photographs

The Nevada Bureau of Mines and Geology (Reno, Nevada) and Environmental Data Resources (EDR) were utilized to review historic aerial photographs for the subject property. The report generated by EDR can be found in Appendix D.

The following is a review of some of the aerial photographs reviewed by MGA:

#### 1959 (Nevada Bureau of Mines and Geology)

The site appears to be developed with a building similar in size to the current building found on the subject property. The northwest corner of the property appears to be part of a large, disturbed area adjacent to the north and northwest.

#### 1964 (Nevada Bureau of Mines and Geology)

It appears that there are no changes to the subject property. The disturbed area to the north and northwest appears to be a large mound of soil or debris.

#### 1977 (Nevada Bureau of Mines and Geology)

It appears that there are no changes to the subject property or adjacent properties.

#### 1987 (Nevada Bureau of Mines and Geology)

It appears that there are no changes to the subject property or adjacent properties.

#### 1999 (EDR)

It appears that there are no changes to the subject property or adjacent properties.

#### 2006 (EDR)

There does not appear to be any changes to the subject property or adjacent properties other than the parked buses observed on the northwest portion of the subject property during the site visit is visible. Further, the staining on that portion of the property appears to be visible as well.

Based on the review of the historical aerial photographs, the disturbed soil noted in the photos on the adjacent property to the north and northwest appears to substantiate the Sanborn Maps depiction of a historic mining dump in that location (see section 5.3). Further, a large soil pile was observed on that adjacent property during the site visit and the soil appeared to consist of multiple colors, possibly indicating historic mine dumpings.

### 5.2 Historic Topographic Map

A historic topographic map (Tonopah, NEV – USGS 1960, Photorevised 1982), was reviewed for the subject property and its immediate vicinity. The topographic map did not appear to show any indication of potential issues associated with the subject property or the adjacent properties.

### 5.3 Sanborn Maps

Published Sanborn Maps depicting the subject property were reviewed. Based on these maps, it appears that the site was developed with buildings as far back as 1905. The following descriptions of the maps are below:

#### 1905

The 1905 Sanborn Map appears to depict the subject property as developed with the Mitzpah Club (location of current Convention Center) and several residences and automobile storage buildings. The adjacent properties appear to be residences and commercial businesses.

#### 1906

The 1906 Sanborn Map appears to depict the subject property as a news facility. No other major changes appear on the map in the vicinity of the subject property.

#### 1909

The 1909 Sanborn Map appears to show no changes to the subject property other than the disappearance of the automobile storage buildings. No other major changes appear on the map in the vicinity of the subject property

#### 1917

The 1917 Sanborn Map appears to show the subject property as developed with the town "hall". The northwest portion of the property (APN 008-126-21) appears to be part of the dump area for the West End Consolidated Mine Co. and their mining activities to the northwest. In addition it appears that a printing business is located across Central Street to the east.

#### 1941

The 1941 Sanborn Map appears to depict a "heating plant" on the north side of the building located on the subject property. Further, the dump area for the West End Consolidated Mine Co. is still depicted. The map indicates that the activities have ceased at the mine as of 1930.

Based on the Sanborn Maps reviewed, it appears that several items serve as a REC for the subject property. The RECs are described below:

• It appears that the northwest portion of the subject property (APN 008-126-21) is historically depicted as a portion of a large dump area for a mine (West End Consolidated Mining Co.) in the vicinity of the subject property. This may indicate a potential for contamination on the property from these historic mining activities.

• It appears that in 1941, a "heating plant" was located on the property near the northern portion of the building. This plant may have introduced potentially harmful contaminants to the environment during its use.

### 5.4 Nye County Assessor's Office

According to the Nye County, Nevada Assessor's Office, the subject property is located on five parcels of land totaling approximately 0.76 acres in size. The parcels are currently owned by the Nye County Board of Commissioners (APN 008-125-007) and the Town of Tonopah. No other owners of record are listed within the Assessor's information researched. There are no owners of record that appear to serve as a Recognized Environmental Condition in relation to the subject property.

### 5.5 Personal Interview

On July 2, 2010, an interview was conducted with Mr. James Eason, Tonopah Town Manager, with regard to site history and known or suspected environmental issues associated with the subject property or adjacent properties. Mr. Eason related that the Convention Center building has undergone several renovations in its history with the latest one occurring in the middle of the 1980s. Mr. Eason also provided information on the grease interceptor that was observed beneath the kitchen floor. He related that the interceptor was installed in the 1990s and undergoes regularly scheduled maintenance. He was not aware of any issues associated with the interceptor. In addition, Mr. Eason was able to provide an asbestos sampling map of the roof for which a limited asbestos survey was performed by the Town of Tonopah in order to determine if asbestos containing materials would be found within the roofing material. Lastly, a user questionnaire was completed by Mr. Eason during the interview for the Town of Tonopah ("User"). The response can be found in Appendix A.

#### 6. REGULATORY AGENCY REVIEW

A regulatory agency review was conducted through both a commercial database search (Environmental Data Resources, Inc (EDR)) and agency inquiries. The purpose of this regulatory agency review was to ascertain if regulatory actions have been imposed on the subject property, or on properties within the radius guidelines established by the 2005 ASTM Standards for Environmental Site Assessments.

### 6.1 Environmental Data Resources (EDR) Radius Map Report

At the request of MGA, Environmental Data Resources, Inc. (EDR) performed a review of federal, state, and local environmental databases. A copy of the EDR report is included herein as Appendix E. Included within the report are summaries of the regulatory databases reviewed, a listing of sites identified within the search radius, detailed data on the identified sites, and maps showing the locations of facilities reported to have had regulatory action. MGA reviewed and evaluated all of the sites in the EDR report.

The EDR database search was conducted using a 1-mile search radius starting from the subject property. The regulatory agency review did not identify the subject property as having any regulatory sites.

The results of the review of the standard environmental records sources are summarized below:

- One CERCLIS No Further Remedial Action Planned (NFRAP) site was listed within onequarter mile of the subject site. The listing refers to the Johnson Mine located approximately three-eighths mile to the east. The site is at a higher elevation but cross-gradient to the subject property and does not appear to appear to serve as a REC in relation to the subject property.
- Seven State Hazardous Waste Sites (SHWS) were listed within one-mile of the subject property. Of these seven sites, two are located at elevations higher than the subject property. However, both of these sites are cross-gradient to the subject property and do not appear to serve as a REC in relation to the subject property.
- Eight Leaking Underground Storage Tank (LUST) sites were listed within one-half mile of the subject property. Of the eight sites, only one site is located at a higher elevation. The tank is now permanently out of use and located cross-gradient from the subject property. Therefore, it does not appear to serve as a REC in relation to the subject property at this time.
- One State and one Federal Brownfields site was listed within one-quarter mile of the subject property. The listings refer to the Silver Strike Motel located downgradient from the subject property. It appears that asbestos abatement and soil remediation took place during Brownfields activities and the site was closed. It does not appear to serve as a REC in relation to the subject property.
- One Solid Waste Recycling Facility (SWRCY) was listed within one-eighth mile of the subject property. The listing refers to a Ford-Mercury facility that provided recycling services for used oil and transmission fluids. The site is located downgradient and does not appear to serve as a REC in relation to the subject property.
- Three RCRA Non-Generator (Non-Gen) sites were listed within one-quarter mile of the subject property. All three sites are located at a lower elevation and downgradient from the subject property. Therefore, they do not appear to serve as a REC in relation to the subject property.
- One Formerly Used Defense (FUDS) site was listed within one mile of the subject property. The listing refers to the Tonopah Air Force Station located approximately one mile southeast of the Town of Tonopah. The site was formerly used by the United States Air Force to run a

radar station. The site's occupants now include the Nye County School District, the Bureau of Land Management, the FAA, Tonopah Pre-School, the University of Nevada, and the Nye County Search and Research Association. At this time, it does not appear that the site serves as a REC in relation to the subject property.

Additional environmental records searched or considered proprietary by EDR found one other sites within the search distance. The site is summarized below:

• One Manufactured Gas Plant site was found within one mile of the subject property. The plant is located approximately one-half mile to the northeast and the average wind direction is from the northwest. At this time, the site does not appear to serve as a REC in relation to the subject property.

The EDR database search also identified a number of sites that could not be mapped due to insufficient address information. MGA reviewed all of these sites and has determined that each are located far from the subject property, are at locations that are considered likely to be hydrologically downgradient from, or cross gradient to, the subject property, have had no reported releases, have had no reported violations of hazardous waste regulations, and/or have received regulatory closure. For this reason, the unmapped sites are considered unlikely to cause, or to have caused in the past, environmental impact to the subject property.

#### 6.2 NDEP File Review

There were no sites listed in the regulatory review report that warranted a file review at this time.

### **6.3 Tonopah Volunteer Fire Department**

Multiple attempts to contact the Tonopah Volunteer Fire Department was made to discuss the subject property and determine if there was any information regarding past uses or environmental issues associated with the subject property. As of the date of this report, contact was not made.

#### 7. POTENTIAL ENVIRONMENTAL HAZARDS

A review of site-specific, potential environmental hazards was conducted for the purpose of identifying environmental issues not subject to regulatory enforcement action, but which may nevertheless be considered a *Business Environmental Risk* to the user of this Phase I ESA.

#### 7.1 Asbestos

Asbestos containing materials (ACM) have been identified as a potential health hazard, particularly when the material is friable and becomes damaged. Identification and sampling for the presence of ACM within the Convention Center building was part of the Scope of Work (as outlined in Section 1.4 of this Phase I ESA Report) for this Phase I ESA. Historical research and interviews indicate that the existing building located on the subject property was first constructed in the 1940s and several major renovations, including one in 1968, occurred after that. In addition, during the bidding process for a proposed renovation of the roof, a limited asbestos investigation was performed by the Town of Tonopah. The investigation included the collection of a number of roofing material samples for asbestos analysis. The results indicated that asbestos was found within a portion of the materials sampled. Therefore, an asbestos survey was performed to provide abatement recommendations prior to renovation of the building. Suspect materials were collected and analyzed for asbestos fibers utilizing Polarized Light Microscopy (PLM). Six of the fifteen bulk samples that were collected during this inspection, were positive for containing asbestos in excess of one percent. The asbestos survey and our recommendations can be found in Appendix G.

#### 7.2 Lead-Based Paint

Many buildings constructed or renovated prior to 1978 contain paint consisting of a high concentration of lead. If not properly cared for, the paint, chips, and dust may pose serious health concerns. Due to the age of the Convention Center and the dates in which major renovations took place for the property, lead-based paint may be found within the building. Therefore, identification and sampling for the presence of lead-based paint within the Convention Center building was part of the Scope of Work (as outlined in Section 1.4 of this Phase I ESA Report) for this Phase I ESA. Painted surface samples were collected in conjunction with the asbestos and mold samples. Results indicate that lead within paint surfaces sampled were below the regulatory limit. The lead-based paint survey and our recommendations can be found in Appendix G.

#### 7.3 Radon

Radon gas is a colorless, toxic gas derived from the radioactive decay of uranium and other minerals, which are often found within bedrock and unconsolidated sediments. Radon gas can enter homes and other structures through floor cracks and other openings that are in direct contact with the underlying geologic materials. Sampling for the presence of radon gas is beyond the Scope of Work (as outlined in Section 1.4 of this Report) for this Phase I ESA. However, MGA has reviewed the U.S. Environmental Protection Agency (EPA) published map of radon zones for the State of Nevada. According to the map, Nye County, and specifically the Town of Tonopah is identified to be within Zone 2, which is defined as areas having moderate radon potential (2-4 pCi/L). The U.S. EPA recommended action level for radon gas is 4 pCi/L. Should the user of this Phase I ESA wish to gain confidence with regard to the risk of radon gas, it is recommended that the on-site structure be tested.

#### **7.4** Mold

Molds are naturally occurring organisms that live and reproduce on moist surfaces. Within the interior of a structure, the presence of mold can lead to asthma, allergic reactions, and respiratory problems. Identification and sampling for the presence of mold are part of the Scope of Work (as outlined in Section 1.4 of this Report) for this Phase I ESA. Air samples collected to investigate potential mold contamination within the building found a moderately elevated level of mold as compared to outside levels. The survey and our recommendations can be found in Appendix G.

#### 8. SUMMARY AND CONCLUSIONS

McGinley and Associates, Inc. (MGA) has performed this Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527 - 05 on five parcels of land, which includes the Tonopah Convention Center located at 301 Brougher Avenue in the Town of Tonopah, Nye County, Nevada. A summary of our environmental conclusions is presented below.

### 8.1 Subject Property Concerns

#### 8.1.1 Recognized Environmental Conditions

Several *recognized environmental conditions* were noted for the subject property. They are described below:

- APN 008-126-21 and APN 008-125-007 appear to have an abundance of black surface staining. The staining may be due to petroleum hydrocarbons. The extent, if any, of petroleum hydrocarbon contamination on these two parcels is unknown.
- It appears that the northwest portion of the subject property (APN 008-126-21) is historically depicted as a portion of a large dump area for a mine (West End Consolidated Mining Co.) in the vicinity of the subject property. This may indicate a potential for contamination on the property from these historic mining activities.
- It appears that in 1941, a "heating plant" was located on the property near the northern portion of the building. This plant may have introduced potentially harmful contaminants to the environment during its use.

### 8.1.2 Historical Recognized Environmental Conditions

No historical recognized environmental conditions (HREC) were noted for the subject property.

### 8.2 Surrounding Property Concerns

Based on the site visit, historical research, and regulatory review, the adjacent property to the north and northwest appears to be a historic mine dump location. At the time of the site visit, a large stockpile of multi-colored soil was observed on that property. The northwestern portion of the subject property (APN 008-126-21) appears to have been part of the historic mine dump in the past. Therefore, this is considered a potential REC and is discussed above in Section 8.1.1.

#### 8.3 Conclusions

MGA has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the subject property located at 301 Brougher Avenue, Town of Tonopah, Nye County, Nevada, and which is identified by Nye County, Nevada as Assessor's Parcel Numbers (APNs) 008-125-07, 008-125-08, 008-126-01, 008-126-02, and 008-126-21. Any exceptions to, or deletions from, this practice are described in Section 9 of this report.

Upon conclusion of our Phase I ESA, and based on the information reviewed, this assessment has revealed evidence of recognized environmental conditions in connection with the subject property. MGA is of the opinion that further environmental investigations are warranted on the subject property at this time to investigate the black surface staining observed on two parcels, the potential for historic mine dump waste contamination on the property, and the extent, if any, of contamination from the historic use of the "heating plant" on the north side of the building. In addition, MGA recommends abatement activities for asbestos containing materials (ACM) and building materials impacted by water intrusion within the structure prior to renovation (see Appendix G).

#### 8.4 Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional, as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of the environmental professionals utilized in performance of this Phase I ESA are attached in Appendix H.

#### 9. LIMITATIONS

#### 9.1 General

The conclusions and recommendations presented above are based upon the agreed scope of work outlined in the above report. McGinley and Associates, Inc. makes no warranties or guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information, which is not available to McGinley and Associates, Inc. at the time of writing the Report, may result in a modification of the conclusions and recommendations presented. The services performed by McGinley and Associates, Inc. have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion, but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney-client communication or as an attorney work product.

This report has been prepared for the sole use of the addressee of this report, and cannot be released without consent from McGinley & Associates Inc. If a third party relies on the information provided in this report, McGinley and Associates, Inc. accepts no responsibility for damages suffered by the third party as a result of reliance of information contained in this report, and that nothing contained in this report shall create a contractual relationship or cause the third party to bring suit against McGinley & Associates, Inc.

### 9.2 Data Gaps

Historical Sanborn Maps, aerial photographs and/or topographic maps for years prior to 1905 could not be obtained for review. Therefore, our knowledge of site history prior to this time is limited. However, MGA is of the opinion that, should Sanborn Maps, aerial photographs or topographic maps for years prior to 1905 become available, the conclusions drawn herein would be unlikely to change.

#### 10. REFERENCES

ASTM, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05

Certified Sanborn Maps, 1905 – 1941. Environmental Data Resources, Inc. Inquiry Number: 3083318.3

Environmental Regulatory Site Search, *The EDR Radius Map Report with GeoCheck*, Environmental Data Resources, Inc. Inquiry Number: 3083318.2s, June 1, 2011.

Federal Emergency Management Agency (FEMA), *Flood Insurance Rate Map (FIRM)*, Panel 32023C, Tonopah, NV.

Historic Aerial Photographs –1959 - 1987. Nevada Bureau of Mines and Geology, Reno, Nevada.

Historic Aerial Photographs -1974 - 2006. Environmental Data Resources, Inc. Inquiry Number: 3083318.4.

Maxey, G. B., and Johnson, C. H., 1948, *Geology and Water Resources of Las Vegas, Pahrump, and Indian Springs Valleys, Clark and Nye County, Nevada:* State of Nevada, Office of the State Engineer, Water Resources Bulletin No. 5, 121 p.

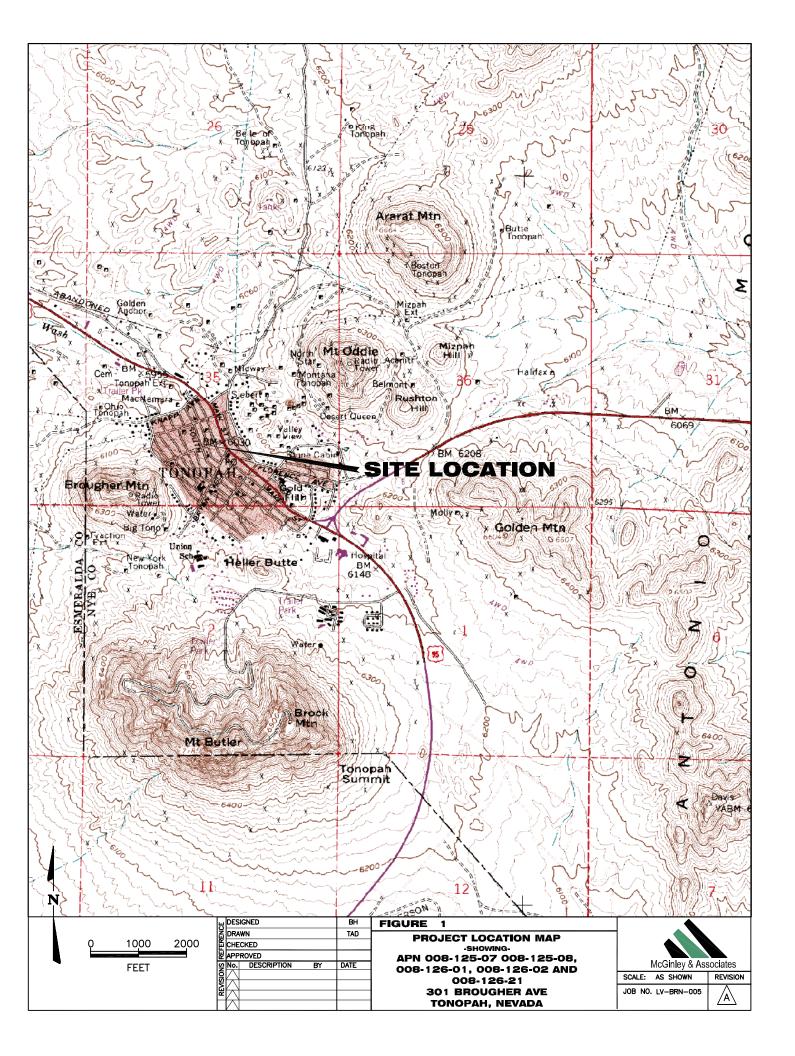
Nevada Division of Water Resources (on-line), <a href="http://water.nv.gov">http://water.nv.gov</a>, Well log database.

Natural Resources Conservation Service. Soil Survey Area: Big Smoky Valley Area, Nevada, Part of Nye County. Survey Area Data: Version 5, Oct 19, 2009. United States Department of Agriculture.

Nye County Assessor's Office (on-line), <a href="http://asdb.co.nye.nv.us:1401/cgi-bin/asw100">http://asdb.co.nye.nv.us:1401/cgi-bin/asw100</a> - Assessors Real Property Records, Assessor's Parcel Maps.

United States Geological Survey, 1960 (Photorevised 1982). *Topographic Map of TONOPAH*, *NEV.*, *SW/4 Tonopah 15' Quadrangle*.

Western Regional Climate Center (WRCC), 2010. Desert Research Institute Website.





# **APPENDIX A**

**User Questionnaires** 

#### **ASTM E 1527-05 USER QUESTIONNAIRE**

Please return this form with the signed and completed Agreement for Services.

In order to qualify for one of the *Landowner Liability Protection (LLP's)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), 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. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of their actual knowledge.

Site Name: Tonolati Conumon Course

Assessor's Parcel Number: 008-125-08; 008-126-01, 02, 21; 008-125-07

Site Address (if applicable): 301 W. Roucher toc.

(1.) Environmental Cleanup liens that are filed or recorded against the site (40 CFR 312.25). Are you aware of any environmental cleanup liens against the *property* that are filled or recorded under federal, tribal, state, or local law?

No

(2.) Activity and land use limitations (AUL's) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

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

No

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

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

No

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

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

N/A

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

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

(a.) Do you know the past uses of the property?  Year (USC). Station Rink Convention Center
Yes (USO, SKating Rink, Convention Center, Community Center).
(b.) Do you know of specific chemicals that are present or once were present at the property?
No
(c.) Do you know of spills or other chemical releases that have taken place at the <i>property</i> ?
No
(d.) Do you know of any environmental cleanups that have taken place at the <i>property</i> ?
No

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

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

No

NAMES TEASON
Name (Authorized Client Representative)
TOWN Manager
Title dames Caser
Signature 6-2-1/

# **APPENDIX B**

**Assessor's Maps and Parcel Information** 

NYE COUNTY

> 08-17-88 03-01-89 03-29-90 06-14-91

> 03-20-92

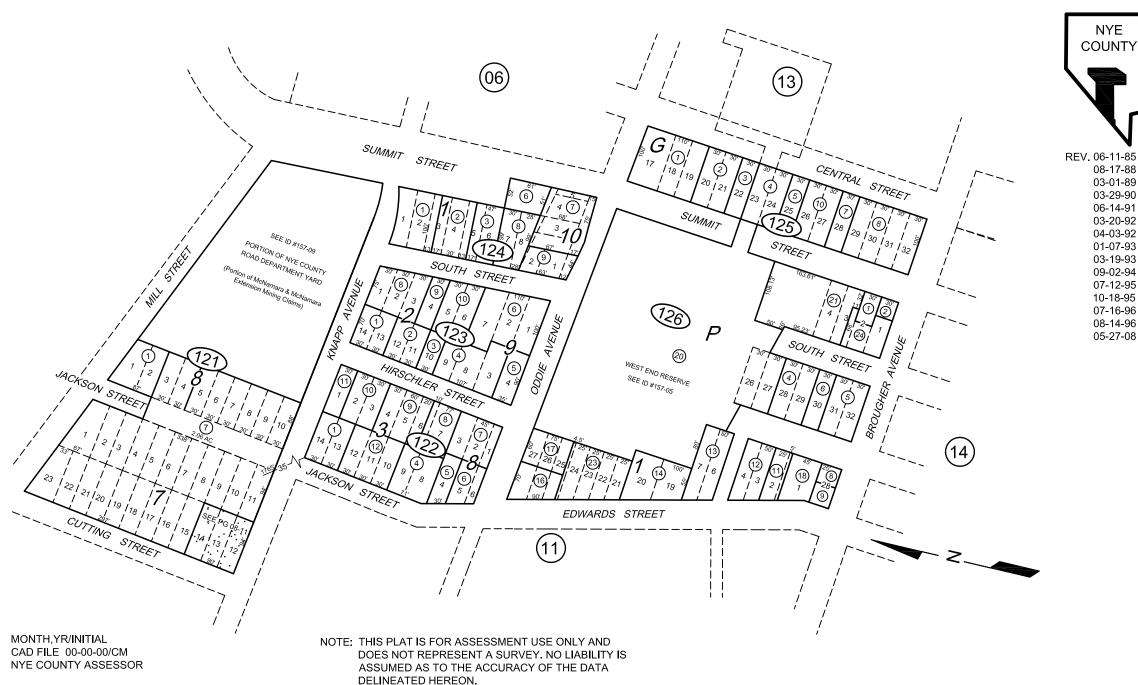
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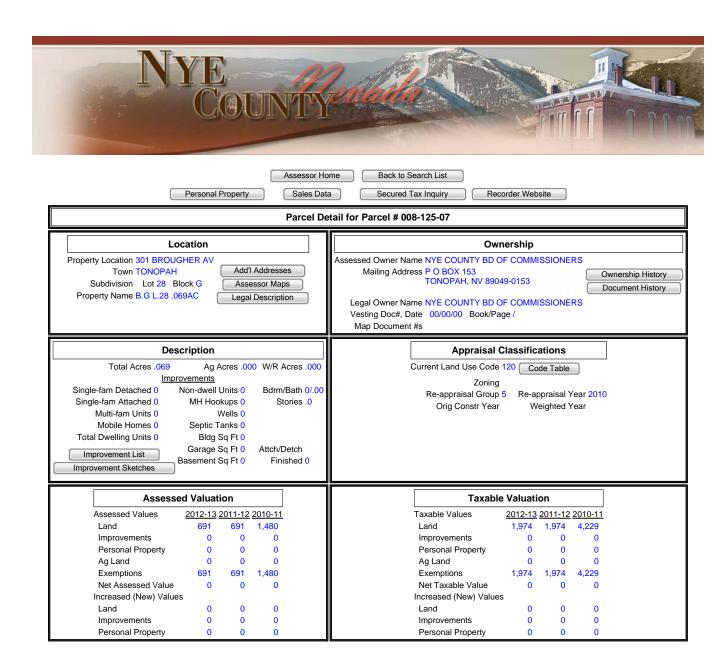
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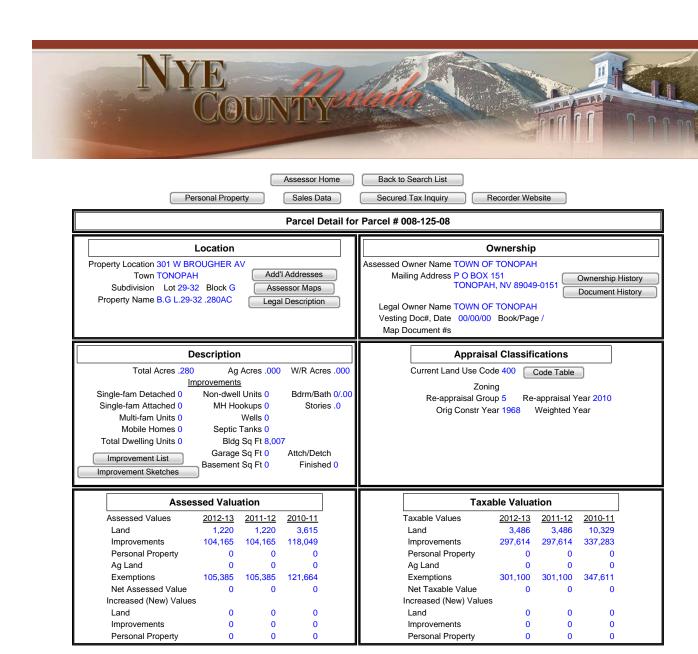
03-19-93 09-02-94 07-12-95 10-18-95

07-16-96 08-14-96

05-27-08







Improvement List for Parcel # 008-125-08										
	Grp #     Impr #     Description     Year     Cnt/ Size     Replacement Size     Assessment Cost     Assessment Date									
Open	1	1	SHED,CL.2 T.II	1990	28	526	10/14/10	352		
Open	1	2	CFW	1985	1,166	3,090	10/14/10	1,839		
Open	1	3	CCP	1990	56	711	10/14/10	476		
Open	1	4	C/L FENCE 6'	1990	20	158	10/14/10	106		
Open	1	5	COP/STEPS	1968	63	269	10/14/10	91		
Open	1	6	CCB WALL	1968	220	1,602	10/14/10	545		
Open	4	1	CONVENTION CENTER	1968	8,007	824,401	10/14/10	280,296		
Open	Open         4         2         ENTRY MEZZANINE         1968         160         4,595         10/14/10         1,562									
R	CNLD	: Repl	acement Cost New, Less D	eprecia	ıtion					
							Close W	/indow		

# **SKETCH/AREA TABLE ADDENDUM**

TY TONOPAH	COUNTY NYE	STATE N	V ZIP <b>89049</b>	
GAL DESC	JOURNI MIL	OIMIL N	- 211 00070	
PRAISER NAME BRENDA BAKER	BDRM/B	TH/FP/WL HGT		
ETCHED BY BRENDA BAKER		PLAN SQFT INFO		
44.0'		20.0'	38.0'	
CFW	0.08	MEZZ.	CFW	8.0'
The American State of the Control of	ing the second s	102.0'	The first of the first of the second consistency of the second second second second second second second second	30.0
70.8 SHED .0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.		/ENTION CENTER UCCO/FLAT/RR		82.0'
45.0'	ĈĖŴ	95.0'	COP 0.7	
	59.0'		9.0'	

# **CALCULATIONS ADDENDUM**

APN 8-125-08 INSPECT'N DATE 9/2/10

PROPERTY ADDRESS 201 W BROUGHER AV	/E			
CITY TONOPAH	COUNTY NYE	STATE NV	ZIP <b>89049</b>	
LEGAL DESC				
APPRAISER NAME BRENDA BAKER	BDRM/B	TH/FP/WL HGT		
SKETCHED BY BRENDA BAKER	STOCK F	PLAN SQFT INFO		

AREA CALCULATIONS SUMMARY								AREA BREAKE	OWN
Code	Description		Factor	Net Size	Perimeter	Net Totals		Breakdown	Subtotals
CCP	CCP		1.00	56.0	30.0	56.0			
CFW	CFW		1.00	304.0	92.0				
	CFW		1.00	352.0	104.0				
	CFW		1.00	510.0	208.0	1166.0			
COP	COP		1.00	63.0	32.0	63.0			
SHED	SHED		1.00	28.0	22.0	28.0			
BARN	MEZZ.		1.00	160.0	56.0	160.0			
COM	CONVENTION	CENTER	1.00	8007.0	368.0	8007.0			

CONVENTION	COM				
102.0 51.0		31.0 95.0		3162.0 4845.0	
Area total (roun	ided w/	o multi	plier	s) =	8007

MEZZ.					BARN	
	8.0	x	20.0	=	160.0	
Area total	(roun	ded w/	o mult	ipliers	) =	160

# **CALCULATIONS ADDENDUM**

APN 8-125-08 INSPECT'N DATE 9/2/10

PROPERTY ADDRESS 201 W BROUGHER AVE							
CITY TONOPAH	COUNTY	NYE	STATE	NV	ZIP	89049	
LEGAL DESC							
APPRAISER NAME BRENDA BAKER		BDRM/BTH/FP/WL HGT					
SKETCHED BY BRENDA BAKER	STOCK PLAN SOFT INFO						

SHED				;	SHED	
	4.0	x	7.0	=	28.0	
Area total	(rour	nded v	v/o mult	ipliers)	=	28

CCP					CCP	
	8.0	ж	7.0	=	56.0	
Area tota	l (rour	nded w/	o mult	tipliers)	=	56

CFW					CFW	
	38.0	x	8.0	=	304.0	
Area tota	ıl (roun	ided w/c	mult	ipliers	) =	304

CFW			CFW	
	44.0 x	8.0 =	352.0	
Area tota	al (rounded w	/o multipliers	s) =	352

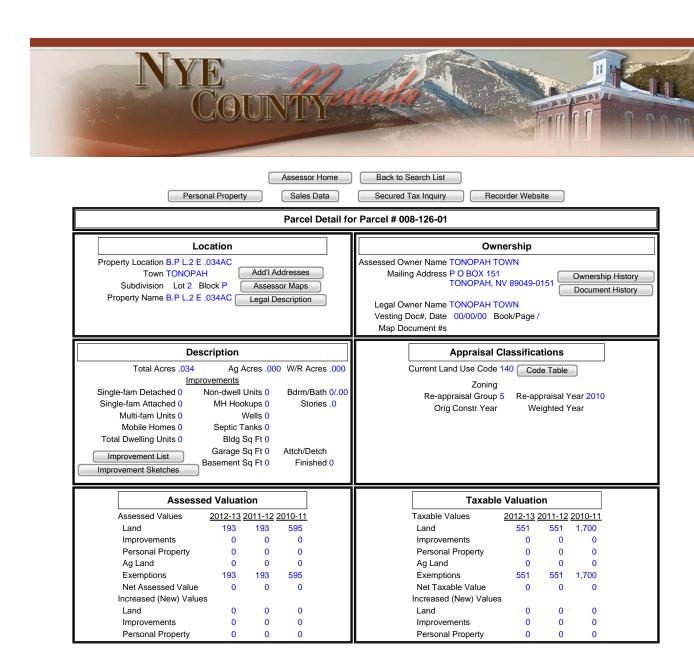
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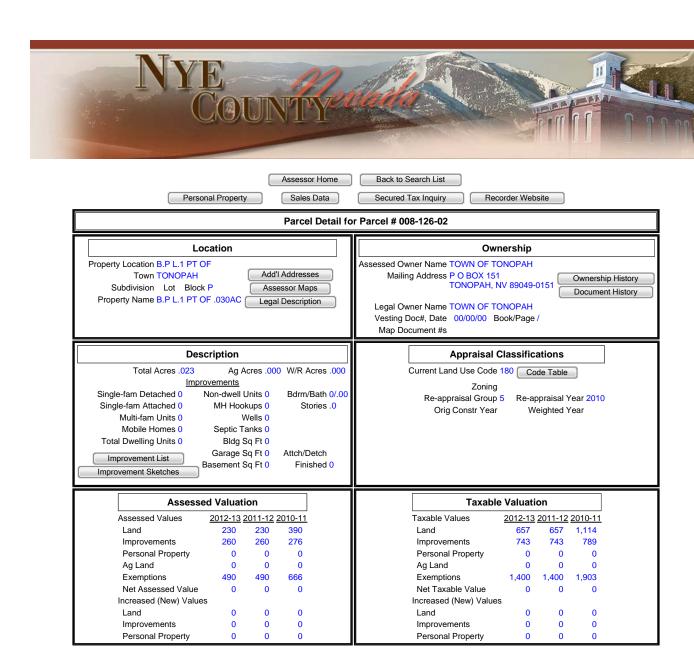
APN 8-125-08 INSPECT'N DATE 9/2/10

PROPERTY ADDRESS 201 W BROUGHER A	VE			
CITY TONOPAH	COUNTY NYE	STATE NV	ZIP <b>89049</b>	
LEGAL DESC				
APPRAISER NAME BRENDA BAKER	BDRM/B	TH/FP/WL HGT		
SKETCHED BY BRENDA BAKER	STOCK F	PLAN SOFT INFO		

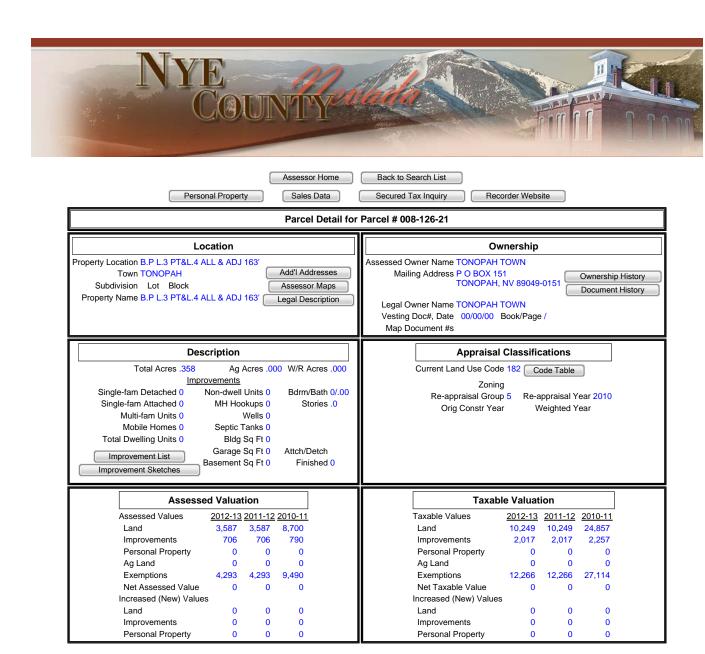
CFW					CFW	
	39.0 59.0	x x	4.0 6.0	=	156.0 354.0	
Area tota	al (rour	nded w/	o mult	ipliers	s) =	510

COP			COP	
	9.0 x	7.0 =	63.0	
Area tota	al (rounded v	w/o multipliers	s) =	63





Improvement Detail for Parcel # 008-126-02				
Group Addition to Roll Description		Improvement # Life Schedule Table	1	
Year Built Dimensions Foundation Stories Roof Type Heat Type	1980	One Less Year of Depreciation Count/Size Wall Type Interior Roof Covering	990	
Number of Fixtures Table, Class & Ext. Unit Cost Add'l Unit Cost		# of Rough-ins or Category		
Multiplier Add'l Lump Sum	1.0000	Year RCNLD was calculated	2012	
Calculated RCNLD = Total Cost x %-Good				
	742	= 1,386 x 53.50		
Ne	w This Year			
\$	<u>%</u>	Appraiser <u>Date</u> BSB 9/07/10		
Remarks PAVING, CFW				
RCNLD: Replacement Cost New, Less Depreciation				
		Close Window		



## **APPENDIX C**

Site Photographs



Photograph 1: Subject Property 301 Brougher Avenue, Tonopah, Nevada 89049 APNs: 008-125-07, 008-125-08, 008-126-01, 008-126-02, 008-126-21



Photograph 2: Northern edge of subject site looking east



Photograph 3: Southern edge of site looking west



Photograph 4: Eastern edge of subject site looking north



Photograph 5: Western edge of site looking south



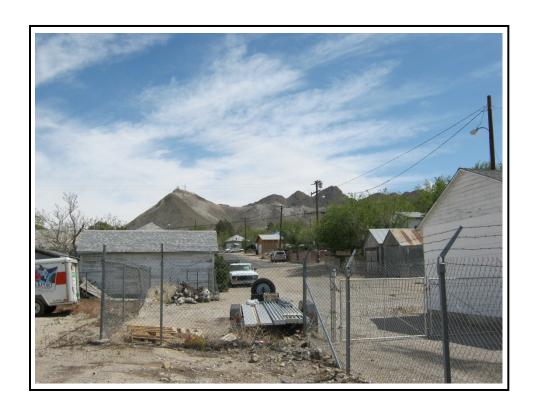
Photograph 6:
Adjacent property to the northwest
(Possibly a portion of the historic mine dump site)



Photograph 7: Adjacent property to the south



Photograph 8: Adjacent property to the east



Photograph 9: Adjacent property to the west



Photograph 10: Convention Center entrance and office



Photograph 11: One of two Convention Center meeting rooms



Photograph 12: Convention Center banquet room dance floor



Photograph 13: Convention Center banquet room dining area



Photograph 14: Convention Center kitchen storage room



Photograph 15: Convention Center kitchen



Photograph 16: Convention Center kitchen grease interceptor cover



Photograph 17: Convention Center kitchen grease interceptor beneath floor



Photograph 18: Convention Center bathroom with floor drain



Photograph 19: Convention Center bathroom with floor drain



Photograph 20: Convention Center HVAC and storage room



Photograph 21: Convention Center HVAC units



Photograph 22: Surface stains on northwest parcel (APN 008-126-21) adjacent to parked buses



Photograph 23: Surface staining on northwest parcel (APN 008-126-21)



Photograph 24: One of two pole-mounted transformers near the subject property



Photograph 25:
One of two pole-mounted transformers near the subject property

## **APPENDIX D**

**Historic Aerial Photographs** 

## **Tonopah Convention Center**

301 Brougher Avenue Tonopah, NV 89049

Inquiry Number: 3083318.4

June 02, 2011

# The EDR Aerial Photo Decade Package



### **EDR Aerial Photo Decade Package**

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

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

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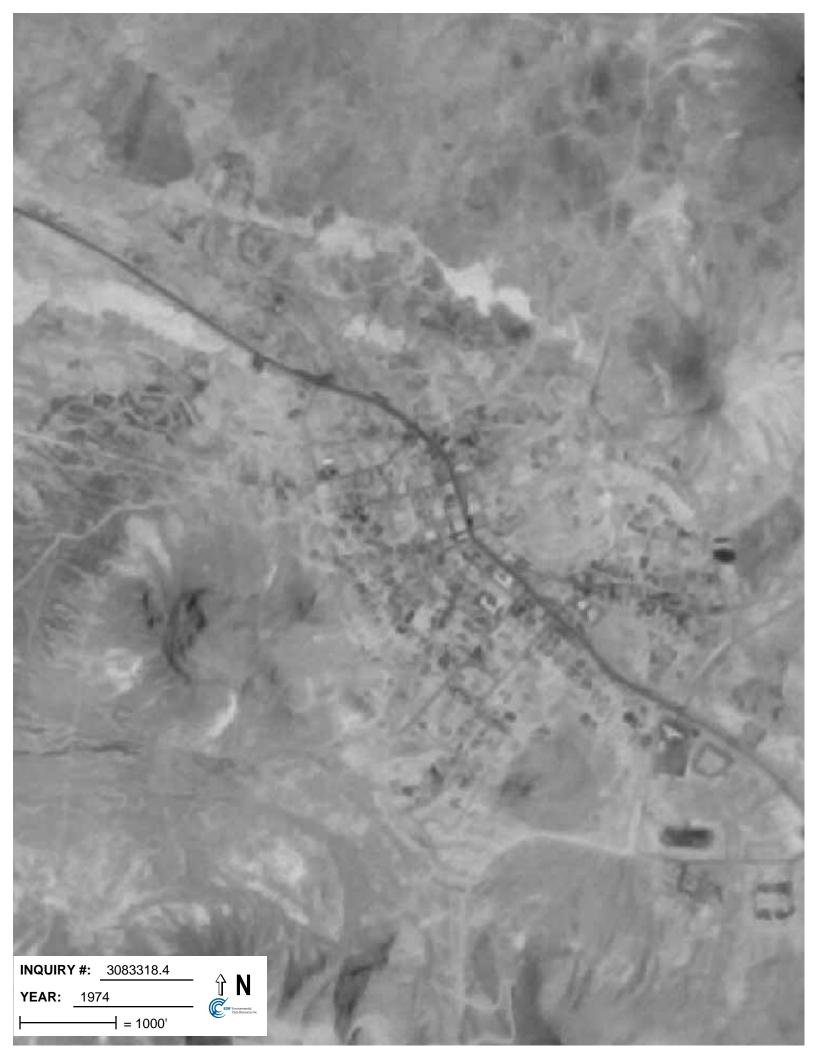
### **Date EDR Searched Historical Sources:**

Aerial Photography June 02, 2011

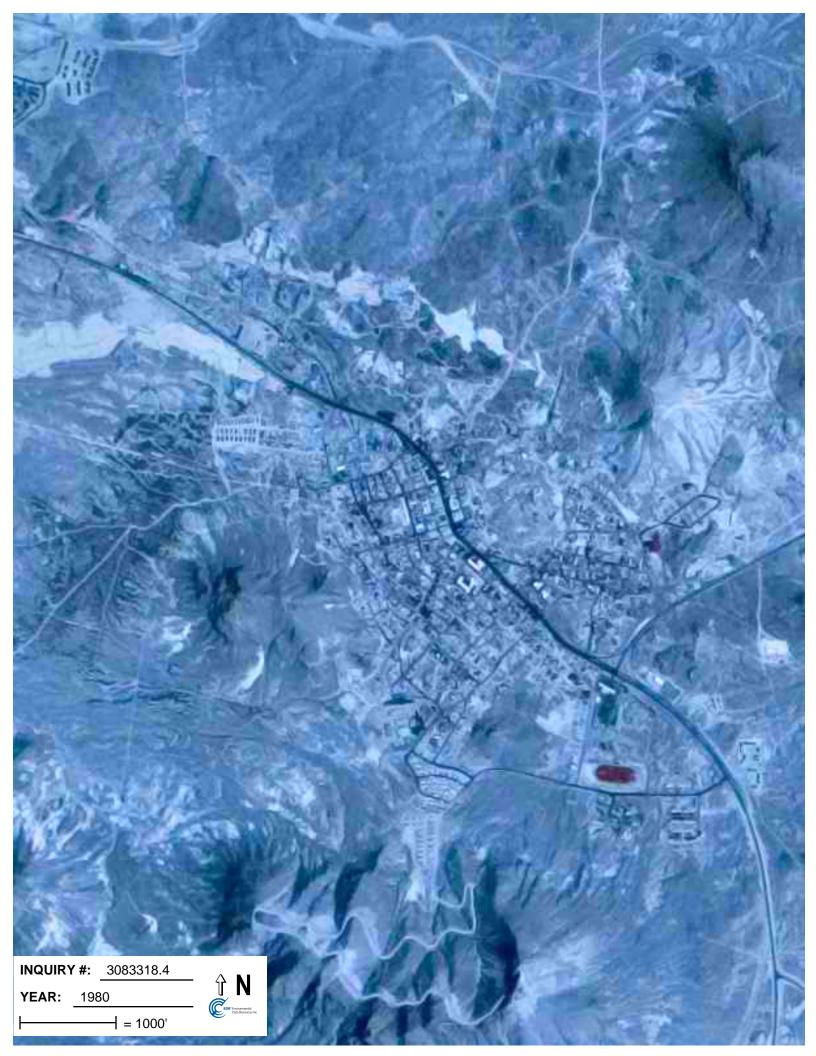
## **Target Property:**

301 Brougher Avenue Tonopah, NV 89049

<u>Year</u>	Scale	<u>Details</u>	<u>Source</u>
1974	Aerial Photograph. Scale: 1"=1000'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: July 07, 1974	EDR
1976	Aerial Photograph. Scale: 1"=1000'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: June 05, 1976	EDR
1980	Aerial Photograph. Scale: 1"=1000'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: August 14, 1980	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: September 22, 1984	4 EDR
1990	Aerial Photograph. Scale: 1"=750'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: June 05, 1990	EDR
1999	Aerial Photograph. Scale: 1"=750'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: September 03, 1999	) EDR
2006	Aerial Photograph. Scale: 1"=604'	Panel #: 38117-A2, Tonopah, NV;/Flight Date: January 01, 2006	EDR





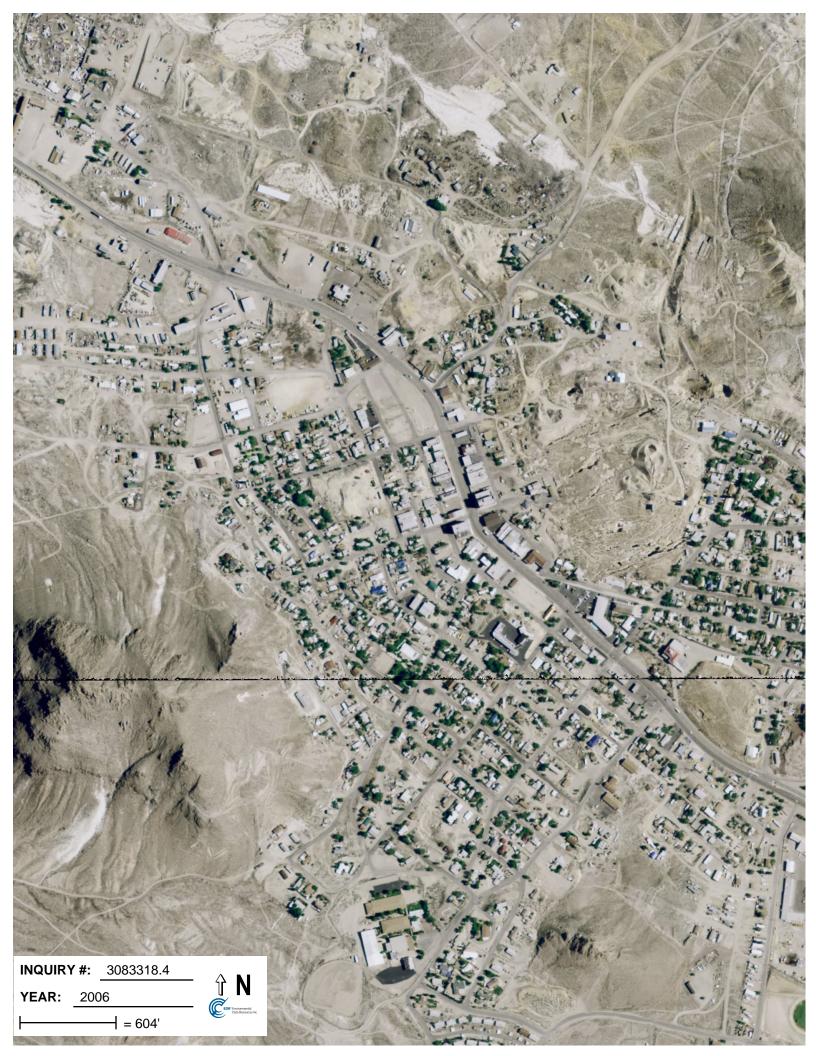




INQUIRY #: 3083318.4

YEAR: 1990
| = 750'





## **APPENDIX E**

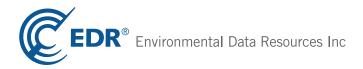
**EDR Radius Map Report** 

Tonopah Convention Center 301 Brougher Avenue Tonopah, NV 89049

Inquiry Number: 3083318.2s

June 01, 2011

# The EDR Radius Map™ Report with GeoCheck®



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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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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**

301 BROUGHER AVENUE TONOPAH, NV 89049

#### **COORDINATES**

Latitude (North): 38.067900 - 38° 4' 4.4" Longitude (West): 117.232300 - 117° 13' 56.3"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 479623.0 UTM Y (Meters): 4213168.5

Elevation: 6043 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38117-A2 TONOPAH, NV

Most Recent Revision: 1982

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: No Photo Available

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

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-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 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

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

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

Local Lists of Hazardous waste / Contaminated Sites

..... 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

DOT OPS..... Incident and Accident Data

DOD...... Department of Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

Act)/TSCA (Toxic Substances Control Act)

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 

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

COAL ASH DOE..... Sleam-Electric Plan Operation Data FINANCIAL ASSURANCE.... Financial Assurance Information Listing PCB TRANSFORMER...... PCB Transformer Registration Database

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
MINEOP CORP JOHNSON MINE	459 MIZPAH CIR	E 1/4 - 1/2 (0.356 mi.)	21	26

#### State- and tribal - equivalent CERCLIS

SHWS: Corrective Action Case list (Active, Non-ust Hazardous Waste and Regulated Substance. Correction Actions)

A review of the SHWS list, as provided by EDR, and dated 01/06/2011 has revealed that there are 7 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TIPPIN GAS Date Closed: 09/03/1997	565 NORTH MAIN STREET.	ESE 0 - 1/8 (0.122 mi.)	B5	10
TONOPAH SHELL Date Closed: 12/31/1991 Date Closed: 11/14/2000	459 ERIE MAIN	SE 1/4 - 1/2 (0.301 mi.)	20	25
Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN ENERGETIX Date Closed: 01/05/1996	369 NORTH MAIN STREET	NE 0 - 1/8 (0.077 mi.)	A2	8
JOES UNOCAL 76 STATION Date Closed: 10/10/1996	250 MAIN STREET	NNE 1/8 - 1/4 (0.138 mi.)	C6	10
US POSTAL SERVICE Date Closed: 08/14/1997	201 MAIN ST	N 1/8 - 1/4 (0.157 mi.)	C11	14
E-Z SERVE #113 Date Closed: 11/04/1997	U.S. HIGHWAY 95	N 1/8 - 1/4 (0.200 mi.)	D14	20
DATS TRUCKING	U.S. HIGHWAY 6	N 1/8 - 1/4 (0.200 mi.)	D16	21

#### State and tribal registered storage tank lists

UST: Registered Underground Storage Tank Facilities.

A review of the UST list, as provided by EDR, and dated 01/07/2011 has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address Direction / Distance		Map ID	Page	
SIERRA PACIFIC POWER CO-TONOPA	985 ERIE MAIN	ESE 1/8 - 1/4 (0.139 mi.)	B8	12	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
ROBERTSONS SERVICE #80	369 N MAIN ST	NE 0 - 1/8 (0.078 mi.)	А3	8	
JOES UNION 76	250 MAIN ST	NNE 1/8 - 1/4 (0.138 mi.)	C7	10	
SUPER 7 FOOD STORE	212 MAIN ST	N 1/8 - 1/4 (0.151 mi.)	C9	12	
US POSTAL SERVICE	201 MAIN ST	N 1/8 - 1/4 (0.157 mi.)	C11	14	
E-Z SERVE #113	US-95	N 1/8 - 1/4 (0.200 mi.)	D15	20	
TONOPAH CO PARCEL 055	US-95	N 1/8 - 1/4 (0.200 mi.)	D17	21	
NDOT-BLUE JAY	US-6	N 1/8 - 1/4 (0.200 mi.)	D18	22	

#### State and tribal Brownfields sites

BROWNFIELDS: Brownfields sites included in the Project Tracking Database. The term 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.

A review of the BROWNFIELDS list, as provided by EDR, and dated 01/06/2011 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER SILVER STRIKE MOTEL	201 NORTH MAIN STREET	N 1/8 - 1/4 (0.157 mi.)	C10	14

#### ADDITIONAL ENVIRONMENTAL RECORDS

## Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properites addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/29/2010 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
SILVER STRIKE MOTEL (AKA THE P	201 NORTH MAIN STREET	N 1/8 - 1/4 (0.157 mi.)	C12	15	

#### Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in Nevada.

A review of the SWRCY list, as provided by EDR, and dated 10/01/2010 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORD-MERCURY	325 MAIN STREET	NNE 0 - 1/8 (0.102 mi.)	4	9

#### Other Ascertainable Records

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/11/2011 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
ALLTEL NEVADA INC	185 ST PATRICK ST	ENE 0 - 1/8 (0.040 mi.)	1	7	
HIGH DESERT DRY CLEANING INC	170 MAIN ST	N 1/8 - 1/4 (0.169 mi.)	13	18	
USDOE CENTRAL NEVADA TEST AREA	US ROUTE 6	N 1/8 - 1/4 (0.200 mi.)	D19	23	

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

A review of the FUDS list, as provided by EDR, and dated 12/31/2009 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation Address		Direction / Distance	Map ID	Page
TONAPAH AIR FORCE STATION		SE 1/2 - 1 (0.905 mi.)	23	27

#### **EDR PROPRIETARY RECORDS**

### **EDR Proprietary Records**

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1

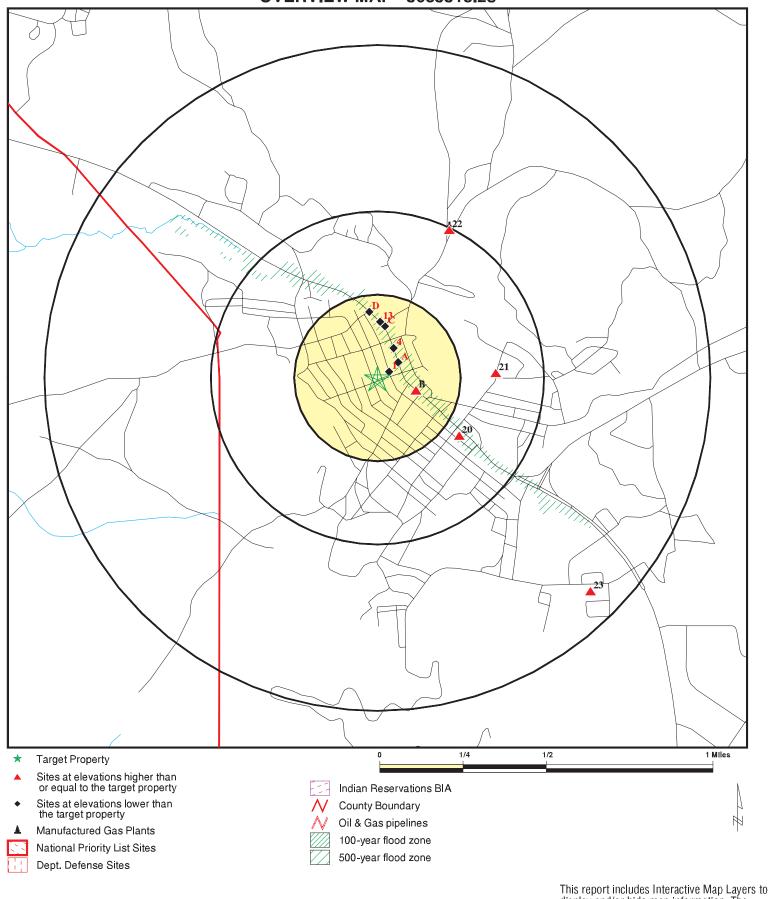
Manufactured Gas Plants site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEVADA GAS WORKS	MOUNTAIN LOOK RD	NNE 1/4 - 1/2 (0.494 mi.)	22	27

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

Site Name	Database(s)
LOBO, INC. ACCIDENT	HWS
SONNENBURG MOBILE SOURCE	HWS
NEVADA DEPARTMENT OF TRANSPORTATIO	HWS
GORDON TRUCKING MOBILE SOURCE	HWS
DIAMOND TANK LINES & TRANSPORTATIO	HWS
NEVADA DEPARTMENT OF TRANSPORTATIO	HWS
RYDER DEDICATED LOGISTICS	HWS
TONOPAH TEST RANGE	PADS,RCRA-NLR,CERCLIS-NFRAP,FINDS
NYE COUNTY RD DEPT	RCRA-SQG,FINDS
FORELAND REFINING CORP EAGLE SPRIN	RCRA-SQG
ANDERSON & SONS TRUCKING CO	FINDS,RCRA-NLR
HILLS MARGARET INC TONOPAH WEST	FINDS,RCRA-NLR
FORELAND REFINING - TONOPAH REFINE	RCRA-CESQG
UNITED PARCEL SVC TONOPAH	FINDS,RCRA-CESQG
EQUATORIAL TONOPAH INC	RCRA-CESQG
TONOPAH SAND & GRAVEL	FINDS
FORELAND REFINING TONOPAH REFINERY	FINDS
TONOPAH AIRPORT	FINDS
TONOPAH REFINERY	TSCA
PETRO SOURCE - TONOPAH REFINERY	TSCA

# **OVERVIEW MAP - 3083318.2s**



SITE NAME: Tonopah Convention Center

301 Brougher Avenue Tonopah NV 89049 ADDRESS:

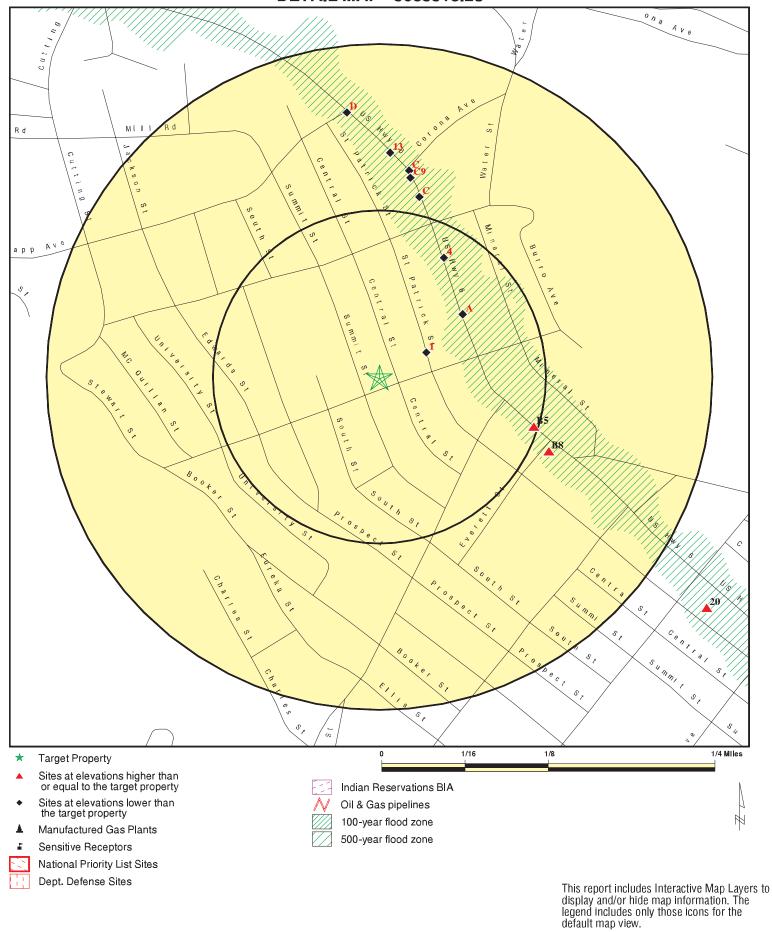
LAT/LONG: 38 0679 / 117 2323 CLIENT: CONTACT: McGinley Associates Brett Bottenberg INQUIRY#: 3083318.2s

DATE:

June 01, 2011 12:32 pm Copyright © 2011 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

display and/or hide map information. The legend includes only those icons for the default map view.

# **DETAIL MAP - 3083318.2s**



SITE NAME:

ADDRESS:

LAT/LONG:

Tonopah Convention Center

301 Brougher Avenue Tonopah NV 89049

38 0679 / 117 2323

CLIENT: CONTACT: INQUIRY#: 3083318.2s June 01, 2011 12:33 pm DATE:

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McGinley Associates

Brett Bottenberg

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENT	AL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL site	e list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP		0.500	0	0	1	NR	NR	1
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent CERCLIS	3						
SHWS		1.000	2	4	1	0	NR	7
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking s	storage tank l	ists						
LUST INDIAN LUST		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	ed storage tan	k lists						
UST		0.250	1	7	NR	NR	NR	8

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal voluntar	ry cleanup site	es						
VCP INDIAN VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfi	elds sites							
BROWNFIELDS		0.500	0	1	0	NR	NR	1
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS		0.500	0	1	0	NR	NR	1
Local Lists of Landfill / Waste Disposal Sites	Solid							
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI SWRCY		0.500 0.500	0 1	0 0	0 0	NR NR	NR NR	0 1
INDIAN ODI		0.500	Ö	0	0	NR	NR	Ö
Local Lists of Hazardou Contaminated Sites	s waste/							
US CDL US HIST CDL		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS 2 LUCIS		TP 0.500	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency	Release Repo	rts						
HMIRS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Rec	cords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS		0.250 TP 1.000 1.000 1.000 0.500 0.250 TP TP TP TP TP	1 NR 0 0 0 0 0 NR NR NR NR NR	2 NR 0 0 0 0 NR NR NR NR NR	NR NR 0 0 0 NR NR NR NR NR NR NR	NR NR 0 1 0 NR	NR NR NR NR NR NR NR NR NR NR NR	3 0 0 1 0 0 0 0 0 0

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 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
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECOR	<u>DS</u>							
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	1	0	NR	1

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) EPA ID Number

 1
 ALLTEL NEVADA INC
 RCRA-NonGen
 1000871099

 ENE
 185 ST PATRICK ST
 FINDS
 NVD986776318

< 1/8 TONOPAH, NV 89049

0.040 mi. 209 ft.

Actual:

6036 ft.

Relative: RCRA-NonGen:

Lower Date form received by agency: 10/07/1996

Facility name: ALLTEL NEVADA INC Facility address: 185 ST PATRICK ST

TONOPAH, NV 89049

EPA ID: NVD986776318
Contact: Not reported
Contact address: Not reported

Not reported

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09

Land type: Private
Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ALLTEL SERVICE CORP

Owner/operator address: P O BOX 8192

WALNUT CREEK, CA 94596

Owner/operator country: Not reported
Owner/operator telephone: (510) 295-9500
Legal status: Private
Owner/Operator Type: Owner

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Nο Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 04/27/1993

Facility name: ALLTEL NEVADA INC
Classification: Large Quantity Generator

Violation Status: No violations found

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **ALLTEL NEVADA INC (Continued)**

1000871099

SHWS S103875712

N/A

**Evaluation Action Summary:** 

Evaluation date: 09/27/1996

COMPLIANCE ASSISTANCE VISIT Evaluation:

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

FINDS:

Registry ID: 110004301461

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

ΝE **369 NORTH MAIN STREET** < 1/8 TONOPAH, NV

**WESTERN ENERGETIX** 

0.077 mi.

**A2** 

406 ft. Site 1 of 2 in cluster A

SHWS: Relative:

Facility ID: 7-000065 Lower

Date Release Reported to NDEP:

Actual: Program:

6027 ft. NDEP Case Officer: inajima

> NDEP: Carson City Location of Paper File:

Type of Media Impacted:

Event: Not reported 01/05/1996 Date of Closure:

Regulatory Type of Closure: Contaminant:

А3 **ROBERTSONS SERVICE #80** UST U003379438 ΝE 369 N MAIN ST N/A

< 1/8 TONOPAH, NV 89049

0.078 mi.

Site 2 of 2 in cluster A 411 ft.

UST: Relative:

Lower Facility ID: 7-000065

Owner: Actual:

Assoc Facility Name: Robertsons Service #80 6026 ft. Owner: Steve Johnson / Art Hinckley

Owner Address: 4260 Meadowgate Trl Reno, NV 89519-7927 Owner City, St, Zip:

Federally Regulated Tank: TRUE Tank ID:

TEMPORARILY OUT OF USE Tank Status:

Tank Capacity: 10000

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ROBERTSONS SERVICE #80 (Continued)** 

Tank Substance: GASOLINE

CATHODICALLY PROTECTED STEEL Tank Material:

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 5/8/1967

Federally Regulated Tank: **TRUE** Tank ID: 2

Tank Status: TEMPORARILY OUT OF USE

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

Tank Material: CATHODICALLY PROTECTED STEEL

Tank:

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 5/8/1967

Federally Regulated Tank: **TRUE** 

Tank ID: 3

Tank Status: TEMPORARILY OUT OF USE

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

Tank Material: CATHODICALLY PROTECTED STEEL

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 5/8/1967

Not reported

FORD-MERCURY

NNE **325 MAIN STREET** < 1/8 TONOPAH, NV

0.102 mi. 537 ft.

NV SWRCY: Relative: Lower

Facility Type: OIL & TRANSMISSION FLUID

(775) 482-6943 Phone: Actual: Not reported Provide Pick-up: 6022 ft. Not reported Aluminum: Batteries/Household: Not reported Cardboard: Not reported

Paper Shredding:

Carpet Padding: Not reported Not reported Cell Phones: Not reported Computers: Computer Disks: Not reported Cooking Oil/Grease: Not reported Flourescent Lamps: Not reported Food/Yard Waste: Not reported Glass Containers: Not reported Laser/Ink Jet Cartridges: Not reported Not reported Magazines: Mattresses: Not reported Newspaper: Not reported Paint: Not reported Pallets: Not reported Paper-Mixed: Not reported SWRCY

S106553931

N/A

U003379438

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

FORD-MERCURY (Continued) S106553931

Plastic: Not reported Scrap Metal: Not reported Shink Wrap: Not reported Telephone Books: Not reported Wood: Not reported DROP OFF ONLY Comments: Additional Notes: Not reported

SHWS S103876815 **B5 TIPPIN GAS** 

**ESE 565 NORTH MAIN STREET.** N/A

TONOPAH, NV < 1/8

0.122 mi.

642 ft. Site 1 of 2 in cluster B

SHWS: Relative:

Facility ID: G-001236 Equal Date Release Reported to NDEP: 09/02/1997

Actual: Program:

6043 ft. NDEP Case Officer: jnajima

Location of Paper File:

NDEP: Carson City

Type of Media Impacted: Soil

Event: Not reported 09/03/1997 Date of Closure: Regulatory Type of Closure: Clean w/ Remed

Contaminant: Motor Oil

C6 SHWS S103875734 **JOES UNOCAL 76 STATION** N/A

NNE **250 MAIN STREET** 1/8-1/4 TONOPAH, NV 89049

0.138 mi.

731 ft. Site 1 of 6 in cluster C

SHWS: Relative:

Facility ID: 7-000152 Lower

Date Release Reported to NDEP:

Actual: Program:

6016 ft. NDEP Case Officer: bbenoy

> Location of Paper File: NDEP: Carson City Type of Media Impacted: No Impact/Clean Close

Event: Not reported 10/10/1996 Date of Closure: Regulatory Type of Closure: Clean Close

Contaminant:

**C7 JOES UNION 76** UST U003379522 N/A

NNE **250 MAIN ST** 1/8-1/4 TONOPAH, NV 89049

0.138 mi.

731 ft. Site 2 of 6 in cluster C

UST: Relative:

Facility ID: 7-000152 Lower Federally Regulated Tank: **TRUE** 

Actual: Tank ID:

6016 ft. Tank Status: PERMANENTLY OUT OF USE **EDR ID Number** 

Direction Distance

Elevation Site Database(s) EPA ID Number

#### **JOES UNION 76 (Continued)**

U003379522

**EDR ID Number** 

Tank Capacity: 4000
Tank Substance: GASOLINE
Tank Material: NOT LISTED
Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: 1/1/1970

Federally Regulated Tank: TRUE Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 4000
Tank Substance: GASOLINE
Tank Material: NOT LISTED
Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: 1/1/1970

Federally Regulated Tank: TRUE

Tank ID: 3

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 6000
Tank Substance: GASOLINE
Tank Material: NOT LISTED
Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: 1/1/1970

Federally Regulated Tank: TRUE Tank ID: 4

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 6000
Tank Substance: GASOLINE
Tank Material: NOT LISTED
Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: 1/1/1970

Federally Regulated Tank: TRUE Tank ID: 5

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 400
Tank Substance: USED OIL
Tank Material: NOT LISTED
Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: 1/1/1970

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**B8** SIERRA PACIFIC POWER CO-TONOPAH FACILITY-CLOSED UST U003379429 N/A

**ESE** 985 ERIE MAIN 1/8-1/4 TONOPAH, NV 89049

0.139 mi.

732 ft. Site 2 of 2 in cluster B

UST: Relative:

Facility ID: 7-000054 Higher Federally Regulated Tank: **TRUE** 

Actual: Tank ID:

6048 ft. Tank Status: PERMANENTLY OUT OF USE

> Tank Capacity: 10000 **GASOLINE** Tank Substance:

ASPHALT COATED OR BARE STEEL Tank Material:

NONE Tank:

Pipe Material: **GALVANIZED STEEL** 

Pipe: NONE Install Date: 5/5/1974

UST U003379381 C9 **SUPER 7 FOOD STORE** N/A

North 212 MAIN ST

TONOPAH, NV 89049 1/8-1/4

0.151 mi.

799 ft. Site 3 of 6 in cluster C

UST: Relative: Facility ID: Lower

Owner: Actual:

Assoc Facility Name: Super 7 Food Store 6013 ft. Joginder Singh Owner: Owner Address: P.O. Box 1784

Owner City, St, Zip: Tonopah, NV

Federally Regulated Tank: **FALSE** Tank ID:

Tank Status: **CURRENTLY IN USE** 

Tank Capacity: 1500 Tank Substance: **HEATING OIL** 

ASPHALT COATED OR BARE STEEL Tank Material:

7-000001

Tank: NONE Pipe Material: BARE STEEL Pipe: NONE Install Date: 4/30/1963

Federally Regulated Tank: **TRUE** Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 8000 Tank Substance: **GASOLINE** 

Tank Material: CATHODICALLY PROTECTED STEEL

NONE Tank: Pipe Material: BARE STEEL

CATHODICALLY PROTECTED Pipe:

Install Date: 4/29/1985

Federally Regulated Tank: **TRUE** Tank ID:

PERMANENTLY OUT OF USE Tank Status:

Tank Capacity: 5000

Direction Distance

Elevation Site Database(s) EPA ID Number

#### SUPER 7 FOOD STORE (Continued)

U003379381

**EDR ID Number** 

Tank Substance: GASOLINE

Tank Material: CATHODICALLY PROTECTED STEEL

Tank: NONE
Pipe Material: BARE STEEL

Pipe: CATHODICALLY PROTECTED

Install Date: 4/29/1978

Federally Regulated Tank: TRUE Tank ID: 4

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 10000
Tank Substance: GASOLINE

Tank Material: CATHODICALLY PROTECTED STEEL

Tank: NONE
Pipe Material: BARE STEEL

Pipe: CATHODICALLY PROTECTED

Install Date: 4/29/1985

Federally Regulated Tank: TRUE

Tank ID: 5

Tank Status: CURRENTLY IN USE

Tank Capacity: 12000
Tank Substance: GASOLINE

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: DOUBLE-WALLED
Pipe Material: FLEXIBLE PLASTIC
Pipe: DOUBLE-WALLED

Install Date: 5/26/2006

Federally Regulated Tank: TRUE Tank ID: 6

Tank Status: CURRENTLY IN USE

Tank Capacity: 12000
Tank Substance: GASOLINE

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: DOUBLE-WALLED
Pipe Material: FLEXIBLE PLASTIC
Pipe: DOUBLE-WALLED

Install Date: 5/26/2006

Federally Regulated Tank: TRUE Tank ID: 7

Tank Status: CURRENTLY IN USE

Tank Capacity: 6000
Tank Substance: DIESEL

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: DOUBLE-WALLED
Pipe Material: FLEXIBLE PLASTIC
Pipe: DOUBLE-WALLED

Install Date: 5/26/2006

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

C10 FORMER SILVER STRIKE MOTEL **BROWNFIELDS** S106870830 North

**201 NORTH MAIN STREET** N/A

1/8-1/4 TONOPAH, NV 89049

0.157 mi.

826 ft. Site 4 of 6 in cluster C

**BROWNFIELDS:** Relative:

G-000023 Lower Site Id: Officer: ssmale

Media: Actual:

6012 ft. Event: Not reported

> Report Date: 10/26/2004 07/19/2005 Closure Date: Clean w/ Remed Closure Type: Brownfields Program: File Loc: NDEP: Carson City

Contaminant: Other; Brownfields project involving the abatement of asbestos

containing material from an abandoned hotel and removal of petroleum

impacted soil.

U003379454 C11 **US POSTAL SERVICE** SHWS North **201 MAIN ST** UST N/A

1/8-1/4 TONOPAH, NV 89049

0.157 mi.

826 ft. Site 5 of 6 in cluster C

SHWS: Relative:

Facility ID: 7-000083 Lower

Date Release Reported to NDEP: 06/17/1997

Actual: Program:

6012 ft. NDEP Case Officer: jcarr

Location of Paper File: NDEP: Carson City

Type of Media Impacted: Soil

Event: Not reported Date of Closure: 08/14/1997 Regulatory Type of Closure: NAC 459 A-K

Contaminant:

UST:

7-000083 Facility ID: TRUE Federally Regulated Tank: Tank ID:

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 5000 Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

**GALVANIZED STEEL** Pipe Material:

NONE Pipe: Install Date: 3/6/1983

Direction Distance

Elevation Site Database(s) EPA ID Number

C12 SILVER STRIKE MOTEL (AKA THE PINK MOTEL) US BROWNFIELDS 1009569560

North 201 NORTH MAIN STREET N/A

North 201 NORTH MAIN STREET 1/8-1/4 TONOPAH, NV 89049

0.157 mi.

826 ft. Site 6 of 6 in cluster C

Relative: Lower

Actual:

6012 ft.

US BROWNFIELDS:

Recipient name: Nevada Dept. of Conservation and Natural Resources

Grant type: Section 128(a) State/Tribal Grant
Property name: Silver Strike Motel (aka the Pink Motel)

Property #: 08-064-01 and 08-063-03

Parcel size: 1.54
Latitude: 38.069587
Longitude: -117.231671
HCM label: Not reported
Map scale: Not reported

Point of reference: Not reported

Datum: World Geodetic System of 1984

 ACRES property ID:
 12037

 Start date:
 06/30/2005

 Completed date:
 06/30/2005

 Acres cleaned up:
 1.54

 Cleanup funding:
 \$88,459.87

Cleanup funding source: US EPA - State & Tribal Section 128(a) Funding

Assessment funding:
Assessment funding source:
Redevelopment funding:
Redev. funding source:
Redev. funding source:
Redev. funding entity name:
Redevelopment start date:

Not reported
Not reported
Not reported
Not reported

Assessment funding entity:

Cleanup funding entity:

Not reported

Not reported

Grant type: N/A

Accomplishment type: Not reported
Ownership entity: Government
Current owner: Nye County

Did owner change: No Cleanup required: Yes

Video available: Not reported Photo available: Not reported

Institutional controls required: No

IC Category proprietary controls: Not reported IC cat. info. devices: Not reported IC cat. gov. controls: Not reported IC cat. enforcement permit tools: Not reported IC in place date: N/A
IC in place: Unknown

Enrolled in state/tribal program: No State/tribal program date: N/A

State/tribal program ID: Not reported

State/tribal NFA date: N/A
Air contaminated: Yes
Air cleaned: Yes
Asbestos found: Yes
Asbestos cleaned: Yes

Controled substance found:

Controled substance cleaned:

Drinking water affected:

Drinking water cleaned:

Not reported

Not reported

Not reported

Not reported

**EDR ID Number** 

Direction Distance Elevation

tion Site Database(s) EPA ID Number

#### SILVER STRIKE MOTEL (AKA THE PINK MOTEL) (Continued)

1009569560

**EDR ID Number** 

Groundwater affected: Not reported Not reported Groundwater cleaned: Not reported Lead contaminant found: Not reported Lead cleaned up: No media affected: Not reported Not reported Unknown media affected: Not reported Other cleaned up: Other metals found: Not reported Not reported Other metals cleaned: Other contaminants found: Not reported Other contams found description: Not reported Not reported PAHs found: PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported Petro products found: Yes

Petro products cleaned: Yes
Sediments found: Not reported
Sediments cleaned: Not reported

Soil affected: Yes Soil cleaned up: Yes

Surface water cleaned: Not reported Not reported Unknown found: VOCs found: Not reported VOCs cleaned: Not reported Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported Past use greenspace acreage: Not reported Past use residential acreage: Not reported Past use commercial acreage: Not reported Past use industrial acreage: Not reported Future use greenspace acreage: Not reported Future use residential acreage: Not reported Future use commercial acreage: Not reported Future use industrial acreage: Not reported Not reported Greenspace acreage and type: Superfund Fed. landowner flag: Not reported

Recipient name: Nye County
Grant type: Assessment Pilot

Property name: Silver Strike Motel (aka the Pink Motel)

Property #: 08-064-01 and 08-063-03

Parcel size: 1.54
Latitude: 38.069587
Longitude: -117.231671
HCM label: Not reported
Map scale: Not reported
Point of reference: Not reported

Datum: World Geodetic System of 1984

ACRES property ID: 12037
Start date: N/A
Completed date: N/A

Acres cleaned up:

Cleanup funding:

Cleanup funding source:

Assessment funding:

Not reported

Direction Distance Elevation

tion Site Database(s) EPA ID Number

#### SILVER STRIKE MOTEL (AKA THE PINK MOTEL) (Continued)

1009569560

**EDR ID Number** 

Redevelopment funding: Not reported Redev. funding source: Not reported Redev. funding entity name: Not reported

Redevelopment start date: N/A

Assessment funding entity: Not reported Cleanup funding entity: Not reported

Grant type: N/A

Accomplishment type: Not reported Ownership entity: Government Current owner: Nye County

Did owner change: No Cleanup required: Yes

Video available: Not reported Photo available: Not reported

Institutional controls required: No

IC Category proprietary controls: Not reported IC cat. info. devices: Not reported IC cat. gov. controls: Not reported IC cat. enforcement permit tools: Not reported IC in place date: N/A

IC in place: Unknown
Enrolled in state/tribal program: No
State/tribal program date: N/A

State/tribal program ID: Not reported

State/tribal NFA date: N/A
Air contaminated: Yes
Air cleaned: Yes
Asbestos found: Yes
Asbestos cleaned: Yes

Not reported Controled substance found: Controled substance cleaned: Not reported Drinking water affected: Not reported Drinking water cleaned: Not reported Groundwater affected: Not reported Not reported Groundwater cleaned: Not reported Lead contaminant found: Not reported Lead cleaned up: No media affected: Not reported Unknown media affected: Not reported Other cleaned up: Not reported Other metals found: Not reported Not reported Other metals cleaned: Other contaminants found: Not reported Other contams found description: Not reported PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported Petro products found: Yes Petro products cleaned: Yes

Sediments found:
Sediments cleaned:
Not reported
Not reported

Soil affected: Yes Soil cleaned up: Yes

Surface water cleaned: Not reported Unknown found: Not reported VOCs found: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### SILVER STRIKE MOTEL (AKA THE PINK MOTEL) (Continued)

1009569560

1000238027

NVD982487217

**RCRA-NonGen** 

**FINDS** 

VOCs cleaned: Not reported Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported Past use greenspace acreage: Not reported Past use residential acreage: Not reported Past use commercial acreage: Not reported Past use industrial acreage: Not reported Future use greenspace acreage: Not reported Future use residential acreage: Not reported Future use commercial acreage: Not reported Not reported Future use industrial acreage: Not reported Greenspace acreage and type: Superfund Fed. landowner flag: Not reported

Property Description: motel until 1990

HIGH DESERT DRY CLEANING INC 13

North 170 MAIN ST

TONOPAH, NV 89049 1/8-1/4

0.169 mi. 890 ft.

RCRA-NonGen: Relative:

Date form received by agency: 04/27/1998 Lower

HIGH DESERT DRY CLEANING INC Facility name: Actual:

Facility address: 170 MAIN ST 6006 ft. TONOPAH, NV 89049

EPA ID: NVD982487217

Mailing address: P O BOX 1614

TONOPAH, NV 89049

Not reported Contact: Contact address: Not reported Not reported Contact country: Not reported

Contact telephone: Not reported Contact email: Not reported

EPA Region:

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

STINE STINE GARDEA & DIMARTINI Owner/operator name:

Owner/operator address: **NOT REQUIRED** 

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: (415) 555-1212 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED Owner/operator address: **NOT REQUIRED** 

NOT REQUIRED. ME 99999

Owner/operator country: Not reported Owner/operator telephone: (415) 555-1212

Legal status: Private

MAP FINDINGS Map ID Direction

Elevation

Distance

Site Database(s) **EPA ID Number** 

#### HIGH DESERT DRY CLEANING INC (Continued)

1000238027

**EDR ID Number** 

Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

#### Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

#### Historical Generators:

Date form received by agency: 05/04/1990

HIGH DESERT DRY CLEANING INC Facility name:

Classification: Not a generator, verified

Violation Status: No violations found

### **Evaluation Action Summary:**

Evaluation date: 04/27/1998

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

### FINDS:

Registry ID: 110004295717

### Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

D14 **E-Z SERVE #113** SHWS S103877577

N/A

**EDR ID Number** 

North **U.S. HIGHWAY 95** 1/8-1/4 TONOPAH, NV 89049

0.200 mi.

1057 ft. Site 1 of 6 in cluster D

SHWS: Relative:

7-000116 Lower Facility ID:

02/25/1994 Date Release Reported to NDEP:

Actual: Program: 6000 ft.

NDEP Case Officer: icarr

Location of Paper File: NDEP: Carson City

Type of Media Impacted: Soil

Event: Not reported Date of Closure: 11/04/1997 Regulatory Type of Closure: NAC 459 A-K

Contaminant:

D15 **E-Z SERVE #113** UST U004161374 North **US-95** N/A

1/8-1/4 TONOPAH, NV 89049

0.200 mi.

1057 ft. Site 2 of 6 in cluster D

UST: Relative:

Facility ID: 7-000116 Lower

Federally Regulated Tank: **TRUE** 

Actual: Tank ID: 6000 ft.

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

Pipe Material: **GALVANIZED STEEL** 

Pipe: NONE Install Date: 5/6/1971

Federally Regulated Tank: **TRUE** Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 10000 Tank Substance: GASOLINE

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

**GALVANIZED STEEL** Pipe Material:

Pipe: NONE Install Date: 5/6/1971

Federally Regulated Tank: **TRUE** Tank ID: 3

PERMANENTLY OUT OF USE Tank Status:

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

ASPHALT COATED OR BARE STEEL Tank Material:

NONE Tank:

Pipe Material: **GALVANIZED STEEL** 

Pipe: NONE Install Date: 5/6/1971

Federally Regulated Tank: **TRUE** 

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

E-Z SERVE #113 (Continued) U004161374

Tank ID: 4

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 280
Tank Substance: USED OIL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

Pipe Material: GALVANIZED STEEL

Pipe: NONE Install Date: 5/6/1971

D16 DATS TRUCKING SHWS S110169726
North U.S. HIGHWAY 6 N/A

North U.S. HIGHWAY 6 1/8-1/4 TONOPAH, NV

0.200 mi.

1057 ft. Site 3 of 6 in cluster D

Relative: SHWS:

Lower Facility ID: G-000046

Date Release Reported to NDEP: \_

Actual: Program:
6000 ft. NDEP Case Officer:

Event:

Date of Closure: Not reported
Regulatory Type of Closure: Not reported

Contaminant:

D17 TONOPAH CO PARCEL 055 UST U004161369
North US-95 N/A

North US-95 1/8-1/4 TONOPAH, NV 89049

0.200 mi.

1057 ft. Site 4 of 6 in cluster D

Relative: UST:

**Lower** Facility ID: 7-000110

Federally Regulated Tank: TRUE

 Actual:
 Tank ID:
 1

 6000 ft.
 Tank Status:
 PE

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1100
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: FALSE Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 500

Tank Substance: OTHER (PETROLEUM PRODUCTS)
Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: NOT LISTED
Pipe: NONE

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

**TONOPAH CO PARCEL 055 (Continued)** 

Install Date: 1/1/1990

D18 NDOT-BLUE JAY UST U004161339

North US-6

1/8-1/4 TONOPAH, NV 89049

0.200 mi.

1057 ft. Site 5 of 6 in cluster D

Owner:

Relative: UST:

Lower Facility ID: 7-000074

Actual: 6000 ft.

Assoc Facility Name: NDOT-Blue Jay

Owner: Nevada Dept of Transportation

Owner Address: Architectural Division Rm 106; 1263 S Stewart St.

Owner City, St, Zip: Carson City, NV 89712-0001

Federally Regulated Tank: TRUE

Tank ID: 1

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1000

Tank Substance: GASOLINE

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: 4/26/1963

Federally Regulated Tank: TRUE

Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1000
Tank Substance: GASOLINE

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: UNKNOWN
Pipe: NONE
Install Date: 4/26/1963

Federally Regulated Tank: TRUE Tank ID: 3

Tank Status: CURRENTLY IN USE

Tank Capacity: 2000
Tank Substance: GASOLINE

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: DOUBLE-WALLED

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 10/1/1990

Federally Regulated Tank: TRUE

Tank ID: 4

Tank Status: CURRENTLY IN USE

Tank Capacity: 10000 Tank Substance: DIESEL

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: DOUBLE-WALLED

Pipe Material: FIBERGLASS REINFORCED PLASTIC

U004161369

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**NDOT-BLUE JAY (Continued)** U004161339

Pipe: NONE 2/15/1995 Install Date:

Federally Regulated Tank: TRUE

Tank ID:

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 10000 Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE 4/26/1983 Install Date:

D19 **USDOE CENTRAL NEVADA TEST AREA** RCRA-NonGen 1001119201 NVR000002428

**US ROUTE 6** North

1/8-1/4 TONOPAH, NV 89049

0.200 mi.

1057 ft. Site 6 of 6 in cluster D

RCRA-NonGen: Relative:

Date form received by agency: 08/21/2006 Lower

USDOE CENTRAL NEVADA TEST AREA Facility name:

Actual: Facility address: **US ROUTE 6** 6000 ft.

SEE MAP

TONOPAH, NV 89049 EPA ID: NVR000002428

Mailing address: PO BOX 98518

LAS VEGAS, NV 89193-8518

MICHAEL O GIBLIN Contact: Contact address: PO BOX 98518

LAS VEGAS, NV 89193-8518

Contact country: US

Contact telephone: 702-295-2011 Contact email: Not reported EPA Region: 09

Land type: Federal Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: US DOE/NV Owner/operator address: PO BOX 98518

LAS VEGAS, NV 89193

Owner/operator country: Not reported Owner/operator telephone: (702) 295-0844 Legal status: Federal

Owner/Operator Type: Owner Owner/Op start date: 01/01/0001 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No **EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **USDOE CENTRAL NEVADA TEST AREA (Continued)**

1001119201

Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 12/06/2004

Facility name: USDOE CENTRAL NEVADA TEST AREA

Classification: Small Quantity Generator

Date form received by agency: 09/23/1998

Facility name: USDOE CENTRAL NEVADA TEST AREA

Site name: CENTRAL NEVADA TEST AREA

Classification: Large Quantity Generator

Date form received by agency: 07/18/1996

Facility name: USDOE CENTRAL NEVADA TEST AREA

Classification: Large Quantity Generator

Violation Status: No violations found

**Evaluation Action Summary:** 

09/22/2005 Evaluation date:

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Not reported Area of violation: Date achieved compliance: Not reported Evaluation lead agency: State

09/05/2002 Evaluation date:

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: **EPA** 

05/24/2000 Evaluation date:

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: **EPA** 

Evaluation date: 07/21/1999

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Not reported Area of violation: Date achieved compliance: Not reported Evaluation lead agency: **EPA** 

Evaluation date: 05/08/1998

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **USDOE CENTRAL NEVADA TEST AREA (Continued)**

1001119201

Evaluation lead agency: **EPA** 

**TONOPAH SHELL** SHWS U003379395 20 SE **459 ERIE MAIN** UST N/A

1/4-1/2 TONOPAH, NV 89049

0.301 mi. 1587 ft.

SHWS: Relative:

Facility ID: 7-000015 Higher

Date Release Reported to NDEP: Actual: Program:

6078 ft.

NDEP Case Officer: ksulliva

Location of Paper File: NDEP: Carson City

Type of Media Impacted: Soil

Event: Not reported Date of Closure: 12/31/1991

Regulatory Type of Closure: Contaminant:

7-000015 Facility ID: Date Release Reported to NDEP: 10/10/2000

Program:

NDEP Case Officer: Ipeterso

Location of Paper File: NDEP: Carson City

Type of Media Impacted: Soil Event:

Not reported Date of Closure: 11/14/2000 Regulatory Type of Closure: NAC 459 A-K Contaminant: Gasoline

UST:

Facility ID: 7-000015

Owner:

Tonopah Shell Assoc Facility Name: Owner: Karamjit Singh Owner Address: PO Box 872

Tonopah, NV 89049-0872 Owner City, St, Zip:

Federally Regulated Tank: **TRUE** Tank ID:

Tank Status: **CURRENTLY IN USE** 

10000 Tank Capacity: Tank Substance: DIESEL

Tank Material: CATHODICALLY PROTECTED STEEL

Tank: LINED INTERIOR

Pipe Material: FIBERGLASS REINFORCED PLASTIC

DOUBLE-WALLED Pipe:

Install Date: 4/30/1965

Federally Regulated Tank: **TRUE** Tank ID: 2

Tank Status: **CURRENTLY IN USE** 

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

CATHODICALLY PROTECTED STEEL Tank Material:

LINED INTERIOR Tank:

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**TONOPAH SHELL (Continued)** U003379395

Pipe: DOUBLE-WALLED

4/30/1965 Install Date:

Federally Regulated Tank: TRUE Tank ID:

Tank Status: **CURRENTLY IN USE** 

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

Tank Material: CATHODICALLY PROTECTED STEEL

Tank: LINED INTERIOR

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: DOUBLE-WALLED

4/30/1965 Install Date:

Federally Regulated Tank: **TRUE** Tank ID:

Tank Status: **CURRENTLY IN USE** 

Tank Capacity: 10000 Tank Substance: **GASOLINE** 

CATHODICALLY PROTECTED STEEL Tank Material:

LINED INTERIOR Tank:

FIBERGLASS REINFORCED PLASTIC Pipe Material:

Pipe: DOUBLE-WALLED

Install Date: 4/30/1965

21 MINEOP CORP JOHNSON MINE **CERC-NFRAP** 1003879163 NVD081265696

**East 459 MIZPAH CIR** 1/4-1/2 TONOPAH, NV 89049

0.356 mi. 1878 ft.

CERC-NFRAP: Relative:

0902958 Higher Site ID:

Federal Facility: Not a Federal Facility Actual: Not on the NPL NPL Status:

6122 ft. Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**CERCLIS-NFRAP Site Contact Details:** 

Contact Sequence ID: 13119804.00000 Person ID: 13002167.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: JOHNSON MINE PO BOX 111 Alias Address:

TONOPAH, NV 89049

CERCLIS-NFRAP Assessment History:

DISCOVERY Action: Date Started: Not reported Date Completed: 06/01/1980 Priority Level: Not reported

Action: ARCHIVE SITE Date Started: Not reported 06/01/1987 Date Completed: Priority Level: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

MINEOP CORP JOHNSON MINE (Continued)

1003879163

**FUDS** 

1008196519

N/A

Action: PRELIMINARY ASSESSMENT

Date Started: 01/01/1986 Date Completed: 06/01/1987

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

22 **NEVADA GAS WORKS Manufactured Gas Plants** 1008408998 N/A

NNE **MOUNTAIN LOOK RD** 1/4-1/2 TONOPAH, NV 89049

0.494 mi.

2610 ft.

Manufactured Gas Plants: Relative:

Higher No additional information available

Actual: 6077 ft.

23 TONAPAH AIR FORCE STATION SE

1/2-1 TONOPAH, NV

0.905 mi. 4779 ft.

Relative:

FUDS:

Federal Facility ID: NV9799F6043 Higher FUDS #: J09NV1094

Actual: INST ID: 57785 6204 ft.

Tonapah Air Force Station Facility Name:

City: Tonopah State: NV EPA Region: 9 County: NYE Congressional District: 02

US Army District: Sacramento District (SPK)

Fiscal Year: 2009 Telephone: 916-557-7461 NPL Status: Not Listed RAB: Not reported

CTC: 30

COUNTY; FEDERAL; PRIVATE; STATE Current Owner:

**FUDS Description Details:** 

The 132.98-acre site has two locations (north and south) approximately

six miles apart. The north site is approximately five miles

north-northeast of Tonopah and the south site is approximately one

mile southeast of Tonopah, Nevada, in Nye County. Co

onstruction included operations, headquarters, seven maintenance buildings, communications facilities, a security building and electric distribution line, 45 family housing units, dormitories, and other

structures necessary for the operation of a rad

dar station.

**FUDS History Details:** 

Between 1955 and 1960 the U.S. acquired land for the Air Force to use as a ground-air transmitter/receiver station and a semi-automatic ground environment facility. The facility was part of Tonopah Air

Force Station, which was established as a radar

Map ID
Direction

MAP FINDINGS

Elevation Site

EDR ID Number Database(s) EPA ID Number

### **TONAPAH AIR FORCE STATION (Continued)**

1008196519

installation. The north site is now under Federal Aviation Administration (FAA) operation as an Air Traffic Control Facility and the south site's occupants include the Nye County School District, the Bureau of Land Management, the FAA, Tonopah Pre-Sc chool, the University of Nevada, and the Nye County Search and Research Association.

FUDS Current Program Details:

Distance

FUDS Future Program Details:

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TONOPAH	1000218780	ANDERSON & SONS TRUCKING CO	104 CUTTING	89049	FINDS,RCRA-NLR
TONOPAH	1000291972	HILLS MARGARET INC TONOPAH WEST	MILLERS CORNER BOX 404	89049	FINDS,RCRA-NLR
TONOPAH	1000340075	TONOPAH TEST RANGE	TONOPAH TEST RANGE NYE COUNTY	89049	PADS,RCRA-NLR,CERCLIS-NFRAP,F
TONOPAH	1000427549	EQUATORIAL TONOPAH INC	HWY 95 GABBS POLELINE RD EXIT	89049	RCRA-CESQG
TONOPAH	1000638538	NYE COUNTY RD DEPT	377 N JACKSON	89049	RCRA-SQG,FINDS
WARM SPRINGS	1000638707	FORELAND REFINING CORP EAGLE SPRIN	HWY 6, 65 MILES SW OF ELY	89049	RCRA-SQG
TONOPAH	1004565870	FORELAND REFINING - TONOPAH REFINE	105 AIRPORT ROAD	89049	RCRA-CESQG
TONOPAH	1004755103	UNITED PARCEL SVC TONOPAH	105 CUTTING ST	89049	FINDS,RCRA-CESQG
TONOPAH	1005931439	PETRO SOURCE - TONOPAH REFINERY	TONOPAH AIRPORT 1 MI OFF HWY 6	89049	TSCA
TONOPAH	1005932944	TONOPAH REFINERY	105 AIRPORT ROAD	89049	TSCA
TONOPAH	1005983456	FORELAND REFINING TONOPAH REFINERY	HIGHWAY 6 AT TONOPAHA AIRPORT	89049	FINDS
TONOPAH	1007057778	TONOPAH AIRPORT	U.S. ROUTE 6 HWY.	89049	FINDS
TONOPAH	1012231448	TONOPAH SAND & GRAVEL	HIGHWAY 6 AT TONOPAHA AIRPORT	89049	FINDS
TONOPAH	S103876785	RYDER DEDICATED LOGISTICS	700 U.S. HIGHWAY 95		HWS
TONOPAH	S106514355	DIAMOND TANK LINES & TRANSPORTATIO	TEST RANGE EXIT NEAR U.S. HIGH		HWS
TONOPAH	S108250124	GORDON TRUCKING MOBILE SOURCE	U.S. HIGHWAY 95 @ MILE MARKER		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
BLUE JAY	S110533605	NEVADA DEPARTMENT OF TRANSPORTATIO	U.S. HIGHWAY 6 @ MILE MARKER 7		HWS

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: 12/31/2010 Source: EPA
Date Data Arrived at EDR: 01/13/2011 Telephone: N/A

Number of Days to Update: 15 Next Scheduled EDR Contact: 07/25/2011
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 12/31/2010 Source: EPA
Date Data Arrived at EDR: 01/13/2011 Telephone: N/A

Number of Days to Update: 15 Next Scheduled EDR Contact: 07/25/2011
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.

Source: EPA

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Telephone: 202-564-4267 Last EDR Contact: 05/16/2011

Next Scheduled EDR Contact: 08/29/2011 Data Release Frequency: No Update Planned

#### 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: 12/31/2010 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 15

Source: EPA Telephone: N/A Last EDR Contact: 04/13/2011

Next Scheduled EDR Contact: 07/25/2011 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: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA Telephone: 703-412-9810

Last EDR Contact: 04/29/2011

Next Scheduled EDR Contact: 06/13/2011 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 EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/15/2011

Next Scheduled EDR Contact: 07/25/2011 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: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA Telephone: 703-412-9810

Last EDR Contact: 04/29/2011

Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Quarterly

#### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010 Date Data Arrived at EDR: 06/02/2010 Date Made Active in Reports: 10/04/2010

Number of Days to Update: 124

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/16/2011

Next Scheduled EDR Contact: 08/29/2011 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: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 27 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 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: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 27 Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 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: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 27 Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 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: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011

Telephone: (415) 495-8895 Last EDR Contact: 04/05/2011

Number of Days to Update: 27

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Varies

Source: Environmental Protection Agency

#### 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: 01/05/2011 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/14/2011

Next Scheduled EDR Contact: 06/27/2011 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: 01/05/2011 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/14/2011

Next Scheduled EDR Contact: 06/27/2011 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: 12/31/2010
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 03/21/2011

Number of Days to Update: 73

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Annually

#### State- and tribal - equivalent CERCLIS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 01/06/2011 Date Data Arrived at EDR: 03/30/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 36

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 03/30/2011

Next Scheduled EDR Contact: 07/11/2011 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: 06/08/2010 Date Data Arrived at EDR: 09/09/2010 Date Made Active in Reports: 10/29/2010

Number of Days to Update: 50

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 03/11/2011

Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Annually

#### State and tribal leaking storage tank lists

LUST: Sites Database

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

Date of Government Version: 01/06/2011 Date Data Arrived at EDR: 03/30/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 36

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 03/30/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Varies

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: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 48

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

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

Date of Government Version: 03/03/2011 Date Data Arrived at EDR: 03/18/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 45

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 45

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

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

Date of Government Version: 09/01/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 84

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/03/2011

Next Scheduled EDR Contact: 08/15/2011 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: 02/03/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 45

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

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

Date of Government Version: 11/04/2009 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 07/07/2010

Number of Days to Update: 64

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/04/2010

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/04/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 45

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 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: 01/07/2011 Date Data Arrived at EDR: 03/30/2011 Date Made Active in Reports: 05/09/2011

Number of Days to Update: 40

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 03/30/2011

Next Scheduled EDR Contact: 07/11/2011 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: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Varies

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: 11/01/2010
Date Data Arrived at EDR: 12/02/2010
Date Made Active in Reports: 01/28/2011

Number of Days to Update: 57

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 05/16/2011 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: 02/03/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 45

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

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: 03/03/2011 Date Data Arrived at EDR: 03/18/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 45

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Semi-Annually

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: 02/04/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 45

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 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: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 48

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

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: 09/01/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 84

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/03/2011

Next Scheduled EDR Contact: 08/15/2011 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: 01/01/2011 Date Data Arrived at EDR: 02/23/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 68

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 45

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/18/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Varies

#### State and tribal voluntary cleanup sites

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: 02/23/2011 Date Data Arrived at EDR: 03/30/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 36

Source: Department of Conservation & Natural Resources

Telephone: 775-687-9381 Last EDR Contact: 03/30/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/01/2010 Date Data Arrived at EDR: 01/05/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 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: 01/06/2011 Date Data Arrived at EDR: 03/30/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 36

Source: Division of Environmental Protection

Telephone: 775-687-9384 Last EDR Contact: 03/30/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Varies

#### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 12/29/2010 Date Data Arrived at EDR: 12/30/2010 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/29/2011

Next Scheduled EDR Contact: 07/11/2011 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: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: No Update Planned

SWRCY: Recycling Information Listing
A listing of recycling facilities in Nevada.

Date of Government Version: 10/01/2010
Date Data Arrived at EDR: 11/30/2010
Date Made Active in Reports: 02/02/2011

Number of Days to Update: 64

Source: Department of Environmental Protection

Telephone: 775-687-9463 Last EDR Contact: 05/24/2011

Next Scheduled EDR Contact: 09/05/2011 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: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011 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: 02/02/2011 Date Data Arrived at EDR: 03/17/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 46

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/08/2011

Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Quarterly

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

#### Local Land Records

#### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 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 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/23/2011

Next Scheduled EDR Contact: 09/05/2011 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: 12/31/2010 Date Data Arrived at EDR: 01/05/2011 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 51

Source: U.S. Department of Transportation Telephone: 202-366-4555

Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 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: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/12/2011 Date Data Arrived at EDR: 02/11/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/11/2011

Next Scheduled EDR Contact: 08/22/2011 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: 04/21/2011

Next Scheduled EDR Contact: 08/01/2011 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: 03/15/2011

Next Scheduled EDR Contact: 06/27/2011 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: 10/01/2010 Date Data Arrived at EDR: 10/29/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/04/2011

Next Scheduled EDR Contact: 07/18/2011 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: 02/25/2011 Date Data Arrived at EDR: 03/16/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 5

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/16/2011

Next Scheduled EDR Contact: 06/27/2011 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: 10/21/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 03/04/2011

Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Varies

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: 02/08/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 03/09/2011

Next Scheduled EDR Contact: 06/20/2011 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: 12/17/2010 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 94

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 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: 03/29/2011

Next Scheduled EDR Contact: 07/11/2011 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: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 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: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 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.

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: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 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: 01/07/2011 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 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: 04/22/2011

Next Scheduled EDR Contact: 08/01/2011 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: 03/18/2010 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 51

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 03/14/2011

Next Scheduled EDR Contact: 06/27/2011 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

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

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/13/2011

Next Scheduled EDR Contact: 07/25/2011 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: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 03/14/2011

Next Scheduled EDR Contact: 06/27/2011 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 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

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 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Biennially

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 01/04/2010 Date Data Arrived at EDR: 01/22/2010 Date Made Active in Reports: 01/28/2010

Number of Days to Update: 6

Source: Department of Environmental Protection

Telephone: 775-687-9414 Last EDR Contact: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

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

Date of Government Version: 03/31/2011 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: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 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: 03/21/2011

Next Scheduled EDR Contact: 07/04/2011 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: 04/21/2011

Next Scheduled EDR Contact: 08/01/2011 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: 05/23/2011

Next Scheduled EDR Contact: 08/08/2011 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 Date Data Arrived at EDR: 12/29/2010 Date Made Active in Reports: 02/02/2011

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 775-687-9465 Last EDR Contact: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 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: 04/19/2011

Next Scheduled EDR Contact: 08/01/2011 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 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/18/2011

Next Scheduled EDR Contact: 06/27/2011 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/05/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005 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: 04/21/2011

Next Scheduled EDR Contact: 08/01/2011

Data Release Frequency: N/A

#### **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.

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: 03/29/2011 Date Data Arrived at EDR: 03/30/2011 Date Made Active in Reports: 05/09/2011

Number of Days to Update: 40

Source: Washoe County Department of Environmental Health

Telephone: 775-328-2493 Last EDR Contact: 03/10/2011

Next Scheduled EDR Contact: 06/20/2011 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: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/26/2011

Next Scheduled EDR Contact: 09/05/2011 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: 12/31/2010 Date Data Arrived at EDR: 05/12/2011 Date Made Active in Reports: 05/24/2011

Number of Days to Update: 12

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/12/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Annually

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

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facility List Source: Department of Human Resources

Telephone: 775-684-1100

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 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**

TONOPAH CONVENTION CENTER 301 BROUGHER AVENUE TONOPAH, NV 89049

### **TARGET PROPERTY COORDINATES**

Latitude (North): 38.06790 - 38° 4' 4.4" Longitude (West): 117.2323 - 117° 13' 56.3"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 479623.0 UTM Y (Meters): 4213168.5

Elevation: 6043 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 38117-A2 TONOPAH, NV

Most Recent Revision: 1982

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 principle 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.

## **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).

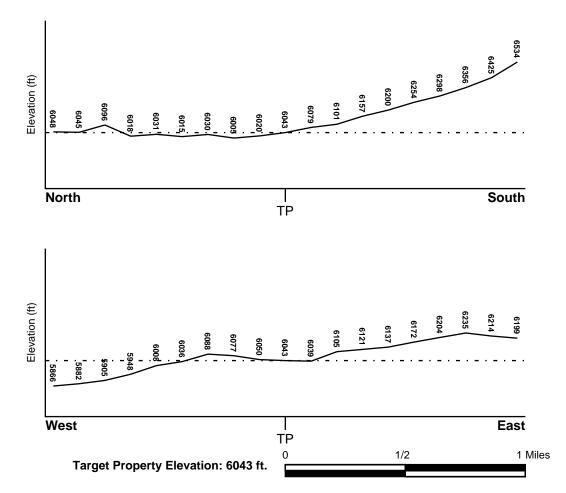
### **TOPOGRAPHIC INFORMATION**

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 NW

#### 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.

#### **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** 

FEMA Flood

Target Property County NYE, NV Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

32023C - FEMA DFIRM Flood data

020200 1 21111 1 D1 11 1111 1 1004 4410

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

TONOPAH

YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

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

## Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

<sup>\*©1996</sup> Site—specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## **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**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Cenozoic Category: Volcanic Rocks

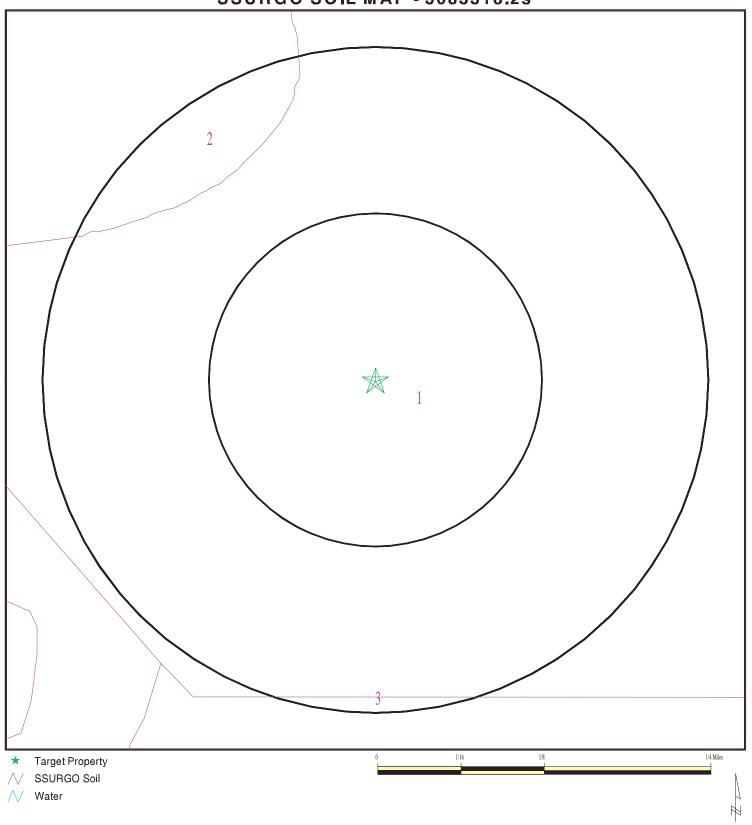
System: Tertiary

Series: Miocene felsic valcanic rocks

Code: Tmf (decoded above as Era, System & Series)

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 - 3083318.2s



SITE NAME: Tonopah Convention Center ADDRESS: 301 Brougher Avenue Tonopah NV 89049 LAT/LONG: 38.0679 / 117.2323

CLIENT: McGinley Associates
CONTACT: Brett Bottenberg
INQUIRY #: 3083318.2s

June 01, 2011 12:33 pm DATE:

## 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: Pintwater

Soil Surface Texture: very cobbly fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 43 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information						
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	3 inches	very cobbly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	3 inches	16 inches	extremely cobbly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	16 inches	20 inches	unweathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Osobb

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 25 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	1 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	1 inches	7 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	7 inches	9 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
4	9 inches	14 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Pintwater

Soil Surface Texture: very cobbly fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	3 inches	very cobbly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	3 inches	14 inches	very cobbly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	14 inches	18 inches	unweathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:

## **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

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

### FEDERAL USGS WELL INFORMATION

LOCATION

MAP ID WELL ID FROM TP

No Wells Found

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

 MAP ID
 WELL ID
 FROM TP

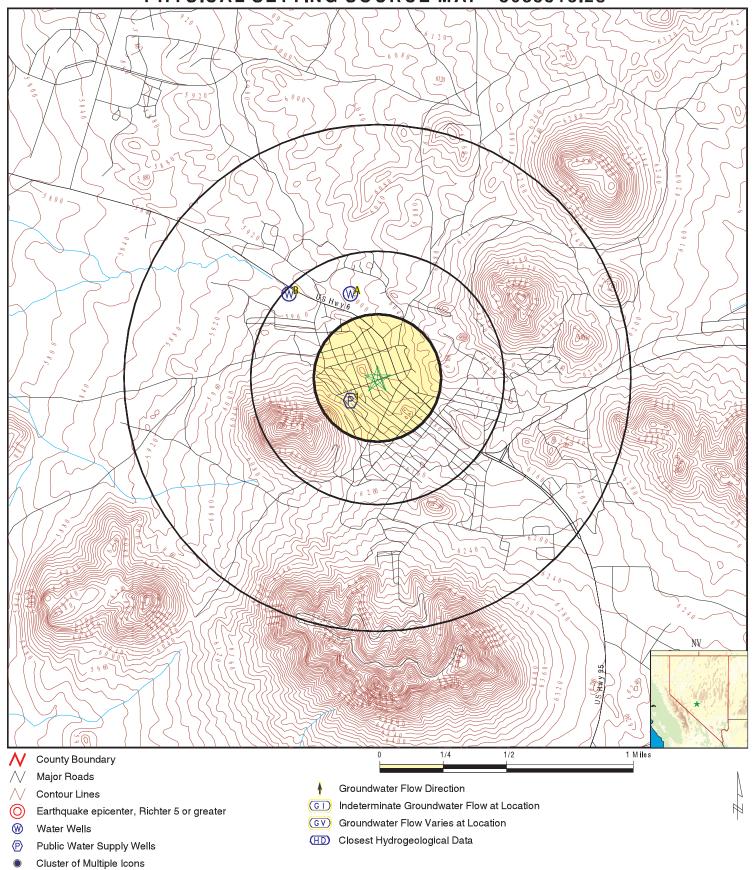
 1
 NV0000238
 1/8 - 1/4 Mile SW

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

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
	NV40000000046249	1/4 - 1/2 Mile NNW
A3	NV400000046248	1/4 - 1/2 Mile NNW
A4	NV400000046251	1/4 - 1/2 Mile NNW
A5	NV400000046250	1/4 - 1/2 Mile NNW
B6	NV400000046246	1/4 - 1/2 Mile NW
B7	NV400000046247	1/4 - 1/2 Mile NW
B8	NV400000046242	1/4 - 1/2 Mile NW
B9	NV400000046241	1/4 - 1/2 Mile NW
B10	NV400000046240	1/4 - 1/2 Mile NW
B11	NV400000046245	1/4 - 1/2 Mile NW
B12	NV400000046244	1/4 - 1/2 Mile NW
B13	NV400000046243	1/4 - 1/2 Mile NW

# PHYSICAL SETTING SOURCE MAP - 3083318.2s



SITE NAME: Tonopah Convention Center ADDRESS: 301 Brougher Avenue Tonopah NV 89049

LAT/LONG: 38 0679 / 117 2323 CLIENT: McGinley Associ CONTACT: Brett Bottenberg McGinley Associates INQUIRY#: 3083318.2s

June 01, 2011 12:33 pm DATE:

Map ID Direction Distance

Elevation Database EDR ID Number

**FRDS PWS** NV0000238

1/8 - 1/4 Mile Higher

> PWS ID: NV0000238

Date Initiated: 7401 Date Deactivated: Not Reported

LAMBERTUCCI ROMA TRAILER PARK PWS Name:

PO BOX 18

TONOPAH, NV 89049

Addressee / Facility: System Owner/Responsible Party

AL GASPAR, OWNER/J OWENN, MGR

PO BOX 18

TONOPAH, NV 89049

Facility Latitude: 38 04 00 Facility Longitude: 117 14 00

**TONOPAH** City Served:

Treatment Class: Untreated Population: 00000120

Violations information not reported.

NNW **NV WELLS** NV400000046249 1/4 - 1/2 Mile

Lat long s:

Lower

71169 Not Reported Well loa: App: Notice of: 15675 Waiver no: MO-804 Date log r: 04/17/1998 Date log 1: D Р Site type: Е Work type:

Work type: Not Reported

Proposed u: G Drilling m: В Sc: 32023 На: 137A 03N Twn: N03 Legal twn: Rng: E42 Legal rng: 42E Sec: 35 Sec quarte: BD

SE NW Legal quar: Quarters s: Not Reported Ref: MD Latitude: 38 NV003

Longitude: 117 Lat long a:

**CONVERSE CONSULTANTS** Owner curr:

Owner addr: 501 N MAIN ST TONOPAH NV Owner no: MW-05

Parcel no: Not Reported Subdivisio: Not Reported Not Reported Block no: Not Reported Lot no:

12/19/1997 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 0 0 Depth dril: 20 Depth bedr: Not Reported Aquifer de: Depth case: 20

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 Not Reported Qual const: Test metho:

G

Qual lith:

Remarks ad: Not Reported Contractor: 34757

**CONVERSE CONSULTANTS** Contract 1:

731 PILOT RD STE H LAS VEGAS NV 89119-442 Contract 2:

Contract 3:

Driller li: 1869 Source age: NV003 User id: **KCOON** Date entry: 05/19/1998 Update use: user15 Date updat: 06/03/1998 Edit statu: Well start: 12/19/1997 F Gravel p 1: 0 Gravel p 2:

Utm x: 479533.692786 Utm y: 4213709.76817 NV400000046249

A3 NNW 1/4 - 1/2 Mile Lower

Site id:

**NV WELLS** NV400000046248

Well log: 71168 App: Not Reported MO-804 Notice of: 15675 Waiver no: 04/17/1998 Date log r: Date log 1: D Work type: Ρ Site type: Ε

Work type: Not Reported

В Proposed u: G Drilling m: 32023 Sc: 137A Twn: N03 Legal twn: 03N 42E Rng: E42 Legal rng: Sec: 35 Sec quarte: BD

Legal quar: SE NW Quarters s: Not Reported

MD Latitude: 38 Ref: Lat long s: NV003 Longitude: 117

Lat long a:

**CONVERSE CONSULTANTS** Owner curr: 501 N MAIN ST TONOPAH NV Owner addr:

MW-04 Owner no:

Not Reported Subdivisio: Parcel no: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 12/19/1997 Date cmplt: D 0 Gravel pac: Not Reported Depth seal: Depth dril: 0 Depth bedr: 20 Aquifer de: 20 Not Reported Depth case:

Csng diame: 0

Csng reduc: 0 Top perf: 0 Bottom per: 0 Perf inter: 0

Static wl: 0 Temperatur: 0 Yield: 0 0 Drawdown: Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: 34757

**CONVERSE CONSULTANTS** Contract 1:

Contract 2: 731 PILOT RD STE H LAS VEGAS NV 89119-442

Contract 3:

NV003 Driller li: 1869 Source age: User id: **KCOON** Date entry: 05/19/1998 Update use: user15 Date updat: 06/03/1998 Edit statu: F Well start: 12/19/1997

Gravel p 1: 0 Gravel p 2:

TC3083318.2s Page A-12

 Utm x:
 479533.692786

 Utm y:
 4213709.76817

 Site id:
 NV400000046248

\_\_\_\_

NNW 1/4 - 1/2 Mile Lower

NV WELLS NV400000046251

Not Reported

Not Reported

71171 Not Reported Well log: App: Notice of: 15675 Waiver no: MO-804 Date log r: 04/17/1998 Date log 1: D Р Site type: Ε Work type: Work type: Not Reported

В Proposed u: G Drilling m: Sc: 32023 Ha: 137A N03 Legal twn: 03N Twn: E42 Legal rng: Rng: 42E Sec: 35 Sec quarte: BD SE NW Quarters s:

Legal quar:SE NWQuarters s:Not ReportedRef:MDLatitude:38Longitude:117Lat long s:NV003

Lat long a: T

Owner curr: CONVERSE CONSULTANTS
Owner addr: 501 N MAIN ST TONOPAH NV

Owner no: MW-06
Parcel no: Not Reported Subdivisio:
Lot no: Not Reported Block no:

Well finis: 12/19/1997 Date cmplt: D Gravel pac: Not Reported Depth seal: 0 Depth dril: 20 Depth bedr: 0 Not Reported 20 Aquifer de: Depth case:

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: 34757

Contract 1: CONVERSE CONSULTANTS

Contract 2: 731 PILOT RD STE H LAS VEGAS NV 89119-442

Contract 3: 0

1869 NV003 Driller li: Source age: User id: **KCOON** Date entry: 05/19/1998 Date updat: 06/03/1998 Update use: user15 F 12/19/1997 Edit statu: Well start:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 479533.692786

 Utm y:
 4213709.76817

 Site id:
 NV400000046251

Map ID Direction Distance Elevation

A5 NNW **NV WELLS** NV400000046250 1/4 - 1/2 Mile Lower Well log: 71170 App: Not Reported MO-804 Notice of: 15675 Waiver no: 04/17/1998 Date log 1: Date log r: D Ρ Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: В Sc: 32023 137A На: Twn: N03 03N Legal twn: E42 42E Rng: Legal rng: Sec: 35 Sec quarte: BDSE NW Not Reported Legal quar: Quarters s: MD Ref: Latitude: 38 Longitude: 117 Lat long s: NV003 Lat long a: Т Owner curr: **CONVERSE CONSULTANTS** Owner addr: 501 N MAIN ST TONOPAH NV Owner no: MW-07 Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 12/19/1997 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 0 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csng diame: 0 Csng reduc: 0 Top perf: 0 0 Perf inter:

 Csng reduc:
 0

 Bottom per:
 0

 Static wl:
 0

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

 Test metho:
 Not Repo

 Qual lith:
 G

Test metho: Not Reported Qual const: G

Remarks ad: Not Reported Contractor: 34757

Contract 1: CONVERSE CONSULTANTS

Contract 2: 731 PILOT RD STE H LAS VEGAS NV 89119-442

 Contract 3:
 0

 Driller li:
 1869

 User id:
 KCOON

 Update use:
 user15

 Edit statu:
 F

 Gravel p 1:
 0

 Source age:
 NV003

 Date entry:
 05/19/1998

 Date updat:
 06/03/1998

 Well start:
 12/19/1997

 Gravel p 2:
 0

 Utm x:
 479533.692786

 Utm y:
 4213709.76817

 Site id:
 NV4000000046250

B6 NW 1/4 - 1/2 Mile Lower

NV WELLS NV400000046246

Database

EDR ID Number

Well log: 50877 App: Not Reported Notice of: 14069 Waiver no: Not Reported

 Date log r:
 11/29/1995
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type: Not Reported

В Proposed u: Drilling m: G Sc: 32009 137A Ha: Twn: N03 Legal twn: 03N E42 Legal rng: 42E Rng: Sec quarte: BC Sec: 35

Legal quar: SW NW Quarters s: Not Reported

Ref:MDLatitude:38Longitude:117Lat long s:NV003

Lat long a: T

Owner curr: HARDING LAWSON ASSOCIATES
Owner addr: 4170 S DECATUR LAS VEGAS NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis:04/12/1995Date cmplt:DGravel pac:Not ReportedDepth seal:20Depth dril:20Depth bedr:0Aquifer de:Not ReportedDepth case:20

Csng diame: 4.5

 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: 39528

Contract 1: WEBER ENVIRONMENTAL INC

Contract 2: 115 S WEBER DR STE 1 CHANDLER AZ 85226

Contract 3: 0

 Driller Ii:
 1910
 Source age:
 NV003

 User id:
 DBRANTLEY
 Date entry:
 04/23/1996

 Update use:
 Not Reported
 Date updat:
 08/16/1996

 Edit statu:
 F
 Well start:
 04/11/1995

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 479143.857826

 Utm y:
 4213710.7565

 Site id:
 NV400000046246

B7
NW NV WELLS NV400000046247

1/4 - 1/2 Mile Lower

Well log: 50878 App: Not Reported Notice of: 14069 Waiver no: Not Reported

 Date log r:
 11/29/1995
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

Proposed u: G Drilling m: В Sc: 32009 Ha: 137A N03 Legal twn: 03N Twn: Rng: E42 Legal rng: 42E Sec: 35 Sec quarte: BC

Legal quar:SW NWQuarters s:Not ReportedRef:MDLatitude:38

Ref:MDLatitude:38Longitude:117Lat long s:NV003

Lat long a: T

Owner curr: HARDING LAWSON ASSOCIATES
Owner addr: 4170 S DECATUR LAS VEGAS NV

Owner no: Not Reported

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

Well finis: 04/12/1995 Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

Csng diame: 4.5

Csng reduc:0Top perf:0Bottom per:0Perf inter:0

Static wl: 0
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported
Contractor: 39528

Contract 1: WEBER ENVIRONMENTAL INC

Contract 2: 115 S WEBER DR STE 1 CHANDLER AZ 85226

Contract 3: 0

 Driller Ii:
 1910
 Source age:
 NV003

 User id:
 DBRANTLEY
 Date entry:
 04/23/1996

 Update use:
 Not Reported
 Date updat:
 08/16/1996

 Edit statu:
 F
 Well start:
 04/11/1995

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 479143.857826

 Utm y:
 4213710.7565

 Site id:
 NV4000000046247

B8 NW NV WELLS NV400000046242

1/4 - 1/2 Mile Lower

Well log:32280App:Not ReportedNotice of:5756Waiver no:Not Reported

 Date log r:
 06/19/1989
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported

Proposed u: G Drilling m: Н Sc: 32023 Ha: 137A N03 03N Twn: Legal twn: Rng: E42 42E Legal rng: Sec: 35 Sec quarte: BC

Legal quar:SW NWQuarters s:Not ReportedRef:MDLatitude:38Longitude:117Lat long s:NV003

Longitude: 117 Lat long s: Lat long a: T

Owner curr: UNOCAL CORP

Owner addr: SAN DIEGO CA

Owner no: M-004

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

Well finis:09/14/1988Date cmplt:DGravel pac:YDepth seal:4

Depth dril: 20 Depth bedr: 0\_TC3083318.2s Page A-16

Aquifer de: Not Reported Depth case: 19

Csng diame: 4

Csng reduc: 0 Top perf: 9
Bottom per: 19 Perf inter: 1

Static wl: 10.5
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks ad: Not Reported Contractor: Not Reported

Contract 1: DON WILSON/CONVERSE CONSULTANT

Contract 2: 4670 S POLARIS LV NV 89103

Contract 3: 0

Lower

Driller li: 1589 Source age: NV003 **NAFLECKS** Date entry: 07/10/2002 User id: Update use: dsdavis Date updat: 08/16/1996 09/14/1988 Edit statu: F Well start: Gravel p 2: 20

Gravel p 1: 4 Grav Utm x: 479143.857826

Utm x: 479143.857826 Utm y: 4213710.7565 Site id: NV400000046242

B9 NW NV WELLS NV400000046241 1/4 - 1/2 Mile

Well log:32279App:Not ReportedNotice of:5756Waiver no:Not Reported

 Date log r:
 06/19/1989
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Site type: N Work type: Work type: Not Reported

Proposed u: Н G Drilling m: 32023 Sc: Ha: 137A Twn: N03 Legal twn: 03N Rng: E42 Legal rng: 42E Sec: 35 Sec quarte: BC

Legal quar: SW NW Quarters s: Not Reported

Ref: MD Latitude: 38 Longitude: 117 Lat long s: NV003

Lat long a: T

Owner curr: UNOCAL CORP
Owner addr: SAN DIEGO CA

Owner no: M-002

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

09/13/1988 D Well finis: Date cmplt: 2 Gravel pac: Υ Depth seal: 0 Depth dril: 30 Depth bedr: Aquifer de: Not Reported Depth case: 25

Csng diame: 4

 Csng reduc:
 0
 Top perf:
 5

 Bottom per:
 25
 Perf inter:
 1

Static wi: 13
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks ad: Not Reported Contractor: Not Reported

Contract 1: DON WILSON/CONVERSE CONSULTANT

Contract 2: 4670 S POLARIS LV NV 89103

Contract 3: 0

Driller li: 1589 Source age: NV003 07/10/2002 User id: **NAFLECKS** Date entry: 08/16/1996 Update use: dsdavis Date updat: 09/13/1988 Edit statu: Well start: F Gravel p 1: 2 Gravel p 2: 30

 Utm x:
 479143.857826

 Utm y:
 4213710.7565

 Site id:
 NV400000046241

B10 NV WELLS NV400000046240

1/4 - 1/2 Mile Lower

Well log: 32278 App: Not Reported Notice of: 5756 Waiver no: Not Reported

 Date log r:
 06/19/1989
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported

Proposed u: Н G Drilling m: 32023 137A Sc: Twn: N03 Legal twn: 03N Legal rng: 42E Rng: E42 Sec: 35 Sec quarte: BC

Legal quar: SW NW Quarters s: Not Reported

Ref:MDLatitude:38Longitude:117Lat long s:NV003

Lat long a: T

Owner curr: UNOCAL CORP
Owner addr: SAN DIEGO CA

Owner no: M-005

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 09/14/1988 Date cmplt: D 5 Gravel pac: Υ Depth seal: Depth dril: 0 31 Depth bedr: Aquifer de: 29 Not Reported Depth case:

Csng diame: 4

 Csng reduc:
 0
 Top perf:
 9

 Bottom per:
 29
 Perf inter:
 1

Static wl: 26
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks ad: Not Reported Contractor: Not Reported

Contract 1: DON WILSON/CONVERSE CONSULTANT

Contract 2: 4670 S POLARIS LV NV 89103

Contract 3: 0

NV003 Driller li: 1589 Source age: **NAFLECKS** User id: Date entry: 07/10/2002 Update use: dsdavis Date updat: 08/16/1996 Edit statu: F Well start: 09/14/1988 Gravel p 1: 5 Gravel p 2: 31

T00000040 0 B

 Utm x:
 479143.857826

 Utm y:
 4213710.7565

 Site id:
 NV400000046240

311 NW NV WELLS NV400000046245

1/4 - 1/2 Mile Lower

Well log:50876App:Not ReportedNotice of :14069Waiver no:Not Reported

 Date log r:
 11/29/1995
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

В Proposed u: G Drilling m: Sc: 32009 Ha: 137A N03 Legal twn: 03N Twn: E42 Legal rng: Rng: 42E Sec: 35 Sec quarte: BC

Legal quar: SW NW Quarters s: Not Reported

Ref:MDLatitude:38Longitude:117Lat long s:NV003

Lat long a: T

Owner curr: HARDING LAWSON ASSOCIATES
Owner addr: 4170 S DECATUR LAS VEGAS NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 04/12/1995 Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Not Reported 20 Aquifer de: Depth case:

Csng diame: 4.5

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:

Remarks ad: Not Reported Contractor: 39528

Contract 1: WEBER ENVIRONMENTAL INC

Contract 2: 115 S WEBER DR STE 1 CHANDLER AZ 85226

Contract 3: 0

NV003 Driller li: 1910 Source age: **DBRANTLEY** User id: Date entry: 04/23/1996 Not Reported Date updat: 08/16/1996 Update use: F 04/11/1995 Edit statu: Well start:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 479143.857826

 Utm y:
 4213710.7565

 Site id:
 NV400000046245

Map ID Direction Distance

Elevation Database EDR ID Number **B12** NW **NV WELLS** NV4000000046244 1/4 - 1/2 Mile Lower Well log: 32282 App: Not Reported Notice of: 5756 Waiver no: Not Reported 06/19/1989 Date log 1: Date log r: D Site type: Ν Work type: Ν Work type: Not Reported Proposed u: G Drilling m: Н Sc: 32023 137A На: Twn: N03 03N Legal twn: E42 42E Rng: Legal rng: Sec: 35 Sec quarte: BC SW NW Not Reported Legal quar: Quarters s: Ref: MD Latitude: 38 NV003 Longitude: 117 Lat long s: Lat long a: Т Owner curr: **UNOCAL CORP** Owner addr: SAN DIEGO CA Owner no: M-003 Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 09/14/1988 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 4 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 19 Csng diame: Csng reduc: 0 Top perf: 9 19 Perf inter: Bottom per: 1 Static wl: 10 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0 F Test metho: Not Reported Qual const: Qual lith: Remarks ad: Not Reported Not Reported Contractor: DON WILSON/CONVERSE CONSULTANT Contract 1: 4670 S POLARIS LV NV 89103 Contract 2: Contract 3: Driller li: 1589 Source age: NV003 **NAFLECKS** User id: Date entry: 07/10/2002 Update use: dsdavis Date updat: 08/16/1996 09/14/1988 Edit statu: F Well start: Gravel p 1: 4 Gravel p 2: 20 479143.857826 Utm x: Utm y: 4213710.7565 Site id: NV400000046244

B13 NW 1/4 - 1/2 Mile Lower

NV WELLS NV400000046243

Well log: 32281 App: Not Reported Notice of: 5756 Waiver no: Not Reported

Work type: Not Reported
Proposed u: G Drilling m:

Н Sc: 32023 137A Ha: Twn: N03 Legal twn: 03N Rng: E42 Legal rng: 42E Sec quarte: 35 BC Sec:

Legal quar:SW NWQuarters s:Not ReportedRef:MDLatitude:38

Longitude: 117 Lat long s: NV003
Lat long a: T

Owner curr: UNOCAL CORP
Owner addr: SAN DIEGO CA

Owner no: M-001

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 09/14/1988 Date cmplt: D Gravel pac: Υ Depth seal: 4 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 19

Csng diame: 4

 Csng reduc:
 0
 Top perf:
 9

 Bottom per:
 19
 Perf inter:
 1

Static wl: 10
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks ad: Not Reported Contractor: Not Reported

Contract 1: DON WILSON/CONVERSE CONSULTANT

Contract 2: 4670 S POLARIS LV NV 89103

Contract 3: 0

Driller li: 1589 NV003 Source age: User id: **NAFLECKS** Date entry: 07/10/2002 Update use: dsdavis Date updat: 08/16/1996 09/14/1988 Edit statu: F Well start: Gravel p 1: Gravel p 2: 20

 Utm x:
 479143.857826

 Utm y:
 4213710.7565

 Site id:
 NV4000000046243

## AREA RADON INFORMATION

State Database: NV Radon

Radon Test Results

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

Federal EPA Radon Zone for NYE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 89049

Number of sites tested: 32

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

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

#### HYDROLOGIC INFORMATION

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

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

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> 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

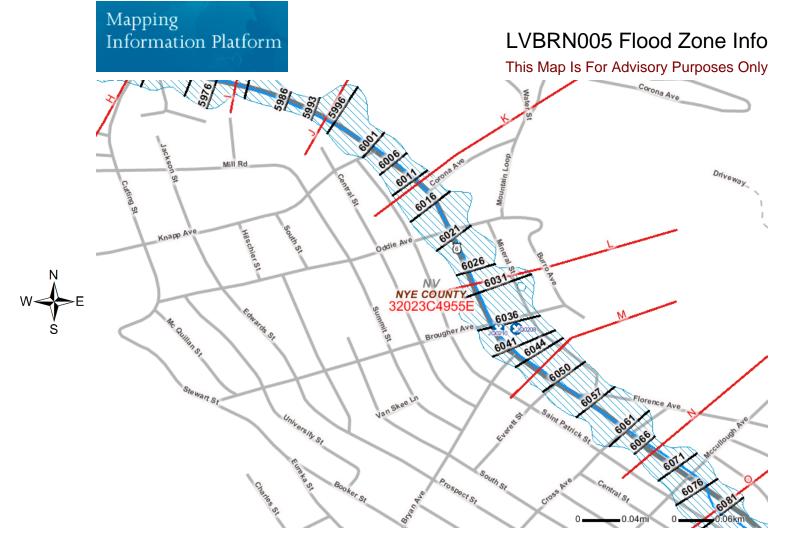
### PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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### **APPENDIX F**

### **Additional Information**



### Legend





### NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole–foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures.** Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway

Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301)** 713–3242, or visit its website at http://www.ngs.noaa.gov/.

**Base map** information shown on this FIRM was derived from multiple sources. Base map data were provided in digital format by Nye County. This information was compiled using source materials dated 2008. Additional information was photogrammetrically compiled at a scale of 1:12000 from aerial photography

dated 2006.
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream

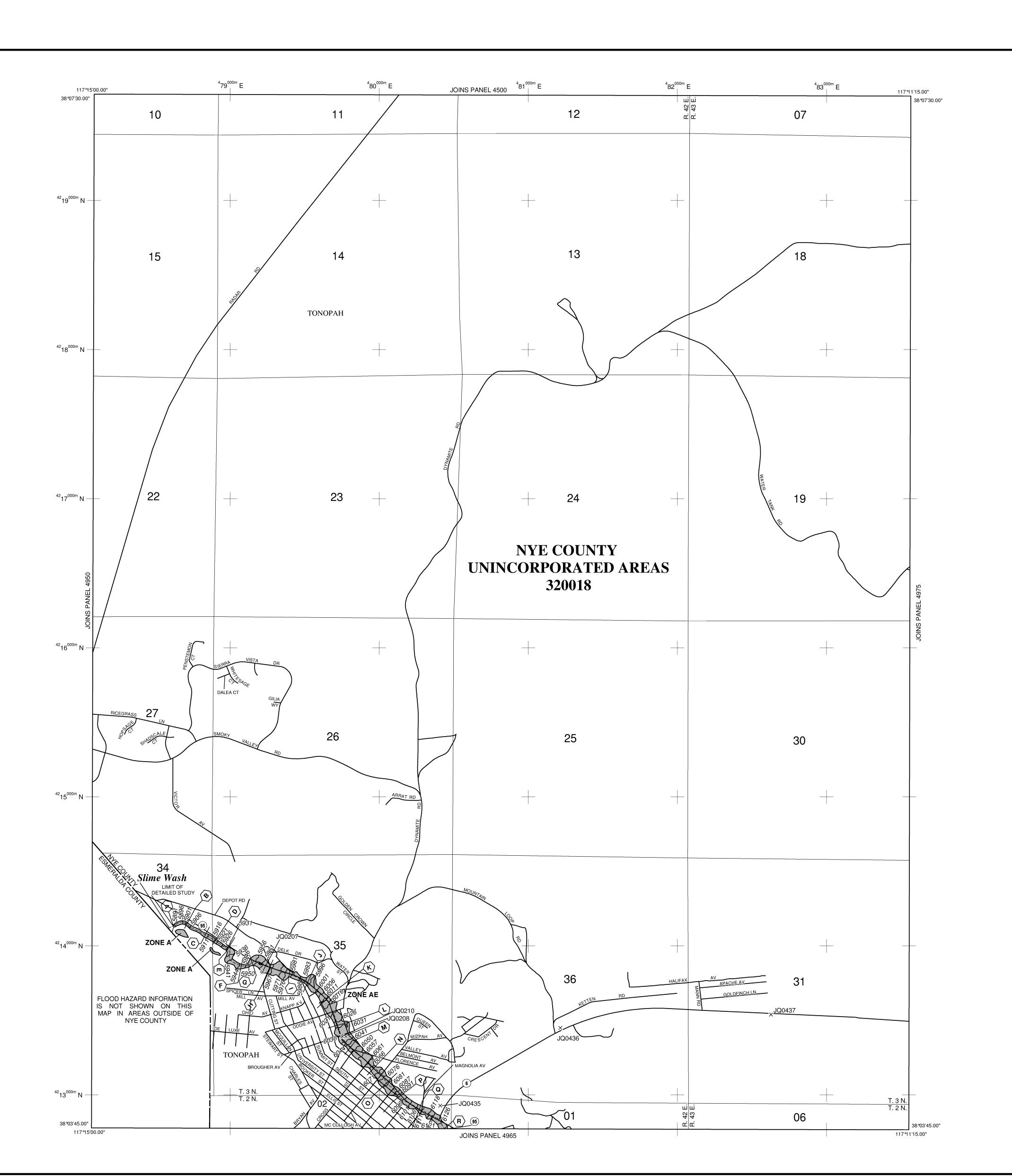
channel distances that differ from what is shown on this map.

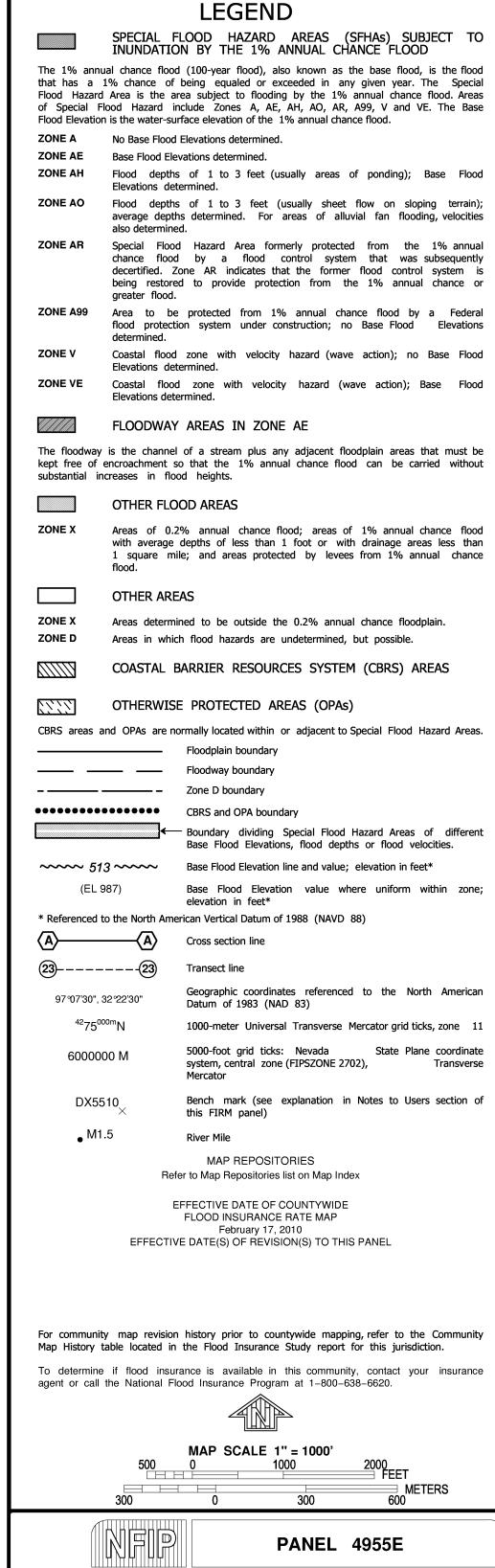
**Corporate limits** shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de–annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

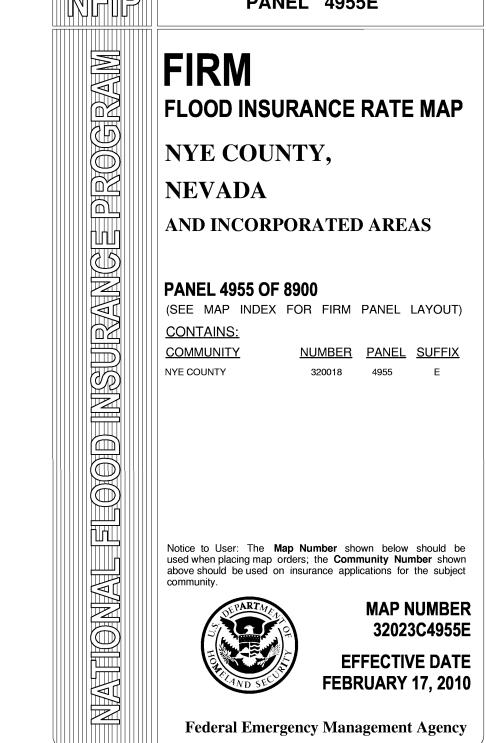
Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1–800–358–9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, *a Flood Insurance Study report*, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1–800–358–9620 and its website at http://www.msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1–877–FEMA MAP**(1–877–336–2627) or visit the FEMA website at http://www.fema.gov/.







### **Tonopah Convention Center**

301 Brougher Avenue Tonopah, NV 89049

Inquiry Number: 3083318.3

June 01, 2011

### Certified Sanborn® Map Report



### **Certified Sanborn® Map Report**

6/01/11

Site Name: Client Name:

Tonopah Convention Center 301 Brougher Avenue Tonopah, NV 89049 McGinley Associates 815 Maestro Drive Reno, NV 89511

EDR Inquiry # 3083318.3 Contact: Brett Bottenberg



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by McGinley Associates were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

### Certified Sanborn Results:

Site Name: Tonopah Convention Center

Address: 301 Brougher Avenue City, State, Zip: Tonopah, NV 89049

**Cross Street:** 

**P.O.** # NA

Project: LVBRN005

**Certification #** 5957-4F76-A113

### Maps Provided:

1941

1917

1909

1906

1905



Sanborn® Library search results Certification # 5957-4F76-A113

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

The Sanborn Library LLC Since 1866™

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### Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



#### 1941 Source Sheets









Volume 1, Sheet 5

Volume 1, Sheet 6

Volume 1, Sheet 9

Volume 1, Sheet 11

### 1917 Source Sheets









Volume 1, Sheet 5

Volume 1, Sheet 6

Volume 1, Sheet 9

Volume 1, Sheet 11

#### 1909 Source Sheets









Volume 1, Sheet 2

Volume 1, Sheet 3

Volume 1, Sheet 4

Volume 1, Sheet 5

### 1906 Source Sheets









Volume 1, Sheet 2

Volume 1, Sheet 3

Volume 1, Sheet 4

Volume 1, Sheet 5

### 1905 Source Sheets







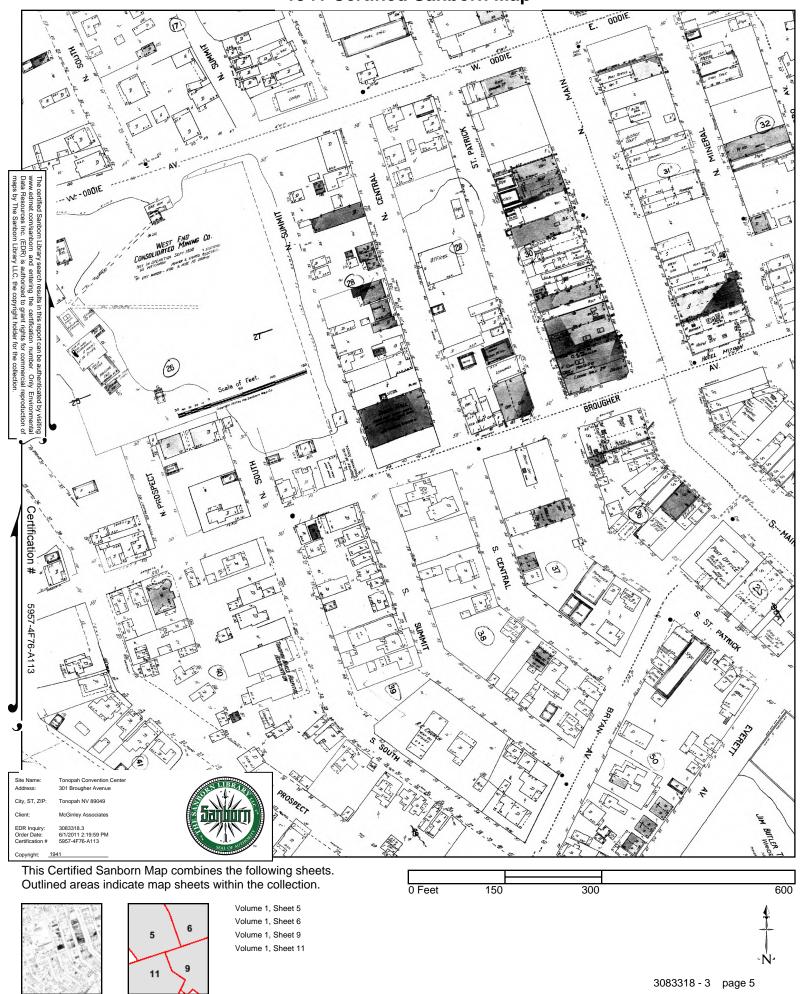


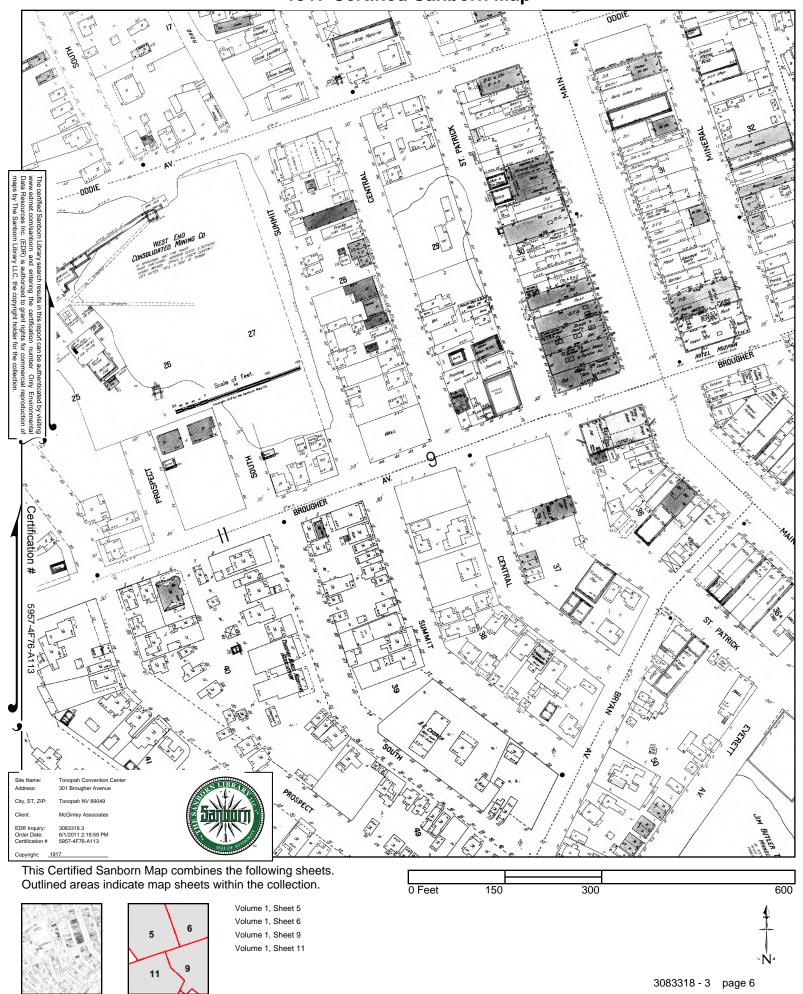
Volume 1, Sheet 2

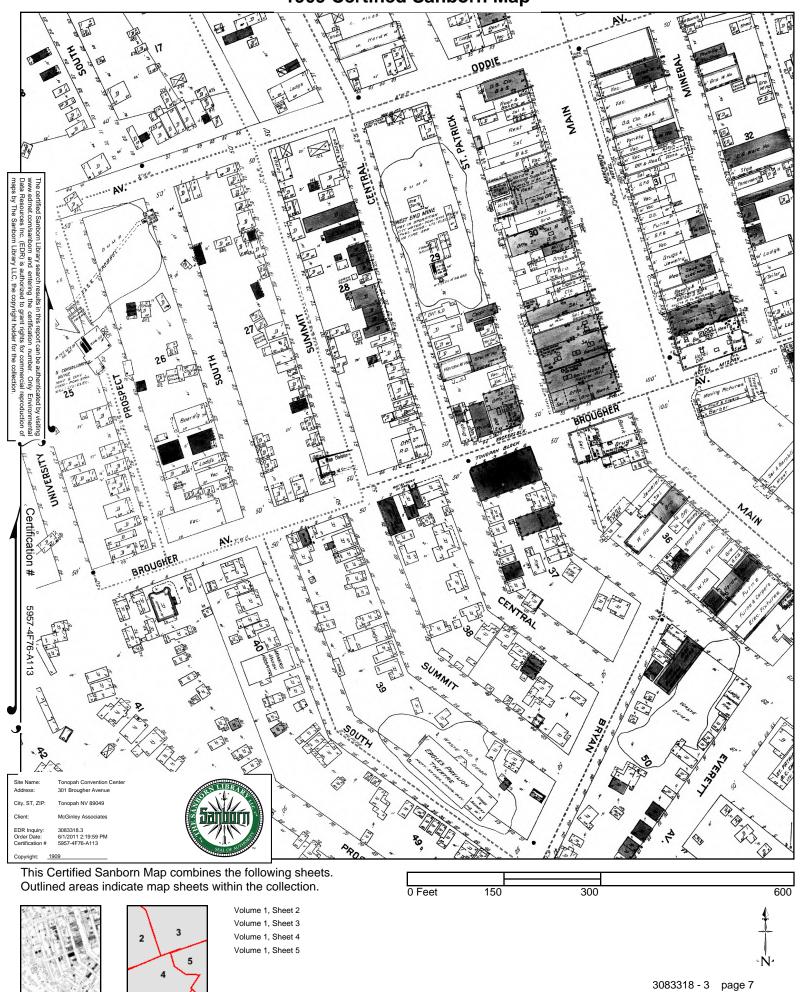
Volume 1, Sheet 3

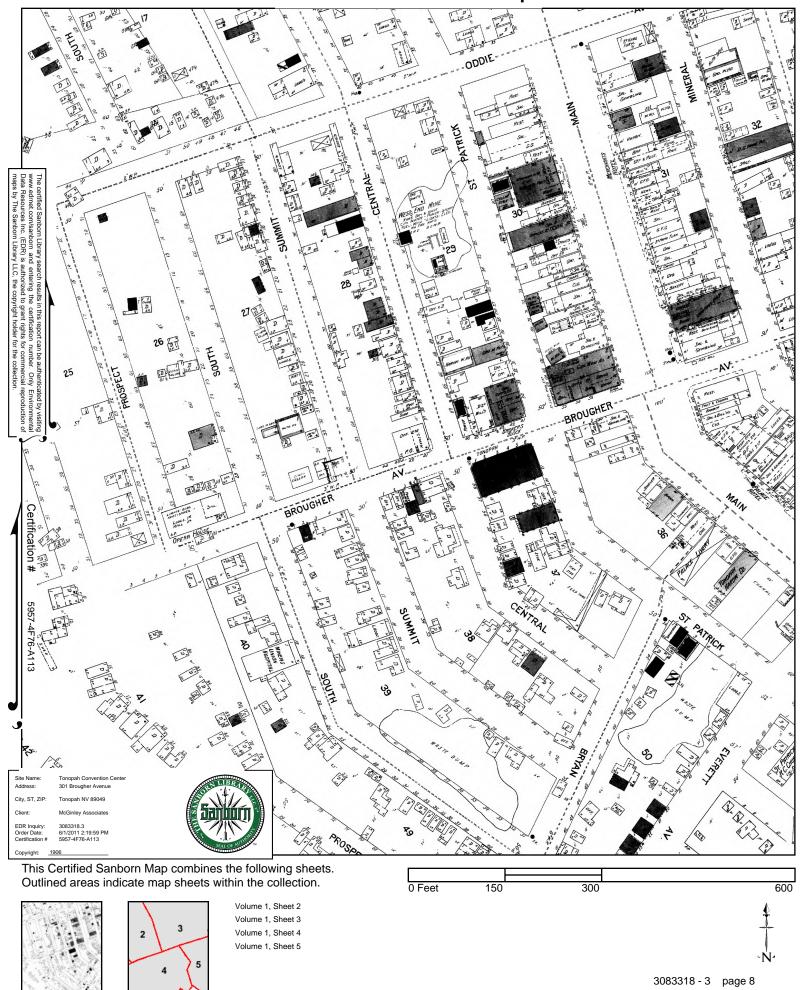
Volume 1, Sheet 4

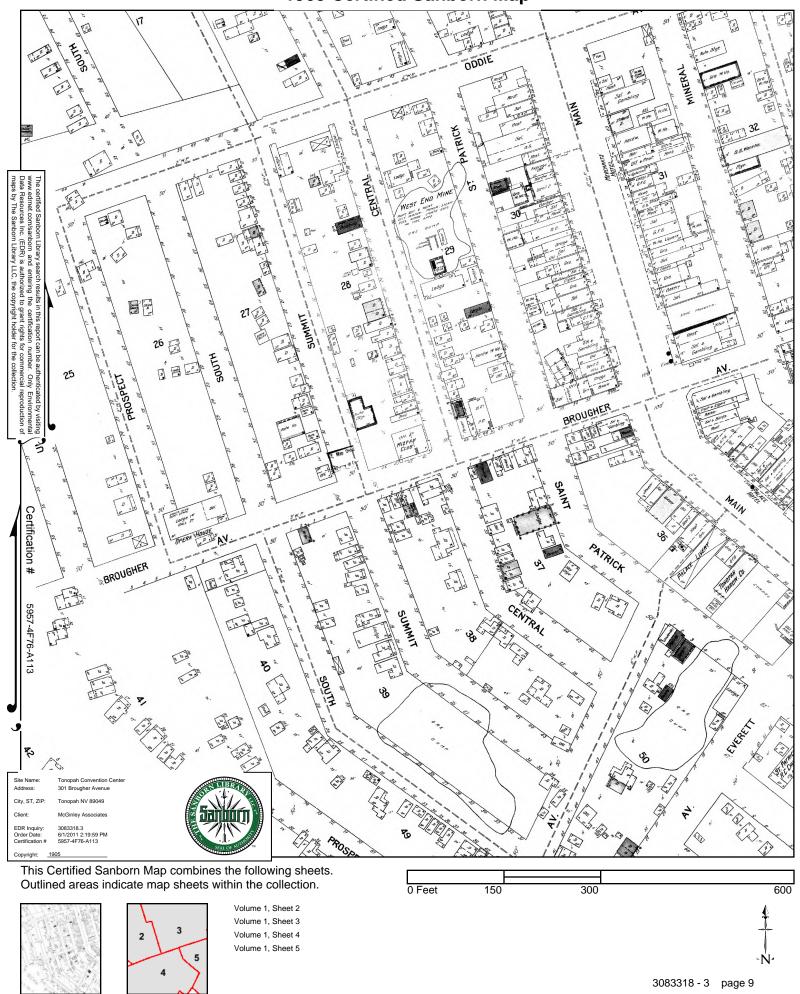
Volume 1, Sheet 5











### Big Smoky Valley Area, Nevada, Part of Nye County

### PK—Pintwater-Rock outcrop complex

### **Map Unit Setting**

Elevation: 5,500 to 7,000 feet

Mean annual precipitation: 6 to 10 inches Mean annual air temperature: 43 to 47 degrees F

Frost-free period: 100 to 120 days

### **Map Unit Composition**

Pintwater and similar soils: 50 percent

Rock outcrop: 30 percent

### **Description of Pintwater**

### Setting

Landform: Hills

Down-slope shape: Linear Across-slope shape: Concave

Parent material: Residuum and colluvium derived from volcanic rocks

### **Properties and qualities**

Slope: 15 to 50 percent

Surface area covered with cobbles, stones or boulders: 2.0 percent

Depth to restrictive feature: 10 to 20 inches to lithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low

(0.00 to 0.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 20 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/

cm)

Sodium adsorption ratio, maximum: 5.0

Available water capacity: Very low (about 1.4 inches)

### Interpretive groups

Land capability (nonirrigated): 7s

Ecological site: LOAMY SLOPE 5-8 P.Z. (R029XY022NV)

### **Typical profile**

0 to 3 inches: Very cobbly fine sandy loam

3 to 17 inches: Extremely cobbly fine sandy loam

17 to 21 inches: Unweathered bedrock

#### **Description of Rock Outcrop**

### Setting

Landform: Peaks

Down-slope shape: Convex



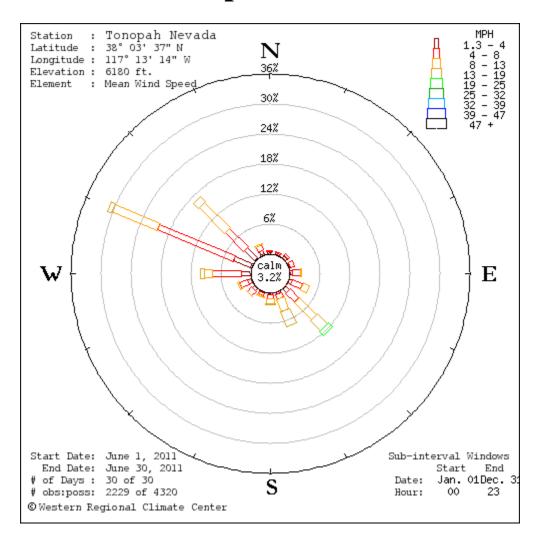
Across-slope shape: Convex

### **Data Source Information**

Soil Survey Area: Big Smoky Valley Area, Nevada, Part of Nye County

Survey Area Data: Version 5, Oct 19, 2009

### **Tonopah Nevada**



### **Tonopah Nevada - Wind Frequency Table (percentage)**

Latitude : 38° 03' 37" N

Longitude : 117° 13' 14" W

Elevation : 6180 ft.

Element :

Sub Interval Windows

Start End

Start End

Date Jan. 01 Dec. 31

Hour 00 23

(Greater than or equal to initial interval value and Less than ending interval value.)

Range (mph)	N	NNE NE	ENE E	ESE	SE	SSE S	SSW SW	WSW	W	WNW	NW	NNW	Total
1.3 - 4	0.2	0.2 0.4	0.2 0.5	0.7	1.1	0.5 0.3	0.1 0.5	0.7	1.7	3.7	2.8	0.8	14.4
4 - 8	0.3	0.2 0.5	0.9 1.6	2.2	2.5	0.9 0.9	0.6 1.2	1.7	5.8	16.4	5.2	1.1	41.9
8 - 13	0.0	0.0 0.0	0.0 0.2	1.4	4.8	2.6 0.9	0.2 0.1	0.3	1.6	9.8	7.3	0.3	29.5
13 - 19	0.0	0.0 0.0	0.0 0.0	0.0	2.9	3.2 0.2	0.0 0.0	0.0	0.9	0.9	1.4	0.1	9.6

19 - 25	0.0	0.0 0.0	0.0 0.0	0.0	1.1	0.1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
25 - 32	0.0	0.0 0.0	$0.0\ 0.0$	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32 - 39	0.0	0.0 0.0	$0.0\ 0.0$	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39 - 47	0.0	0.0 0.0	$0.0\ 0.0$	0.0	0.0	$0.0\ 0.0$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47 -	0.0	0.0 0.0	$0.0\ 0.0$	0.0	0.0	$0.0\ 0.0$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total(%)	0.5	0.4 1.0	1.1 2.3	4.3 12	2.4	7.3 2.2	0.9	1.9	2.7	10.0	30.8	16.7	2.2	96.7
Calm (<1.3)	)													3.2
Ave Speed	4.0	3.8 5.1	5.6 5.5	6.7 11	1.0	11.7 8.0	6.0	5.2	5.5	7.0	7.1	8.0	5.5	7.6

### **Tonopah Nevada - Hourly Wind Statistics Table**

Time - Time of Day (L.S.T.)

Speed - Average (Scalar) Speed in MPH

U-Vel - East-West Velocity, Positive to East

V-Vel - North-South Velocity, Positive to North

Res Spd - Vector Average (resultant) Speed in MPH

Res Dir - Vector Average (resultant) Direction

Dir Con - Directional Constancy (Res Spd/Speed)

Num Spd - Number of Wind Speed Observations Num Dir - Number of Wind Direction Observations

Time	Speed	U-Vel	V-Vel	Res Spd	Res Dir	Dir Con	Num Spd	Num Dir
0	5.7	1.2	-0.6	1.3	296	0.233	96	96
1	5.3	1.0	-0.4	1.1	291	0.206	96	96
2	4.9	1.1	0.1	1.1	267	0.221	96	96
3	5.3	0.8	0.6	1.0	231	0.182	96	96
4	5.1	0.8	0.1	0.8	265	0.156	96	96
5	5.1	0.9	0.0	0.9	267	0.172	96	96
6	7.0	1.7	-0.6	1.8	290	0.261	96	96
7	8.1	2.1	-0.7	2.2	289	0.274	96	96
8	8.7	2.3	-0.0	2.3	271	0.262	96	96
9	8.8	1.9	0.3	1.9	259	0.216	96	96
10	8.8	1.9	1.8	2.6	227	0.294	96	96
11	8.9	1.8	2.8	3.3	212	0.373	93	93
12	9.0	2.5	2.5	3.5	224	0.391	90	90
13	9.1	2.3	2.6	3.5	222	0.380	90	90

14	10.0	3.1	1.9	3.6	239	0.360	90	90
15	10.1	2.9	1.8	3.4	239	0.338	90	90
16	10.2	2.7	0.0	2.7	269	0.268	90	90
17	9.8	3.1	-0.6	3.1	280	0.320	90	90
18	9.7	3.2	-1.2	3.5	290	0.355	90	90
19	8.2	3.1	-1.1	3.3	289	0.402	90	90
20	7.5	3.8	-0.7	3.9	280	0.517	90	90
21	6.8	3.9	-0.4	3.9	276	0.579	90	90
22	6.0	3.2	-1.0	3.4	287	0.559	90	90
23	5.4	2.0	-1.1	2.3	298	0.417	90	90
ALL	7.6	2.2	0.3	2.2	263	0.292	2229	2229



### STATE OF NEVADA DIVISION OF WATER RESOURCES

### WELL DRILLER'S LOG - GENERAL REPORT

Total Records: 12 Run Date: 6/16/2011

Selection Criteria: twn in ('n03') and rng in ('e42') and sec in ('35') order by twn,rng,sec

					_				, 0,							
BASIN	LOG NO	СО	TWN	RNG		QTR SEC	OWNER	DATE CMPLT	DRLRS LIC NO	TOTAL DEPTH	STATIC WATER LEVEL	CSNG DIAMS	ASSESSOR'S PARCEL NO	WORK TYPE	PROP USE	PERMIT / WAIVER NO
137A	50876	ES	N03	E42	35	SW NW	HARDING LAWSON ASSOCIATES	4/12/1995	1910	20	0.00	4.50		P	G	
137A	50877	ES	N03	E42	35	SW NW	HARDING LAWSON ASSOCIATES	4/12/1995	1910	20	0.00	4.50		P	G	
137A	50878	ES	N03	E42	35	SW NW	HARDING LAWSON ASSOCIATES	4/12/1995	1910	20	0.00	4.50		P	G	
137A	71168	NY	N03	E42	35	SE NW	CONVERSE CONSULTANTS	12/19/1997	1869	20	0.00	0.00		P	G	MO-804
137A	71169	NY	N03	E42	35	SE NW	CONVERSE CONSULTANTS	12/19/1997	1869	20	0.00	0.00		P	G	MO-804
137A	71170	NY	N03	E42	35	SE NW	CONVERSE CONSULTANTS	12/19/1997	1869	20	0.00	0.00		P	G	MO-804
137A	71171	NY	N03	E42	35	SE NW	CONVERSE CONSULTANTS	12/19/1997	1869	20	0.00	0.00		P	G	MO-804
137A	32278	NY	N03	E42	35	SW NW	UNOCAL CORP	9/14/1988	1589	31	26.00	4.00		N	G	

137A	32279	NY NO	3 E	E42	35	SW NW	UNOCAL CORP	9/13/1988	1589	30	13.00	4.00	N	G	
137A	32280	NY NO	3 E	E42	35	SW NW	UNOCAL CORP	9/14/1988	1589	20	10.50	4.00	N	G	
						_ , , ,	UNOCAL CORP				10.00	4.00	N	G	
137A	32282	NY NO	3 E	E42	35	SW NW	UNOCAL CORP	9/14/1988	1589	20	10.00	4.00	N	G	

### **APPENDIX G**

Asbestos/Lead-Based Paint/Indoor Air Quality Survey



#### Reno Office

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- | Hydrogeology
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### ASBESTOS CONTAINING MATERIAL INSPECTION, LEAD-BASED PAINT ASSESSMENT AND FUNGAL AIR SAMPLING ASSESSMENT

### Tonopah Convention Center 301 Brougher Avenue Tonopah, Nevada

### Prepared for:

State of Nevada
Department of Conservation and Natural Resources
Division of Environmental Protection
Bureau of Corrective Actions
901 S. Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

June 24, 2011

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5.	CON	CLUSIONS/RECOMMENDATIONS
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### 1. INTRODUCTION

McGinley and Associates, Inc. (MGA) is pleased to submit this report that summarizes the results of an asbestos containing material (ACM) inspection, a lead-based paint (LBP) assessment and a fungal air sampling assessment at the Tonopah Convention Center located in Tonopah, Nevada. These assessment activities are being funded by the State of Nevada Brownfields program.

### 1.1 Site Location

The site is located at 301 Brougher Avenue in Tonopah, Nevada. The building is currently utilized as a convention center, a banquet room, and by small groups that utilize the conference/meeting rooms.

### 1.2 Background

In the 1940's a portion of the building which exists today was constructed and utilized by the U.S. Government, in the 1950's and 1960's the building was transformed into a roller skating rink, and in 1968 a major renovation project occurred and the building became the Tonopah Convention Center.

### 2. ASBESTOS CONTAINING MATERIAL INSPECTION

### 2.1 ACM Inspection Activities

On June 1 & 2, 2011, an EPA accredited, and State of Nevada licensed asbestos inspector from MGA conducted an asbestos inspection in the above referenced building. Fifteen (15) representative bulk samples were collected of materials identified to have the potential to contain asbestos.

Suspect materials that were sampled during this inspection included; drywall, taping mud, wall texture, vinyl floor tile with mastics, vinyl sheet flooring with mastics, leveling compound, spray acoustic ceiling texture, roofing materials and ceiling tile.

The inspection was conducted in accordance with accepted EPA and OSHA regulations. All samples collected were submitted under approved chain-of-custody protocol, and analyzed at Asbestos TEM Laboratories, Inc., in Sparks, Nevada. The suspect ACM samples were analyzed for asbestos fibers utilizing Polarized Light Microscopy (PLM). The laboratory analytical reports and the chain of custody record are attached in Appendix A.

### 2.2 Asbestos Analytical Results

In accordance with OSHA 29 CFR 1926.1101 and NESHAPS 40 CFR 61.141 the definition of an asbestos containing material is "any material which contains more than one percent asbestos by weight".

Analytical results indicated that six of the fifteen bulk samples that were collected during this inspection, were positive for containing asbestos in excess of one percent. Table 1 below, summarizes positive materials identified, sample locations and asbestos content. The remaining samples that were collected during this investigation were "none detected" for containing asbestos.

# Table 1 Asbestos Containing Material Results Tonopah Convention Center 301 Brougher Avenue Tonopah, Nevada

Sample No. / Material	Sample Location	Asbestos %/Type
BRN003-ACM-1A/ Red Sheet Flooring	Banquet Room – South Bar	10-20% Chrysotile
BRN003-ACM-1B/ Beige Mastic	Banquet Room – South Bar	1-5% Chrysotile
BRN003-ACM-2A/ Brown Sheet Flooring	Banquet Room – North Bar	5-10% Chrysotile
BRN003-ACM-2B/ Orange Mastic	Banquet Room – North Bar	1-5% Chrysotile
BRN003-ACM-3B/ Black Floor Tile Mastic	Kitchen	1-5% Chrysotile
BRN003-ACM-8/ Wall Joint Compound	Banquet Room – North Bar Wall	1-5% Chrysotile
BRN003-ACM-11/ Wall Joint Compound	Southeast Conference Room  – Above Ceiling Tile	1-5% Chrysotile
BRN003-ACM-15D/ Roofing Felt	West Roof	30-40% Chrysotile

These sample results are limited to the materials that were identified and sampled during this inspection.

### 3. LEAD-BASED PAINT SAMPLING ASSESSMENT

### 3.1 LBP Inspection Activities

On June 1 & 2, 2011, an inspector conducted a LBP assessment of suspect painted surface coatings at the building. A total of three samples of paint chips were collected from within the building, and one paint chip sample was collected from the northwest corner exterior of the building during this assessment.

The samples were submitted under approved chain-of-custody protocol, and analyzed at the Berkley, California offices of Asbestos TEM Laboratories, Inc. The suspect lead-based paint chip samples were analyzed for lead content by utilizing Atomic Absorption Spectroscopy (AAS). The laboratory analytical report and chain of custody record are provided in Appendix B.

### 3.2 Lead-Based Paint Analytical Results

The Nevada Division of Industrial Relations and the EPA definition of lead-based paint is when paint contains 0.5 percent (5000 mg/kg) or greater, lead by weight.

Analytical results of the paint chip samples that were collected during this assessment indicated that all four samples contained well less than 0.5%.

### 4. FUNGAL INSPECTION AND AIR SAMPLING ASSESSMENT

### 4.1 Visual Fungal Inspection

On June 1 & 2, 2011, an inspector from MGA conducted a visual fungal inspection within the Tonopah Convention Center. As a result of conducting this inspection, no visible fungal growth was identified, however, a water leak was identified at the south bar area in the banquet room. The water leak appeared to be originating from a stainless steel sink, and was traveling across the vinyl sheet flooring and under the carpet located to the south of the bar area. As a result, a strong "musty odor" was detected and obvious swelling of the wooden flooring materials was noted. Other than various water stained ceiling tiles from minor roof leaks, no other areas of water intrusion were identified within the building.

### 4.2 Fungal Air Sample Collection

On June 2, 2011, an air sampling professional from MGA conducted a fungal air sampling assessment within the Tonopah Convention Center. The purpose for conducting this assessment was to quantify fungal spore levels and identify fungal spore types that were present within the building.

The air sampling event was conducted by calibrating a "BioPump" air sampling pump to operate at a flow rate of 15 liters per minute (LPM), fitting the pump with spore trap air sampling cassettes which collect fungal spores present in the air, and operating the pump for a five minute sampling periods. Four air samples were collected during this sampling event. One sample was collected outside of the building (west side) to determine

background or "naturally occurring" fungal spores in the outside air, one sample was collected from the south bar area of the banquet room, one sample was collected from within the kitchen, and one sample was collected at the front lobby. The air samples were submitted under approved chain-of-custody protocol, and analyzed at Natural Link Mold Lab, in Reno, Nevada. The spore trap cassettes were analyzed by Fungal Microscopic Examination (FME). The laboratory analytical reports and the chain of custody record are provided in Appendix C.

### 4.3 Fungal Air Sampling Analytical Results

Currently OSHA, NIOSH, the EPA, nor any other regulatory agency have established permissible exposure levels, recommended exposure limits, or other limit values for aeroallergens. Interpretation of ambient airborne fungal spore analytical results is achieved by comparing indoor airborne fungal spore concentrations to outdoor fungal spore concentrations. In the event total indoor fungal spore levels are significantly higher than the levels outside of the building, or if the genera profile of spores in the indoor air samples are not consistent with the outdoor genera profile of fungal spores, this could indicate the presence of active fungal contamination and amplification inside of the building.

A summary table provided on the following page, summarizes the sample numbers, sample locations, fungal spore identification and sample concentrations.



### **Summary Table**

Fungal Microscopic Examination Bioaerosol, non-culturable

Account Name McGinley & Associates, Inc.

Project/P.O.: Tonopah Convention Center / BRN003

Date Reported 06-20-2011 Control # 26118

					I			
Fungi ID	Spores / cubic meter	% of total						
Ascospores							27	50 %
Basidiospores					130	27 %		
Chaetomium			13	1 %				
Cladosporium			130	15 %			27	50 %
Microascus	13	2 %						
Penicillium/Aspergillus	670	96 %	590	67 %	320	67 %		
Smuts/Myxomycetes	13	2 %	150	17 %	27	6 %		
1								
T. T								
								1
	696		883		477		54	+

Natural Link MOLD LAB, Inc., 4900 Mill Street, Suite 3, Reno, NV 89502

Report # 26118-R01A

Page 1 of 1

### 5. CONCLUSIONS/RECOMMENDATIONS

As a result of information obtained from conducting this asbestos inspection; vinyl sheet flooring with mastic, floor tile mastic, wall/ceiling joint compound and roofing materials were identified to contain greater than 1% Chrysotile asbestos at this building.

Prior to the disturbance of these materials, MGA recommends that the following procedures are acknowledged in order to maintain EPA, State of Nevada OSHA and federal OSHA regulatory compliance, and reduce liability and health concerns:

- All materials which were identified to contain greater than 1% asbestos should be removed from the Tonopah Convention Center building prior to any renovation projects commencing which would disturb these materials.
- A certified asbestos abatement contractor licensed in the State of Nevada should be contracted to perform all activities involving the removal or disturbance of materials which contain greater than one percent asbestos. All abatement work should be done in strict accordance with applicable Federal, State and local regulations.
- Notification to the EPA and State of Nevada OSHA, which regulate the removal
  of asbestos, should be performed by an asbestos abatement contractor (if
  required).
- A certified asbestos consultant licensed in the State of Nevada should be contracted to conduct perimeter air monitoring and project oversight during the removal of all ACM, and final clearance air sampling assessments after the asbestos abatement is complete.

As a result of information obtained from conducting this LBP assessment, the analytical results indicated that the lead content in the paint chip samples were less than the Nevada Division of Industrial Relations and EPA's definition of lead-based paint. Therefore, no painted surfaces within the building will need to be treated as LBP.

Analytical results from the fungal air sampling event indicated that Penicillium/ Aspergillus fungal spore levels were moderately elevated in all interior air samples. These elevated fungal spore levels may be due to the water leak that was identified in the banquet room south bar area, or there may be additional sources of water intrusion or fungal growth which may require further investigation and/or sampling. The water leak which was identified at the south bar area of the banquet room should be repaired, and all materials which were impacted by the water intrusion event should be removed. All remaining materials which have fungal growth present should be treated with a bleach solution or other fungicide until all visible growth and staining has been removed. High efficiency particulate air (HEPA) filters should be used during the remediation of all fungal contaminated materials, and a post remediation air sampling assessment should be conducted upon completion of fungal remediation activities.

### 6. LIMITATIONS

MGA is not responsible for any claims or damages associated with the interpretation of information provided during this inspection. This report should not be regarded as a guarantee that no further lead-based paint, asbestos containing materials or fungal growth exists beyond that which was suspected, visually inspected and/or sampled during this inspection. In addition, asbestos and lead may not be distributed evenly throughout a particular material and MGA cannot guarantee that all materials sampled are exactly as represented throughout the entire building. In the event renovation or demolition activities uncover materials that were previously hidden or inaccessible during the time of this inspection, then additional sample collection and analysis may be required. In the event materials that were previously hidden or inaccessible during the time of this inspection are disturbed and an exposure occurs, MGA shall be held harmless and will not be responsible for any claims made, financial or otherwise.

The conclusions and recommendations presented above are based upon the agreed scope of work outlined in the above report. MGA makes no warranties or guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information, which is not available to MGA at the time of writing the Report, may result in a modification of the conclusions and recommendations presented. The services performed by MGA have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion, but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney-client communication or as an attorney work product.

This report has been prepared for the sole use of the addressee of this report, and cannot be released without consent from MGA. If a third party relies on the information provided in this report, MGA accepts no responsibility for damages suffered by the third party as a result of reliance of information contained in this report, and that nothing contained in this report shall create a contractual relationship or cause the third party to bring suit against MGA.

### 7. CLOSURE

We appreciated the opportunity to provide this service for the State of Nevada – Division of Environmental Protection. Should you have any questions regarding the contents of this report, or need additional information, please contact us at your convenience.

Respectfully Submitted,

McGinley and Associates, Inc.

Gene E. Johnson

Nevada Asbestos Consultant License No. IJPM0604

### **APPENDIX A**

**ACM Analytical Results and Chain of Custody Record** 

### Accredited by U.S. Dept. of Commerce

Lab ID # 9029-00417-006

### POLARIZED LIGHT MICROSCOPY

### ANALYTICAL REPORT

NVLAP Lab Code 200104-0 EPA Method 600/R-93/116 or 600/M4-82-020 Page: 1 of 3

Samples Indicated: 15 Report No. 116902 Contact: Mr. Joe McGinley Reg. Samples Analyzed 15 Date Submitted: Jun-14-11 Address: McGinley & Associates Split Layers Analyzed: Date Reported: Jun-17-11 815 Maestro Drive Job Site / No. Tonopah Convention Center Reno, NV 89511 BRN003 OTHER DATA DESCRIPTION 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected SAMPLE ID ASBESTOS FIELD 3) Date/Time Collected 4) Date Analyzed TYPE LAB Red Vinyl Sheet Flooring / Mastic, Banquet Room 1) N one Detected BRN003-ACM-1. South Bar 2)80-90% Calc, Bndr, Other m.p. 10-20% Chrysotile Sheet Floor/Backing-Red Lab ID # 9029-00417-001A 4) Jun-16-11 Red Vinyl Sheet Flooring / Mastic, Banquet Room 1)<1% Cellulose BRN003-ACM-1. 2) 95-99% Calc, Gyp, Other m.p. 1-5% Chrysotile Lab ID # 9029-00417-001B Mastic-Beige 4) Jun-16-11 1) 10-20% Cellulose Brown Vinyl Sheet Flooring / Mastic / Leveling BRN003-ACM-2. 2) 70-85% Plast, Calc, Other m.p. Compound, Banquet Room - North Bar Chrysotile 5-10% Lab TD # 9029-00417-002A Sheet Floor/Backing-Brown 4) Jun-16-11 1)<1% Cellulose Brown Vinyl Sheet Flooring / Mastic / Leveling Compound, Banquet Room - North Bar BRN003-ACM-2. 2) 95-99% Calc, Gyp, Other m.p. 1-5% Chrysotile Lab ID # 9029-00417-002B Mastic-Orange 4) Jun-16-11 1)<1% Cellulose Brown Vinyl Sheet Flooring / Mastic / Leveling BRN003-ACM-2. ompound, Banquet Room - North Bar 2) 100-100% Gyp, Calc, Other m.p. None Detected Lab ID # 9029-00417-002C LevelCmpd-Off-White 4)Jun-16-11 1)<1% Cellulose 12 x 12 Floor Tile / Mastic, Kitchen Floor BRN003-ACM-3. 2) 100-100% Plast, Qtz, Calc None Detected Lab ID # 9029-00417-003A Floor Tile-Off-White 4) Jun-16-11 2 x 12 Floor Tile / Mastic, Kitchen Floor 1) N one Detected BRN003-ACM-3. 2) 95-99% Tar, Bndr, Calc, Other m.p. Chrysotile 1-5% 4)Jun-16-11 Mastic-Black Lab ID # 9029-00417-003B 1)30-50% Cellulose, Fiberglass 2'x 4' Ceiling Tile, Banquet Room - West Bar BRN003-ACM-4. 2) 50-70% GlassFoam, PlastFoam, None Detected Other m.p. Lab ID # 9029-00417-004 Ceiling Tile-Tan 4)Jun-16-11 1)20-30% Cellulose 2'x 4' Ceiling Tile, Southeast Conference Room BRN003-ACM-5. 2) 70-80% Glass foam, Plast foam, Other m.p. None Detected Ceiling Tile-Tan Lab ID # 9029-00417-005 4)Jun-16-11 2'x 4' Ceiling Tile, Banquet Room - Northeast 1)30-50% Cellulose,Fiberglass BRN003-ACM-6. 2) 50-70% GlassFoam, PlastFoam, Other m.p. None Detected

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Ceiling Tile-Tan

41Jun-16-11

Lab Manager \_ Dottie Guilbert \_ Analyst \_ Dottie Guilbert \_ Dottie Guilbert

ASBESTOS TEM LABORATORIES, INC. 1350 Freeport Blvd., Unit 104, Sparks, NV 89431 (775) 359-3377

With Main Office in Berkley, CA (510) 704-8930 (775) 359-3377

## Accredited by U.S. Dept. of Commerce NVLAP Lab Code 200104-0

### POLARIZED LIGHT MICROSCOPY

### ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page:

 $\underline{2}$  of  $\underline{3}$ 

Contact: Mr. Joe McGinley		Samples In	dicated: es Analyzed	15 15	Report No.	116902		
Address: McGinley & Asso	ciates	Reg. Sampi Split Layers		9	Date Submitted:			
815 Maestro Driv		W 42 W	200	70	Date Reported:	Jun-17-11		
Reno, NV 89511		Job Site / N	o. Tonopah C BRN003	Convention Cente	r			
CAMPLE		AGDEGEOG		CR DATA sbestos Fibers Materials	DESCRIPTION			
SAMPLE ID	%	ASBESTOS TYPE	3) Date/Ti 4) Date A	ime Collected	I LAB			
BRN003-ACM-7.		None Detected	1)90-95% Cellu 2) 5-10% Calc, C	lose	12' x 12' Spline Ceili Above Sample #4	ng Tile, Banquet Room -		
Lab ID # 9029-00417-007			3)	4) Jun-16-11	Ceiling Tile-Tan	3		
BRN003-ACM-8.	<1%	Chrysotile	1)1-5% Cellulos 2) <sup>95-99%</sup> Gyp,	e Other m.p.	Joint Compound - Da North Bar Wall	ywall, BanquetRoom -		
Lab ID # 9029-00417-008			3)	4) Jun-16-11	Drywall/JC (com	o)-Off-White, JC 1-5%		
BRN003-ACM-9.		None Detected	1) 5-10% Cellulo 2) 90-95% Calc,		Texture / Joint Comp Room - Meris Bathro	oound - Drywall, Banquet oom - Water Closet		
Lab ID # 9029-00417-009			3)	<b>4)</b> Jun-16-11	Drywall/JC (com	o)-Off-White		
BRN003-ACM-10.		None Detected	1)<1% Cellulos 2) 100-100% Ca	e 1c, Other m.p.	Wall Texture / Joint Banquet Room - Wo	C ompound - Drywall, meris Bathroom		
Lab ID # 9029-00417-010A			3)	4) Jun-16-11	Texture-Off-Whit	e		
BRN003-ACM-10.		None Detected	1)10-20% Cellu 2)80-90% Celc,		Wall Texture / Joint Banquet Room - Wo	C ompound - Drywall, meris Bathroom		
Lab ID # 9029-00417-010B			3)	<b>4)</b> Jun-16-11	Drywall/JC (comp	o)-Off-White		
BRN003-ACM-11.	<1%	Chrysotile	1)1-5% Cellulos 2)95-99% Gyp,		Joint Compound - Di Room - Above Ceilin	ywall, Southeast Conference ng Tile		
Lab ID # 9029-00417-011A			3)	<b>4)</b> Jun-16-11	Drywall/JC (com	o)-Off-White, JC 1-5%		
BRN003-ACM-12.		None Detected	1)<1% Cellulos 2) 100-100% Ca		Wall Texture /Joint ( Men's Bathroom	Compound - Drywall, Lobby -		
Lab ID # 9029-00417-012A			3)	<b>4)</b> Jun-17-11	Texture-Off-Whit			
BRN003-ACM-12.		None Detected	1)5-10% Cellulo 2)90-95% Calc,		Wall Texture Joint ( Men's Bathroom	Compound - Drywall, Lobby -		
Lab ID # 9029-00417-012B			3)	<b>4)</b> Jun-17-11	Drywall/JC (comp	o)-Off-White		
BRN003-ACM-13.		None Detected	1)<1% Cellulos 2) 100-100% Ca m.p.	e 1c, PlastFoam, Other	Spray Acoustic Ceili Stage Ceiling	ng Texture, Banquet Room -		
Lab ID # 9029-00417-013	14		3)	<b>4)</b> Jun-17-11	Acoustic Calling-	34		
BRN003-ACM-14.		None Detected	1)<1% Cellulos 2) 100-100% Ca m.p.	e 1c, PlastFoam, Other	Spray Acoustic Ceili Center of Dance Floo	ng Texture, Banquet Room - or		
Lab ID # 9029-00417-014			3)	4)Jun-17-11	Acoustic Ceiling-	Off-White		

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager _	Dottee Gulle	A	Analyst_	Dolle Gulla	ut-
	Dottie Guilbert		a	Dottie Guilbert	
				NAME OF THE PARTY	

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With Main Office in Berkley, CA (510) 704-8930

### Accredited by U.S. Dept. of Commerce

### POLARIZED LIGHT MICROSCOPY

### ANALYTICAL REPORT

NVLAP Lab Code 200104-0 EPA Method 600/R-93/116 or 600/M4-82-020 Page: 3 of 3

Samples Indicated: 116902 Report No. Contact: Mr. Joe McGinley Reg. Samples Analyzed 15 Date Submitted: Jun-14-11 Address: McGinley & Associates Split Layers Analyzed: Date Reported: Jun-17-11 815 Maestro Drive Job Site / No. Tonopah Convention Center Reno, NV 89511 BRN003 OTHER DATA DESCRIPTION 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected SAMPLE ID ASBESTOS FIELD TYPE LAB 4) Date Analyzed Asphalt Roofing Shingles / Felt, West Roof 1)10-20% Fiberglass BRN003-ACM-15. 2) 80-90% Qtz, Tar, Paint None Detected Shingle-Black Lab ID # 9029-00417-015A 4) Jun-17-11 1)30-40% Cellulose Asphalt Roofing Shingles / Felt, West Roof BRN003-ACM-15. 2) 60-70% Tar, Qtz, Paint None Detected Lab ID # 9029-00417-015B Shingle-Black 4) Jun-17-11 Asphalt Roofing Shingles / Felt, West Roof 1)60-70% Cellulose BRN003-ACM-15. 2)30-40% Tar None Detected Lab ID # 9029-00417-015C Roofing Felt-Black 4) Jun-17-11 1) None Detected Asphalt Roofing Shingles / Felt, West Roof BRN003-ACM-15. 2) 60-70% Tar, Other m.p. 30-40% Chrysotile Roofing Felt-Black Lab ID # 9029-00417-015D 3) 4) Jun-17-11 21 Lab ID# 4) 1) 3) 4) Lab ID# 1) 2) 3) 4) Lab ID# 1) Lab ID# 3) 4) 1) Lab ID# 3) 4) 1) 2) Lab ID#

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager \_ Dottie Guillert \_ Analyst \_ Dottie Guillert \_ Dottie Guillert

ASBESTOS TEM LABORATORIES, INC. 1350 Freeport Blvd., Unit 104, Sparks, NV 89431 (775) 359-3377

With Main Office in Berkley, CA (510) 704-8930 (775) 359-3377

# **McGinley & Associates**

815 Maestro Drive

Reno, NV 89511 Ph: (775) 829-2245 Fax: (775) 829-2213

TEM Lead

## \*\*\* BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTODY REPORT \*\*\* Analysis Type: PLM Point Count

	Turn	around: 4-hrs	8-hrs 24-hrs	3 Days	
Job S	Site: TOYOPAH (	MYENTON	CENTER	Job No: BRND	03
P.O.	#:	_Contact person			
					,
Sample number				Description	
BENDO3-ACM-1	BANQUET ROOM	-South BAR	les Vivy/ Shee	+ Flooring Lange	Tic.
DOYUUS-HOTI-L	BANQUET Kom-	North Roal	Sound Nindel	et The IMani	12.1.1
CKINUD MUIIT	KITCHEN FU	200	17 X 17 5/	77/2 / 200	Develly com
BENOUS-ACM-4	BANGUET ROOM-U	NesT BAR	2'X4' (611.	on Tile	
MANUUS HUIFS	Doutheast Louis	Greve Passa	2 VU' (5.	- T-1-	
BRNOU3-ACM-6	Banquet Room-Nor	Hear Gent	244 /64	TIE	
BRNU03-ACM-7	BANGUET ROOM - ABO	ve Samplety	12"412" 50	INE CEILING TI	1-
BENDO3-ACM-8	BANGUET ROOM-No	the BAR WALL	Tout Com	pound-Daywall	1/4
BRN003 Acm-9	BANGuet From- News	BATHENDA	tec Chest	Texture / Joint C	. / 0.
BENDO3 ACM-10	BANGUET LOOM Who	rais Barnen	11/2// 7	stere / Joint Co	expound - Wagen
BRNOB3ACM-11	Southeast Conference	Rom Aure 16	Tile	Joint Compound	mpiend Deju
BENOO3 ACM-12	LDRRY-Mexic A	Partena	1411 77.1	/ Joint Compound	DRY well
BENDOZ-ACM-13	Baranet Pom - S	tou Can	Som A	TIC CELLING TEX	1-DRywall
BOND 3 ACT-14	Barund Pora-lance	I Ante Com	DARAY HOUS	TIC CEILING TEX	ture
BANDB-AM-15	MEG P.	ON CHARLE FLOOR S	LAY ACOUS	TIC Selving TE	xoure
DATO (17-11-15)	West Kosi-		SHANT ROOF	of Shingles / Fel.	+
			····		
				,	
Special Instructions					
Relinq	uished By	Date / Time	Re	ceived By	Date / Time
Name/Company Gene E.	Johnson/MGA	6-14-11	Name/Company Total	the Guilbert / ATEM	
Signature Ly	E Show	2:58Pm	Signature Politic	benilles	458
Name/Company			Name/Company	The state of the s	700
Signature			rvanie/Company		. 1

# **APPENDIX B**

LBP Analytical Results and Chain of Custody Record

#### ATOMIC ABSORPTION SPECTROSCOPY LEAD PAINT ANALYSIS REPORT

EPA 3050B (modified) Digestion / EPA 7420 (modified) Analysis Methods

Page: 3 of 3 Report No.: 302513 Contact: Gene Johnson Samples Submitted: Date Submitted: Jun-15-11 Samples Analyzed: 4 Address: McGinley & Associates Date Reported: Jun-21-11 815 Maestro Drive Job Site / No. Tonopah Convention Center Reno, NV 89511 BRN003 SAMPLE REPORTING METAL SAMPLE ID LOCATION / DESCRIPTION RESULT LIMIT HVAC Room wall - white paint BRN003-PS-1 55 Pb mg/kg mg/kg Sampling Date Jun-14-11 Analysis Date Analyzed Weight (g) Lab ID # 1358-00003-001 0.006% 0.006 % Kitchen wall - tan paint BRN003-PS-2 47 1100 Pb mg/kg mg/kg Sampling Date Analysis Date Analyzed Weight (g) Lab ID # 1358-00003-002 0.110% Jun-14-11 0.005 % Jun-21-11 0.2143 SE Conference room - beige/cream paint BRN003-PS-3 46 Pb mg/kg mg/kg Sampling Date Analysis Date Analyzed Weight (g) Lab ID # 1358-00003-003 0.005 % Jun-14-11 0.005 % Jun-21-11 0.2153 Exterior, NW corner - light brown/tan paint BRN003-PS-4 46 Pb mg/kg mg/kg Sampling Date Analysis Date Analyzed Weight (g) Lab ID # 1358-00003-004 0.005 % 0.005 % Jun-14-11 Jun-21-11 0.219 Sampling Date Analyzed Weight (g) Analysis Date Lab ID# Sampling Date Analysis Date Analyzed Weight (g) Lab ID# Sampling Date Analyzed Weight (g) Analysis Date Lab ID# Sampling Date Analysis Date Analyzed Weight (g) Lab ID# Sampling Date Analysis Date Analyzed Weight (g) Lab ID# Sampling Date Analysis Date Analyzed Weight (g) Lab ID# 1% = 10,000 ppm 1ppm = 1 mg/Kg цg - micrograms

JO ER MY Lab QC Reviewer Analyst R. Mark Bailey Jane Zhang

ASBESTOS TEM LABORATORIES, INC. www.asbestostemlabs.com

630 BANCROFT WAY, BERKELEY, CA 94710 With Offices in Reno (775) 359-3377

(510) 704-8930

# **McGinley & Associates**

815 Maestro Drive

Reno, NV 89511

Turnaround: 4-hrs

Analysis Type: PLM

TONOPAU CONVENTION

Ph: (775) 829-2245

Fax: (775) 829-2213

TEM Lead

CENTER Job No: BRNO03

24-hrs 2-3 Days

### \*\*\* BULK SAMPLE SUBMISSION FORM / CHAIN-OF-CUSTQDY REPORT \*\*\*

Point Count

8-hrs

P.O. #	#:C	Contact person:		_
C				
BEN 003-PS-1	HVAC Room	1/0//	White Paint	
BONNO OF A	Kitchen h		TAN PAINT	
ROMANZ D. 2	KACHEN W	211	Rein les Din	
APNIONS ALL	Southers Coun	SENCE FIN	Beige Ileer Paint Light Brown/TAN PAINT	
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Special Instruction	nc.			
special flisti uction	15.		The state of the s	
Relin	quished By	Date / Time	Received By	Date / Time
Name/Company Gene E. Johnson/MGA.		6-14-11	Name/Company Dottie Guilbest/ATEM	6-14.11
Signature Je	re & Geloson	2:57pm	Signature Potter Grulley	1457
Name/Company	-		Name/Company	
Signature	06-15-1	1 A09:24 IN	Signature	

# **APPENDIX C**

Fungal Air Sampling Analytical Results and Chain of Custody Record



Fungal Microscopic Exam Bioaerosol, non-culturable

Account Name: McGinley & Associates, Inc.

Control ID #: 26118

Project PO: Tonopah Convention Center / BRN003 Date Received: 06-14-2011
Submitter: Gene Johnson Date Reported: 06-20-2011

Sample Identification: BRN003-AS-1, By south bar; Allergenco-D Spore-trap; 75L; 6/3/2011 [S98280AA70082]

Fungi Identified	Sample Count (spores/sample)	Calculated Count (spores/m <sup>3</sup> )
Penicillium/Aspergillus	50	670
Microascus	1	13
Smuts/Myxomycetes	1	13
TOTAL	52	696
Other Airborne Particles	Detected /None Detected	Particle Density (1-5)
Hyphal fragments	None Detected	
Pollen	None Detected	
Insect/arthropod parts	Detected	
Fiberglass particles	None Detected	
Total biological particles		3
Total non-biological particles		3

#### **Summary of Findings**

· Dominant fungal spores detected on the sample: Penicillium/Aspergillus.

· Sensitivity: 13 spores/cubic meter.

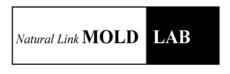
• See Summary Table (26118-R01A).

Report #:26118-R01 Analysis Date: 06-20-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director

Sean Alsolt

Natural Link MOLD LAB, Inc. reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, health effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB, Inc. Natural Link MOLD LAB, Inc. Statural Link MOLD LAB, Inc. Statural Link MOLD LAB, Inc. Statural Link Mold Lab and the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB, Inc.



Fungal Microscopic Exam Bioaerosol, non-culturable

Account Name: McGinley & Associates, Inc. Control ID #: 26118

Project PO: Tonopah Convention Center / BRN003 Date Received: 06-14-2011
Submitter: Gene Johnson Date Reported: 06-20-2011

Sample Identification: BRN003-AS-2, Kitchen; Allergenco-D Spore-trap; 75L; 6/3/2011 [S98281AA70083]

Fungi Identified	Sample Count (spores/sample)	Calculated Count (spores/m <sup>3</sup> )
Penicillium/Aspergillus	44	590
Smuts/Myxomycetes	11	150
Cladosporium	10	130
Chaetomium	1	13
TOTAL	66	883
Other Airborne Particles	Detected /None Detected	Particle Density (1-5)
Hyphal fragments	None Detected	
Pollen	None Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	None Detected	
Total biological particles		3
Total non-biological particles		3

#### **Summary of Findings**

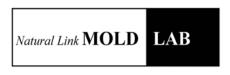
- · Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
  - · Clusters/chains of up to 5 spores detected; clusters/chains may be an indicator of growth near this site.
- · Sensitivity: 13 spores/cubic meter.
- · See Summary Table (26118-R01A).

Report #:26118-R01 Analysis Date: 06-20-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director

Sam Alsott

Natural Link MOLD LAB, Inc. reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, health effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB, Inc. Natural Link MOLD LAB, Inc. Stabilishes responsibility over analysis completed in the field by the client, other personnel associated with the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB, Inc.



Fungal Microscopic Exam Bioaerosol, non-culturable

Account Name: McGinley & Associates, Inc.

Control ID #: 26118

Project PO: Tonopah Convention Center / BRN003 Date Received: 06-14-2011
Submitter: Gene Johnson Date Reported: 06-20-2011

Sample Identification: BRN003-AS-3, Lobby; Allergenco-D Spore-trap; 75L; 6/3/2011 [S98282AA70084]

Fungi Identified	Sample Count (spores/sample)	Calculated Count (spores/m³)		
Penicillium/Aspergillus	24	320		
Basidiospores	10	130		
Smuts/Myxomycetes	2	27		
TOTAL	36	477		
Other Airborne Particles	<b>Detected /None Detected</b>	Particle Density (1-5)		
Hyphal fragments	Detected			
Pollen	None Detected			
Insect/arthropod parts	None Detected			
Fiberglass particles	None Detected			
Total biological particles		3		
Total non-biological particles		3		

#### **Summary of Findings**

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
- · Sensitivity: 13 spores/cubic meter.
- · See Summary Table (26118-R01A).

Report #:26118-R01 Analysis Date: 06-20-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director

Sam Alsott



Fungal Microscopic Exam Bioaerosol, non-culturable

Account Name: McGinley & Associates, Inc. Control ID #: 26118

Project PO: Tonopah Convention Center / BRN003 Date Received: 06-14-2011
Submitter: Gene Johnson Date Reported: 06-20-2011

Sample Identification: BRN003-AS-4, Outside, west side of bldg; Allergenco-D Spore-trap; 75L; 6/3/2011 [S98283AA70085]

Fungi Identified	Sample Count (spores/sample)	Calculated Count (spores/m <sup>3</sup> )			
Ascospores	2	27			
Cladosporium	2	27			
TOTAL	4	54			
Other Airborne Particles	Detected /None Detected	Particle Density (1-5)			
Hyphal fragments	None Detected				
Pollen	None Detected				
Insect/arthropod parts	None Detected				
Fiberglass particles	None Detected				
Total biological particles		2			
Total non-biological particles		3			

#### **Summary of Findings**

- · Dominant fungal spores detected on the sample: Ascospores and Cladosporium.
- · Low levels of fungal spores detected on sample.
- Sensitivity: 13 spores/cubic meter.
  See Summary Table (26118-R01A).

Report #:26118-R01 Analysis Date: 06-20-2011

Laboratory Results authorized by Sean P. Abbott, Ph.D., Analytical Director

Sam Alast

Natural Link MOLD LAB, Inc. reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, beath effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB, Inc. Natural Link MOLD LAB, Inc. establishes responsibility over analysis completed in the field by the client, other personnel associated with the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB, Inc.

Chain-of-Custody Form  Account name Mc Ginley & Associates	n 2				Natur	ral Lin		fill Streetite 3	
Project / P.O. BENDO3 - TONOPAH CONVENTION GENTLE Phone	GENE	= \	Jo.	HW-	con	/	(866) 2 (866) 252- Phone (7' Fax (7' info@naturallink	MO: (5) 356- (5) 356-	-6653 -6639
Sample identification, description, and/or location	Sample			nalysis	*		Alternative / additional	_	USH 7
BRN003-AS-1 By South Bas	volume	FME	NFME	FC	BC	EC	analysis requested:	24hr	
Aguara As a	75	X							
BLN003-AS-2 Kitchen	75	X						1	$\vdash$
BLNOO3 AS-3 LOBBY	75	V		$\neg$				+	$\vdash$
BRN003. AS-4 OUTSIDE WEST Sine of RIDA	3000	<b>\( \)</b>	-+	$\dashv$		$\dashv$			
BRN003. AS-4 Outside West Side of Bldg	75	X							
					- 1	1			
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									-
(*) FME, Fungal Microscopic Examination NFME, Non-Fungal M	iovanania Eu								
Submitter's Date 61/41 (1)	icroscopic Ex	am ,	FC. Fu	agai Cu	dture -	- BC, I	Bacterial Culture EC, E.coli (	oliforms	s) ID
Signature Time 3:13 and	Receiver's Signature		5/1	1/2 1	163	1/1		1.141	II
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Page _ of _			N	noral I	-1.140				
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# **APPENDIX H**

Resumes



# Brett C. Bottenberg, M.S., C.E.M Environmental Specialist

#### **Professional Experience**

Mr. Bottenberg is an Environmental Scientist and Engineer with more than 10 years of professional experience in conducting Phase I and II Environmental Site Assessments, NEPA reviews, complex laboratory analysis, and analytical data review. Applied experience includes conducting over 350 Phase I ESAs and NEPA reviews throughout Nevada and Arizona. Mr. Bottenberg's diverse background provides project management experience in both the regulatory and construction industries. Further, Mr. Bottenberg has valuable knowledge pertaining to contaminant transport, chemical interactions, mineralogy, and remediation systems.

## **Project Experience**

Environmental Site Assessment and NEPA Review Projects

- Confidential Corporate Client, numerous sites within Nevada Project Manager responsible for providing Phase I Environmental Site Assessments and NEPA Reviews for cellular co-location and new construction projects throughout the State of Nevada. Responsible for communication with SHPO and Native American Cultural Groups in order to comply with Section 106 of the National Historic Preservation Act, Federal Communications Commission (FCC) regulations 47 CFR 1.1301-19 and the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas (PA).
- Confidential Corporate Clients, numerous sites within Nevada Project Manager responsible for providing due diligence expertise within the banking industry. Managed and authored over 250 Phase I Environmental Site Assessments and Transaction Screen Assessments for various banks located locally in Las Vegas and throughout the west coast.
- Confidential Corporate Client, Las Vegas, NV Project manager responsible for sampling for lead based paint within Section 8 apartment housing in downtown Las Vegas.

Laboratory Analysis and Data Review Projects

- Silver State Analytical Laboratory, Las Vegas, NV Co-founder of a large environmental laboratory in Las Vegas, NV. Provided expert knowledge of laboratory analysis, including the use of gas chromatography, gas chromatography mass spectrometry, titrations, colorimetric analysis, and atomic absorption. Responsible for regulatory documentation necessary to be certified in the State of Nevada.
- Nevada Federal Public Defenders Office, Las Vegas, NV Helped provide expert analysis
  of chain of custody, sampling protocol, and laboratory data for the District of Nevada Federal
  Public Defender in a case involving the prosecution of the owners of a small metals plating
  business in Las Vegas, NV. Was able to provide valuable information to the Public Defender in
  their successful defense.



- Washington State University, Pullman, WA Research Assistant responsible for design and implementation of laboratory projects studying the effectiveness of chemical oxidation for remediation of common soil and groundwater contaminants, including benzene, toluene, perchloroethylene, and carbon tetrachloride. Designed complex soil-water systems with successful results that enabled eventual grant awards for further research in these areas.
- Washington State University, Pullman, WA Masters Thesis. Designed specific laboratory systems to study Fenton's Reagent and its role in the enhanced desorption and transformation of chloroaliphatic compounds within modified Fenton's reactions. Determined that vigorous reactions of soluble iron and hydrogen peroxide can not only oxidize organic compounds, but also induce desorption of those compounds from organic material with subsequent oxidation and/or reduction.

#### Education

M.S., Environmental Engineering, Washington State University, 1997 B.S., Civil Engineering, Washington State University, 1995

#### Certifications and Registrations

Nevada Certified Environmental Manager, EM#1690, Expires October 7, 2011 Engineer in Training, EIT#20066 OSHA Hazwoper 40 Hour Certification 12/29/2010



# Joseph M. McGinley, P.E., P.G., C.E.M. Principal

#### **Professional Experience**

Mr. McGinley is a Professional Engineer (NV), Professional Geologist (CA) and Certified Environmental Manager (NV) with more than 25 years of service to long standing and new clients alike. He has developed experience through a wide range of project types, environmental conditions, and multiple regulatory agency liaisons. Mr. McGinley has a strong background in site characterization, corrective action plan development and in the design and implementation of remedial systems. He is acutely familiar with federal, State and local environmental regulations and has developed a familiar relationship with the administrators of those agencies throughout the West.

## Selected Project Experience

- Phase I Environmental Site Assessments (ESAs) Project Principal responsible for the completion of over 300 Phase I ESAs in Nevada, California, Arizona, Oregon and Utah. Projects performed for governmental agencies, private property owners, non-profit organizations, lending institutions and others.
- BMI Complex and Common Areas, and Las Vegas Wash, Henderson, NV Project Manager responsible for providing technical review services for the assessment and remediation of broad suites of contaminants in soil, groundwater, and surface water.
- University of Nevada, Reno, NV Project Manager responsible for the closure of the former Dodd/Beal fire fighting academy located in Stead, Nevada. Performed site characterization and assessment of the 57 acre parcel followed by the completion of a human health risk assessment to establish Site Specific Target Level (SSTL) for soil remediation. Remedial technologies utilized at this site included air sparging, monitor natural attenuation, bioremediation and vacuum extraction.
- Rocketdyne (Boeing), Spanish Springs, NV Project Principal responsible for providing the design of the remediation of chlorinated solvents and perchlorate at three sites of this former rocket engine test facility.
- Berry Hinckley Industries, various sites, CA and NV Project Principal responsible for the assessment, remediation and state petroleum fund reimbursement procurement at several petroleum product sites.. Services included site assessments, remedial design, and remediation system operation and optimization.
- Gold Ranch Casino, Verdi, NV Project Principal responsible for services including: site assessment, free petroleum product (NAPL) removal, groundwater remediation design and system operations.
- Harrah's Hotel and Casino, Reno, NV Project Principal responsible for the design and oversight of installation of two air stripping units to remove PCE from groundwater as part of perpetual de-watering activities. Each stripping unit was designed to be capable of treating



500 gallons per minute and was permitted to discharge via a NPDES permit to an adjacent surface water body.

- State of Nevada Division of Environmental Protection (NDEP) Project Manager for the administration of the Federal LUST TRUST program for the State of Nevada.
- Crose Properties, Truckee, CA Project Principal responsible for the assessment and remediation activities performed at two former retail gasoline sites.
- Squaw Valley Ski Resort, Squaw Valley, CA Project Principal responsible for the oversight of UST removal activities; site assessments; permitting; corrective action plan preparation; remedial system design, installation, monitoring and reporting.
- **Big Tree Cleaners, Tahoe City, CA** Project Manager responsible for services including: permitting; regulatory liaison; corrective action plan preparation (chlorinated solvent (PCE) contamination); remedial system design, installation, monitoring and reporting.
- Former Allied Washoe Bulk Plants, various sites, CA and NV Project Principal responsible for providing assessment and remediation services for three bulk fuel distribution facilities. Services provided included: contaminated soil excavation; dewatering activities; permitting; regulatory liaison; corrective action plan preparation; remedial system design, installation, monitoring and reporting.
- Elko County School District property, Elko, NV Project Principal responsible for providing services including: contaminated soil excavation; site assessment permitting; regulatory liaison,; corrective action plan preparation and reporting.
- Carson Valley Oil Bulk Plant Project Principal responsible for site assessment and remediation services following a kerosene release at this operating bulk fuel plant. Services performed included site assessment; corrective action plan preparation; remedial system design, installation, monitoring and reporting.
- Winnemucca Farms, Winnemucca, NV Project Principal responsible for providing services including: site assessment; vadose zone monitoring; groundwater flow and contaminant transport modeling performed at an operational potato processing plant.
- Reno Old Town Mall, Reno, NV Project Principal responsible for providing services including: groundwater monitoring; corrective action plan preparation; remedial system design and regulatory liaison for this PCE release site.
- State of Nevada Division of Environmental Protection Project Manager for the administration of the Federal Environmental Mitigation and Assessment program (EMAR), State of Nevada.
- State of Nevada Division of Environmental Protection, Downtown Reno Ground Water Characterization Project, Reno, NV Project Manager responsible for the assessment and characterization of a PCE plume in downtown Reno, Nevada which impacts a potable water supply.



- Cutler Property, Susanville, CA Project Principal responsible for providing services including: site assessment; corrective action plan preparation; and remedial system design for this former gasoline service station.
- State of Nevada Division of Environmental Protection, various sites, Sparks, NV -Project Manager responsible for providing third party review of ground water remediation of petroleum hydrocarbons and chlorinated solvents at the Sparks tank farm and Helms Pit for NDEP and the Washoe County Health District.
- University of Nevada, Reno, various sites, NV Project Manager responsible for the oversight of the removal of 20 USTs; and providing site assessments and remediation system design/installation/operation for these sites, as applicable.
- Western Energetix Corporation, various sites, CA and NV Project Manager responsible for providing services relating to LUST site assessment and remediation activities performed at 15 facilities in Nevada and California. Remedial technologies employed included bioremediation, air sparging, vacuum extraction and ground water pump and treat.
- First Interstate Bank, Reno, NV Project Manager responsible for providing services including the assessment and monitoring of PCE and TCE at this proposed commercial development site.
- ARCO Products, various sites, NV Project Manager responsible for providing site assessments and remedial designs for 12 facilities in northern Nevada.
- Texaco USA, Inc., various sites, NV Project Manager responsible for providing services related to site Assessments and remedial designs for five facilities located in Nevada. Remedial technologies employed included groundwater pump and treat, air sparging, vacuum extraction.
- Nevada Thermal Service, various sites, NV Project Manager provided review of California Title 22 - Hazardous Waste Classification of soils imported to the State of Nevada for over 100 sites.
- Sierra Pacific Power Company, Elko, NV Project Manager providing remedial design utilizing bioventing following UST removal at this facility.
- Regional Transportation Company, Reno, NV Project Manager responsible for oversight of UST removal, upgrade activities, site assessment and remedial actions.
- City of Sparks, Nevada Project Manager responsible for the oversight of the removal of 18 USTs, site assessment activities and remedial actions.
- Dermody Properties, various sites, NV Project Manager responsible for the oversight of UST removal at 10 facilities, site assessment and remedial actions.
- Silver State Trucking, Sparks, NV Project Manager responsible for the design and permitting of free phase (NAPL) petroleum product removal system and groundwater pump and treat system at this truck stop.



- Time Oil Property, Fallon, NV Project Principal responsible for providing services related to a UST petroleum product release at this operating facility including environmental site assessment, regulatory liaison, corrective action plan preparation, remedial system design and report preparation.
- Buggy Bath Car Wash, Reno, NV Project Manager responsible for the design of an insitu vacuum extraction system, groundwater pump and treat and air sparging system at this operating facility in Reno, NV.

#### **Education**

M.S., Civil Engineering, University of Colorado, Boulder, 1983. B.S., Geological Engineering, University of Nevada, Reno, 1980.

## **Certifications and Registrations**

Professional Engineer, Nevada, GEO 7472 Professional Geologist, California, PG 7409 Certified Environmental Manager, Nevada, CEM#1036

OSHA, 29 CFR 1910 40-Hour, Hazardous Waste Operations and Emergency Response (HAZWOPER).



# Gene E. Johnson, A.A.C., C.A.C Environmental Specialist

#### **Professional Experience**

Mr. Johnson is an Environmental Specialist with more than 15 years of professional experience in conducting Phase I and II Environmental Site Assessments (ESAs), asbestos inspections, lead based paint inspections, mold inspections, and abatement projects. Applied experience includes conducting over 75 Phase I ESAs and has conducted more than 1,000 asbestos, mold and lead-based paint investigations throughout Nevada and California. Mr. Johnson's experience includes the design of numerous asbestos abatement projects and the development of numerous asbestos management plans. Mr. Johnson is a certified Asbestos Abatement Consultant, California Asbestos Consultant and a certified Indoor Microbial Environmental Quality Investigator. Mr. Johnson developed extensive knowledge and a strong understanding of federal, state and local environmental regulations.

## **Project Experience**

- SOC, Naval Underwater Warfare Center Detachment, Hawthorne, NV Project Manager. Asbestos abatement oversight, baseline air sampling and final clearance air sampling during the abatement of thermal system insulation in a 20,000 square foot building.
- Wingfield Springs, Sparks, NV Performed Phase I environmental site assessments of multiple portions of a former ranch scheduled for development as a large residential area. Identified several recognized environmental concerns including underground storage tanks.
- **Airport Authority of Washoe County, Reno, NV** Performed environmental site assessment of an industrial building to be acquired by the Airport.
- Newmont Mining Corporation, Golconda, NV Project Manager. Conducted a detailed asbestos investigation of the a mill building, kiln building and tank farm area at the Twin Creeks Mine Site, in Golconda, Nevada.
- General Nutrition Corporation (GNC), Statewide, NV Project Manager. Conducted asbestos investigations prior to renovation activities commencing at several of their locations throughout Nevada.
- City of Winnemucca, Winnemucca, NV Project Manager. Conducted an asbestos investigation of a boiler system for City Hall building.
- Executive Inn, Reno, NV Project Manager. Conducted a detailed asbestos investigation of a seven-story hotel located in downtown Reno. The investigation was completed prior to a complete renovation of the hotel.
- Horizon Casino, Lake Tahoe, NV Project Manager. Collected mold and asbestos samples during an ongoing legal case involving environmental issues.

- Carson Tahoe Regional Healthcare, Carson City, NF Project Manager. Provided fungal air sampling services throughout multiple healthcare buildings to assess air quality issues.
- **CSAA Insurance, CA and NV** Project Manager. Conducted numerous asbestos and fungal investigations and air sampling assessment in private residences throughout California and Nevada.
- **Ribeiro Corporation, Statewide, NV** Project Manager. Conducted numerous asbestos and fungal investigations and air sampling assessment in commercial buildings throughout Nevada.
- Berry-Hinckley Industries, Statewide, NV Performed Phase I environmental site assessments of several operating gas stations and convenience stores throughout northern Nevada. Multiple recognized environmental concerns identified.
- **Dermody Properties, Reno, Sparks, NV** Performed environmental site assessments of several light industrial facilities located throughout the Reno-Sparks Nevada metropolitan area.

#### Education

Bachelors' of Arts, University of Nevada, Reno, 1992. City of Reno Hazardous Materials Training 2009.

## **Certifications and Registrations**

State of Nevada Asbestos Abatement Consultant, IJPM0604 State of California Asbestos Consultant, CAC #04-3565 EPA Accredited Asbestos Inspector EPA Accredited Project Designer EPA Accredited Management Planner EPA Accredited Contractor/Supervisor Indoor Microbial Environmental Quality Investigator