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# PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Site C**  
**South Water Street**  
**(APN 179-18-811-001)**  
**Henderson, Clark County**  
**Nevada**

***Contract DEP14-008***  
***Task Number M15-16***

***State of Nevada***  
***Department of Conservation & Natural Resources***  
***Division of Environmental Protection***  
***901 South Stewart Street, Suite 4001***  
***Carson City, Nevada 89701***

***On behalf of:***  
***City of Henderson Redevelopment***

***July 11, 2016***

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# EXECUTIVE SUMMARY

*McGinley and Associates, Inc. (MGA) conducted this Phase I Environmental Site Assessment for the purpose of identifying recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), and/or controlled recognized environmental conditions (CRECs) on the property in accordance with the 2013 ASTM International standard practice for the performance of Phase I Environmental Site Assessments (ASTM E 1527-13). The U.S. Environmental Protection Agency (EPA) has endorsed this practice as satisfying the requirements of All Appropriate Inquiry (AAI).*

*The Subject Property is located in Henderson, Nevada and is comprised of a single parcel of land located within the S ½ of the SE ¼ of Section 18, Township 22 South, Range 63 East, of the Mount Diablo Baseline and Meridian.*

*The Subject Property is approximately 1.61 acres in size and consists of undeveloped land covered with graded gravel. Evidence of past development on the site was observed in the form of a concrete driveway. Minor household and construction debris was observed on the site. The general slope of the surface appeared to be from the northeast to southeast.*

## **Findings**

### **General Findings**

- The Subject Property is located on 1.61 acres and is identified as Clark County Assessor's Parcel 179-18-811-001.*
- At the time of the site reconnaissance, the Subject Property was undeveloped. However, evidence suggests that the site was developed from the 1950s through the early 2000s with both residential dwellings and commercial structures.*
- According to a local resident, city directories, and aerial photographs reviewed for this assessment, the Subject Property appears to have been previously developed with an address of 319 South Water Street.*
- Previous uses of the Subject Property include residential dwellings, retail businesses that included Hairitage Salon and Four Seasons Cleaners. According to a local resident and the owner of the Four Seasons Cleaners in Clark County, the dry cleaning facility previously located on the Subject Property only operated as a drop-off and pick-up location.*
- The properties surrounding the Subject Property primarily consist of commercial, retail, and residential properties.*
- Two pole-mounted transformers were observed on the central portion of the Subject Property. The transformers appeared to be in good condition at the time of the site visit.*

### **Historical Recognized Environmental Conditions (HREC)**

*No historical recognized environmental conditions were found for the Subject Property.*

### **Controlled Recognized Environmental Conditions (CREC)**

*No controlled recognized environmental conditions were found for the Subject Property.*

### **Recognized Environmental Conditions (REC)**

*No recognized environmental conditions were found for the Subject Property.*

## **Conclusions**

*MGA has performed a Phase I Environmental Site Assessment in conformance with the scope and*



*limitations of ASTM Practice E 1527 of the property identified as APN 179-18-811-001 in the City of Henderson, Clark County, Nevada, the property. Any exceptions to, or deletions from, this practice are described in Section 7 of this report.*

*Upon conclusion of our Phase I ESA, and based on the information reviewed, this assessment has revealed no evidence of recognized environmental conditions or controlled recognized environmental conditions in connection with the Subject Property. Based on the information reviewed for this assessment, MGA is of the opinion that no additional investigations at the Subject Property are warranted at this time.*

# **1. INTRODUCTION**

## **1.1 Purpose**

This report presents the findings of a Phase I Environmental Site Assessment (ESA) performed on the property identified as APN 179-18-811-001 in the City of Henderson, Clark County, Nevada, and hereafter referred to as the Subject Property. McGinley and Associates, Inc. (MGA) conducted this investigation for the purpose of identifying recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), and/or controlled recognized environmental conditions (CRECs) on the property in accordance with the 2013 ASTM International standard practice for the performance of Phase I Environmental Site Assessments (ASTM E 1527-13). The U.S. Environmental Protection Agency (EPA) has endorsed this practice as satisfying the requirements of All Appropriate Inquiry (AAI).

## **1.2 Site Location**

The Subject Property is located in Henderson, Nevada and is comprised of a single parcel of land located within the S ½ of the SE ¼ of Section 18, Township 22 South, Range 63 East, of the Mount Diablo Baseline and Meridian. A parcel map from the Clark County Assessor's Office, which depicts the Subject Property parcel, is provided herein as Appendix A. The location of the site and the property boundary are displayed in Figures 1 and 2.

## **1.3 User Responsibilities**

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must complete an AAI compliant user questionnaire and provide it to the environmental professional. Failure to complete this user questionnaire could result in a determination that "all appropriate inquiry" is not complete. The questionnaire determines a baseline of User knowledge of the Subject Property regarding the following items:

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25);
2. Activity and land use limitations that are in place on the site or have been filed or recorded in a registry (40 CFR 312.26);
3. Specialized knowledge or experience of the person seeking to qualify for the LLP related to the property or nearby properties (40 CFR 312.28);
4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29);
5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30); and;
6. The degree of obviousness of the presence or likely presence of contamination in, on, or at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

In order to obtain this information, an AAI compliant user questionnaire was provided to the User of this Phase I ESA. The completed user questionnaire can be found in Appendix B.

## 1.4 Conditions of Contract

MGA performed this work for the Nevada Division of Environmental Protection (NDEP) (client) on the behalf of the City of Henderson (user), as part of the State of Nevada Brownfields program pursuant to our proposal dated May 12, 2016, as part of the State of Nevada Brownfields program pursuant to our Scope of Work approval dated June 7, 2016, and in accordance with Contract DEP14-008, Task Number M05-14.

## 1.5 Scope of Work

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

- **Site reconnaissance** of the Subject Property and observation of adjoining properties and vicinity by a qualified person under the direct supervision of an MGA Certified Environmental Manager;
- **Environmental setting review** to determine potential pathways for the migration of contaminants including solids and liquids at the surface or subsurface, and vapor in the subsurface;
- **Review of site history/land use** through city directory listings, historical aerial photographs, historical topographic maps, local jurisdiction records, and personal interviews/questionnaires;
- **Review of regulatory agency records** to identify and assess any listings of regulatory permits, registrations, or enforcement actions at the subject site, adjoining properties, or proximal sites (if necessary), through both a commercial database search and agency inquiries; and,
- **Preparation of this report** that describes all work performed and presents a discussion of the findings and conclusions.

## 2. SITE RECONNAISSANCE

### 2.1 Methodology

For the purpose of assessing current site conditions, a visit to the Subject Property and surrounding area was conducted on June 15, 2016 under sunny and warm conditions. During the site visit, observations were made in regards to *recognized environmental conditions (RECs)*. As defined by ASTM E 1527-13, a REC is the presence, or likely presence, of any hazardous substances or petroleum products in, on, or at the property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. 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 which generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Photographs taken during the site reconnaissance are provided in Appendix C.

### 2.2 Observations During Reconnaissance

The entire site was walked and observed for the presence of 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 observed, it will be noted as “Not Observed”. If the item was observed during the site visit, it will be noted as “**Observed**” and a short description of the finding will follow.

- |  |                 |
|--|-----------------|
| • Staining or discoloration of soil and/or pavement  | Not Observed    |
| • Wastewater systems, septic systems, sumps, and/or seeps  | Not Observed    |
| • Wells  | Not Observed    |
| • Patched areas of asphalt or concrete   | Not Observed    |
| • Standing surface water, ponds, farm tanks, etc.  | Not Observed    |
| • Railroad spurs   | Not Observed    |
| • Suspect PCB containing equipment<br><i>Two pole-mounted transformers were observed within the central portion of the Subject Property.</i> | <b>Observed</b> |
| • Hydraulic equipment  | Not Observed    |
| • Underground storage tank (UST) systems/Vent Pipes  | Not Observed    |
| • Above ground storage tanks (ASTs)  | Not Observed    |
| • Sand-oil separators or grease interceptors   | Not Observed    |

• Paint booths, spray rigs, etc.	Not Observed
• Unorthodox heating and ventilation systems	Not Observed
• Emergency generators	Not Observed
• Chemical/waste generation and/or storage	Not Observed
• Unusual odors	Not Observed
• Dumping, disturbed soils, direct burial activity <i>One pile of fine gravel was observed on the central portion of the Subject Property. Construction and residential debris were also observed within piles on the northwestern portion of the Subject Property. No indication of impacts from chemical spills was observed.</i>	<b>Observed</b>
• Floor drains	Not Observed
• Air emissions	Not Observed
• Industrial or manufacturing activities	Not Observed
• Distressed, discolored or stained vegetation	Not Observed
• Oil or gas well exploration or refinery activities	Not Observed
• Surface water contamination	Not Observed
• Farm waste, feed lot spoils, or manure stockpile	Not Observed
• Prolonged use, misapplication or storage of pesticides	Not Observed
• Discharges, or run-off of potential contaminants from off-site sources	Not Observed
• Basements and/or subsurface vaults	Not Observed

## 2.3 Site Description and Current Usage

The Subject Property is comprised of approximately 1.61 acres of land. At the time of the site visit, the Subject Property consisted of undeveloped land that appeared to have been graded in the past. Minor household trash and cinder blocks were observed on the northwest corner of the Subject Property. One small fill pile was also observed on the central portion during the site reconnaissance. Remnants from a driveway were observed on the northeast portion and two pole-mounted transformers were observed on the central portion of the Subject Property. Several concrete barrier blocks were observed along the center portion of the Subject Property from east to west. The general slope of the surface appeared to be from the

northeast to southeast. At the time of the site reconnaissance, no potential environmental issues were observed.

## 2.4 Adjoining Properties

The Subject Property is bordered by the following:

North:	Commercial properties
South:	Retail and residential properties
East:	Nebraska Street with residential properties beyond
West:	South Water Street with undeveloped land beyond

At the time of the site visit, the properties immediately surrounding the Subject Property consisted primarily of commercial, residential and retail properties. Reconnaissance of the publicly accessible portions of the properties located immediately adjoining the Subject Property, revealed no visible evidence of environmental concerns that could potentially impact the Subject Property.

## 2.5 PCB Sources

Polychlorinated biphenyl (PCB) is a man-made chemical known to have potential harmful effects on human health and the environment. Federal law banned U.S. production of PCBs as of July 2, 1979. However, PCB-containing materials may still be present in electrical equipment manufactured prior to 1979. Given that the property was previously developed since the 1950's, a possibility exists that PCB-containing equipment were previously utilized at the site and transformers observed on the property at the time of the site visit may contain PCBs. The observed pole-mounted transformers appeared to be in good condition with no observed leaks. Furthermore, 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 environmentally safer equipment.

### **3. ENVIRONMENTAL SETTING**

#### **3.1 Regional Physiographic Setting**

The Subject Property is located within the Basin and Range Physiographic Province at an elevation of approximately 1,985 feet above mean sea level. The climate of the region is described as Mid-Latitude Steppe, which is characterized by cold winters, hot summers, and semi-arid precipitation conditions (Houghton et. al., 1975). Historical average minimum and maximum annual temperatures for the area, as recorded at the nearest climate station in Reno, Nevada, are 54.3 and 80.1 degrees Fahrenheit, respectively, while historical annual precipitation averages 4.15 inches (Western Regional Climate Center, 2015).

#### **3.2 Geologic Conditions**

The geology underlying the Subject Property has been mapped as Pediment and fan deposits of Henderson. The deposit is described as silty, sandy pebble gravel; composed dominantly of dacite clasts derived from the volcanic rocks of the McCullough Range (W. Bell and Smith, 1980). The surficial soils found at the Subject Property have been mapped as Caliza very gravelly sandy loam with slopes ranging from 2 to 8 percent. The unit is classified as Hydrologic Unit A, which is characterized by low run-off potential when thoroughly wet, as water freely transmits through the soil (NRCS, 2014).

#### **3.3 Surface Water Conditions**

There are no surface water bodies such as streams or wetlands located on the Subject Property. The nearest major surface water body to the Subject Property is the Las Vegas Wash, which is located approximately four miles north of the Subject Property.

According to the Federal Emergency Management Agency (FEMA), the site is located outside a 100-year flood zone and is listed as being in Zone X, which is characterized as areas determined to be outside the 0.2% annual chance floodplain.

#### **3.4 Groundwater Conditions**

Based on a review of the Nevada Division of Water Resources (NDWR) Well Log Database, water wells may be located in the vicinity of the Subject Property, but their exact locations are unknown and their existence has not been field-verified. No wells were observed or reported to be located on the Subject Property during site reconnaissance. Groundwater flow direction at the Subject Property is estimated to be primarily towards the north. Groundwater depth is estimated to be approximately 50 to 75 feet below ground surface.

## **4. SITE HISTORY AND HISTORICAL LAND USE**

A historical assessment of the Subject Property was performed through a search and review of historical aerial photographs, historical topographic maps, available Sanborn fire insurance maps, available city directory records, and county records. 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.

### **4.1 Historical Aerial Photographs**

Environmental Data Resources, Inc. (EDR) provided aerial photographs covering the area of the Subject Property for the years: 1950, 1958, 1971, 1975, 1981, 1990, 1991, 1994, 1999, 2006, 2010, and the most current. Aerial photographs for years other than these were not reviewed. A review of the aerial photos indicates that the Subject Property was developed with residential properties in the past. The first occurrence of development on the Subject Property and in its vicinity is observed in the 1950 aerial photo. It appears the Subject Property and adjacent properties were residential in nature. Two ponds associated with a water treatment plant are visible to the south of the Subject Property. In 1958, expanded development is visible in the vicinity of the Subject Property. In the 1990 aerial photo, it appears that the residential homes no longer exist and several larger buildings appear on the Subject Property. In the 2010 aerial photo, several of the surrounding houses in the vicinity appear to be gone and commercial buildings appear. Only the northwest corner of the Subject Property appears to have development. The most current aerial photo shows the site as completely undeveloped and similar to what was observed at the time of the site visit.

The review of these aerial photographs did not reveal any potential environmental issues that may have impacted the Subject Property in the past. A copy of the historical aerial photograph report that was reviewed is provided in Appendix D.

### **4.2 Historical Topographic Maps**

Historical topographic maps were provided by EDR covering the area of the Subject Property for the years: 1926, 1952, 1967, 1970, 1973, 1984, 2014, and 2015. Topographic maps for years other than these were not reviewed. A water treatment plant is visible to the south of the Subject Property in the reviewed topographic maps dated 1952 through 2014. The review of these maps did not reveal any potential environmental issues that may have impacted the Subject Property in the past. A copy of the historical topographic map report that was reviewed is provided in Appendix D.

### **4.3 Sanborn Fire Insurance Maps**

A Sanborn Map Report for the Subject Property was provided by EDR. However, Sanborn fire insurance maps, which can often provide detailed historical information about a site, have not been published for the area of the Subject Property. A copy of the EDR Sanborn Map Report that was reviewed is provided in Appendix E.

### **4.4 City Directory Listings**

At the request of MGA, EDR searched City Directory listings for West Cheyenne Avenue. City directory listings as published by Cole Information Services and Luskey Brothers & Co., and Polk's City Directory. Publications listings from the following years were provided for review: 1959, 1966, 1992, 1995, 1999, 2003, 2008, and 2013. According to further research, the Subject Property was listed as 319 South Water Street from 1992 to 2003. There were no



listings for the Subject Property or the adjacent properties prior to 1959. A summary of findings from the available city directory listings for the Subject Property and surrounding properties is provided in the table below. A copy of the EDR city directory report that was reviewed is provided in Appendix E.

YEAR	DESCRIPTION			
	Adjoining Properties			
	Subject Property 319 S Water St.	303 S Water St.	331 S Water St.	330 Nebraska Ave
1959	Residential	Residential	Residential	Residential
1966	Not Listed	Not Listed	Not Listed	Not Listed
1992	A Hairitage Full Family Service Salon Incorp., Four Season Cleaners, Henderson Therapy, Randall William, and Southern Nevada Physical	Beauty Corner and the Bon Voyage Tour	Donnas Dog Grooming, Labor Force of NV, and Phillips Radio and TV	Not Listed
1995	A Hairitage Full Family Service Salon Incorp., and Four Season Cleaners	Beauty Corner	Donnas Dog Grooming, Labor Finders, and Phillips Radio and TV	Residential
1999	A Hairitage Full Family Service Salon Incorp., and Four Season Cleaners s	Joule Beauty Boutique and Kenny's Bail Bonds	A2Z TV VCR Repair, Acute Grooming Shop, DFL TV VCR Repair, and Labor Finders	Residential
2003	Four Seasons Cleaners and Natalie Shaw	Kenny's Bail Bonds	A2Z TV VCR Repair, Desert Rose Salon, and Victoria Allen	Unknown Occupant
2008	Not Listed	Clark County Credit Union and It's a Grind Coffee House	The Beach Retreat, Desert Rose Salon, and Still Sew Busy	Unknown Occupant
2013	Not Listed	Not Listed	AB Screen Printing, The Beach Retreat, and Harold Coe	Unknown Occupant

## 4.5 Clark County Assessor's Office

According to the Clark County Assessor's Office, the Subject Property is listed as APN 179-18-811-001. The land use code of the Subject Property is listed as *Vacant*. The current property owner is listed as City of Henderson Redevelopment, which has owned the property since 2009. Ownership information prior to 2009 was not provided in the information available for review.

## 4.6 Interviews

### 4.6.1 Interview with Dave Season, Local Resident of Henderson, NV

A phone interview was conducted with Dave Beason, a local resident of Henderson NV, regarding his knowledge of the Subject Property. Mr. Beason stated that he was familiar with the history of the Subject Property. He stated that there was a long building on the Subject Property that was occupied by Hairitage and owned by a lady named Phyllis. At the south end of the building, there was Four Seasons Dry Cleaners. He stated that he used to frequent the dry cleaners and remembered it being a drop off and pick up only. He explained that there was no equipment typically used by dry cleaners and that he recalled only seeing clothing on the racks. Mr. Beason then stated that the roof had partially collapsed at one point. When asked if he was aware of any chemical spills, releases, or environmental issues that may have occurred on the Subject Property, he indicated that he was not aware of any incidents that have occurred at the property.

#### **4.6.2 Interview with Raza Agha, Previous Owner of Four Season Cleaners**

An interview was conducted with Raza Agha on July 7, 2016 regarding his knowledge on the Four Season Cleaners that was previously located on Water Street. He explained that he was the owner of all the Four Season Cleaners in Clark County. When asked if there was any cleaning equipment at the Four Seasons Cleaner on Water Street, Mr. Agha replied that all the cleaners have been drop-off only locations and that all the cleaning is conducted off property.

## 5. RECORDS REVIEW

As defined in ASTM E 1527-13, a *historical recognized environmental condition* is a past release of any hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (to current regulatory standards) or meets unrestricted residential use criteria established by a regulatory authority, without subjecting the property to institutional controls or engineering controls. A HREC will not be considered a REC per ASTM E 1527-13. To the contrary, a *controlled recognized environmental condition* is a REC that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., property use restrictions, activity use limitations, institutional/engineering controls, etc.).

A regulatory agency review was conducted through both a commercial database search and local agency inquiries. The purpose of this regulatory agency review was to ascertain if regulatory actions have ever been imposed on the Subject Property, adjoining properties, or on properties within the search radius guidelines established by the 2013 ASTM Standard Practice for Environmental Site Assessments.

### 5.1 EDR Radius Map Report

At the request of MGA, EDR provided records from federal, state, and local environmental databases for regulatory sites located within the *Approximate Minimum Search Distances* as specified in ASTM E 1527-13. A copy of the EDR report is included herein as Appendix F. 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 Subject Property was not identified as a record in the databases searched by EDR. The following regulatory listings were identified within the Approximate Minimum Search Distances in the databases searched by EDR: one Superfund Enterprise Management System Archive (SEMS-ARCHIVE) site, one Corrective Action (CORRACTS) facility, 16 State Hazardous Waste Sites (SHWS), three US Underground Storage Tank (UST) sites, one Solid Waste Recycling (SWRCY) site, one Historic Auto site, and one Historic Cleaner site.

In order to evaluate potential impacts to the Subject Property, a review of pertinent regulatory agency files was conducted on one of the above listed sites, which is located on the Subject Property. Additional information obtained for this site is provided in Section 5.3 of this report.

The remaining sites identified in the EDR Radius Map Report were not researched further because they are considered unlikely to have caused environmental impacts to the Subject Property in the past, because they appear to be 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.

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.

## **5.2 EDR Vapor Encroachment Screen**

MGA conducted a Vapor Encroachment Screen (VES) investigation in accordance with the 2015 ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E 2600-15). The VES investigation used available information and professional judgment to derive our conclusions. The goal of the VES is to identify the potential for vapors from hazardous substances and petroleum releases to reach the Subject Property. ASTM E2600-15 defines the term, vapor encroachment condition (VEC) as the presence or likely presence of chemical of concern (COC) vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property as identified by Tier 1 or Tier 2 procedures. MGA performed a VES for the area encompassing the Subject Property by reviewing each of the regulatory sites that were provided by EDR within a 1/3-mile primary search radius from the boundary of the Subject Property.

### **5.2.1 Tier 1 Screening**

Initially, three sites were identified within the 1/3-mile primary search radius surrounding the Subject Property. MGA reviewed each of the sites to evaluate their potential to create a vapor encroachment condition. Of the initial three sites, two sites had limited potential for the presence of contaminants of concern; were determined to be outside the area of concern based on distance, gradient, and the type of COC; and/or were determined to be beyond the critical distance for vapor migration to the Subject Property. For the remaining site, a Tier 2 Screening was performed.

### **5.2.2 Tier 2 Screening**

A historic dry cleaner previously addressed at 319 S. Water Street was identified on the Subject Property. No leaks or spills are known to have occurred at this facility in the past. In addition, according to an interview conducted with Dave Beason, a former resident local to the Subject Property, the dry cleaner facility was a drop off and pick up location only. Therefore, a VEC can be ruled out. A copy of the VES report is included herein as Appendix G.

## **5.3 Nevada Division of Environmental Protection (NDEP)**

The regulatory agency review did not identify any regulatory sites administered by the NDEP that could potentially impact the Subject Property. Therefore, no agency files from the NDEP were requested for review.

## **5.4 Southern Nevada Health District (SNHD)**

On June 7, 2016, an inquiry regarding inspections, complaints, spills or other potential environmental issues in connection with the Subject Property and/or its adjoining properties was submitted via electronic mail to the Southern Nevada Health Department. On June 8, 2016, MGA received a response from the SNHD stating that files related to the property addressed 319 South Water Street and the adjacent properties could not be located.

## **6. FINDINGS**

### **6.1 General Findings**

- The Subject Property is located on 1.61 acres and is identified as Clark County Assessor's Parcel 179-18-811-001.
- At the time of the site reconnaissance, the Subject Property was undeveloped. However, evidence suggests that the site was developed from the 1950s through the early 2000s with both residential dwellings and commercial structures.
- According to a local resident, city directories, and aerial photographs reviewed for this assessment, the Subject Property appears to have been previously developed with an address of 319 South Water Street.
- Previous uses of the Subject Property include residential dwellings, retail businesses that included Hairitage Salon and Four Seasons Cleaners. According to a local resident and the owner of the Four Seasons Cleaners in Clark County, the dry cleaning facility previously located on the Subject Property only operated as a drop-off and pick-up location.
- The properties surrounding the Subject Property primarily consist of commercial, retail, and residential properties.
- Two pole-mounted transformers were observed on the central portion of the Subject Property. The transformers appeared to be in good condition at the time of the site visit.

### **6.2 Historical Recognized Environmental Conditions**

*No historical recognized environmental conditions* were found for the Subject Property.

### **6.3 Controlled Recognized Environmental Conditions**

*No controlled recognized environmental conditions* were found for the Subject Property.

### **6.4 Recognized Environmental Conditions**

*No recognized environmental conditions* were found for the Subject Property.

### **6.5 Conclusions**

MGA has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of the property identified as APN 179-18-811-001 in the City of Henderson, Clark County, Nevada, the property. Any exceptions to, or deletions from, this practice are described in Section 7 of this report.

Upon conclusion of our Phase I ESA, and based on the information reviewed, this assessment has revealed no evidence of recognized environmental conditions or controlled recognized environmental conditions in connection with the Subject Property. Based on the information reviewed for this assessment, MGA is of the opinion that no additional investigations at the Subject Property are warranted at this time.

## **7. LIMITATIONS**

### **7.1 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.

### **7.2 Data Gaps**

The following data gaps were encountered during the course of this Phase I ESA:

- Historical aerial photographs were not available prior to 1950. However, this data gap is not considered significant since it is likely that prior to 1950, the site was residential.
- Historical information found for the Subject Property may have exceeded five year intervals. This data gap is not considered significant as specific use of the property and adjoining properties appears unchanged during the period of time that exceeded five years.
- Past owners were not available within reasonable time and/or cost constraints for interview for this report. However, based on information obtained from EDR and Clark County records, this data gap is not considered significant since it is likely all information obtained would be duplicative of information obtained from other sources.

## 8. SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We certify that, to the best of our knowledge and belief, we meet the definition of Environmental Professionals, as defined in 40 CFR §312.10(b). We have specific qualifications based on education, training, and experience to assess a property of this nature, history, and setting. We have developed and performed 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.

Respectfully Submitted:

**McGinley and Associates, Inc.**

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



Lauren Bruno  
Staff Scientist

**Reviewed by:**



Brett Bottenberg, C.E.M. #1690, Exp. Date 10/7/2017  
Project Manager

## 9. REFERENCES

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

ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, ASTM E 2600-10.

J.W. Bell and E.I. Smith, 1980, Geological Map of the Henderson Quadrangle: Nevada Bureau of Mines and Geology Map 67, scale 1:24,000.

Environmental Data Resources (EDR), June 7, 2016. Certified Sanborn Map Report. Inquiry Number: 4640300.3.

EDR, June 7, 2016. The EDR Radius Map Report with GeoCheck. Inquiry Number: 4640300.2s.

EDR, June 7, 2016. EDR Historical Topographic Map Report. Inquiry Number: 4640300.4.

EDR, June 7, 2016. The EDR Aerial Photo Decade Package. Inquiry Number: 4640300.9.

EDR, June 8, 2016. The EDR-City Directory Image Report. Inquiry Number: 4640300.5.

EDR, June 7, 2016. EDR Vapor Encroachment Screen. Inquiry Number: 4640300.6s.

Federal Emergency Management Agency (FEMA), FIRM Map of Clark County, Nevada, Panel 2615 of 4090, Map Number FM32003C2615F, Map Revised November 16, 2011.

Houghton, John. G., Clarence M. Sakamoto, and Richard O. Gifford, 1975. Nevada's Weather and Climate. Special Publication 2. Nevada Bureau of Mines and Geology, Mackay School of Mines, University of Nevada, Reno.

Natural Resources Conservation Service, 2014. Web Soil Survey: Clark County, Nevada, South Part. Version 10, August 22, 2014. United States Department of Agriculture. (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>).

Nevada Division of Water Resources Well Log Database (online), (<http://water.nv.gov>).

United States Department of Agriculture, Natural Resources Conservation Service. 1997. National Engineering Handbook - Part 630 Hydrology. H\_210\_NEH\_630 - Part 630 – Hydrology.

Clark County Assessor's Office (online), (<http://www.clarkcounty.us/assessor/index.htm>).

Western Regional Climate Center (WRCC), 2016. Desert Research Institute Website (<http://www.wrcc.dri.edu/climatedata/climsum/>).





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**FIGURE 1**

**PROJECT LOCATION MAP**  
-SHOWING-  
**APN: 179-18-811-001**  
**HENDERSON, NEVADA**



**McGinley & Associates**  
Environmental Engineering and Science  
RENO | LAS VEGAS | www.mcgin.com

COORDINATE SYSTEM:  
**NAD 1983 UTM Zone 11N**





REVISIONS	NO.	BY	DATE
<b>A</b>	DESIGNED	RJ	
	DRAWN	TAD	
	CHECKED	RJ	
JOB NO.: BRN-035	APPROVED		

**FIGURE 2**

**SITE MAP  
-SHOWING-  
APN: 179-18-811-001  
HENDERSON, NEVADA**



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COORDINATE SYSTEM:  
**NAD 1983 UTM Zone 11N**

# **APPENDIX A**

## **Assessor's Map and Parcel Information**

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NOTES

This map is for assessment use only and does NOT represent a survey.

No liability is assumed for the accuracy of the data delineated herein. Information on roads and other non-assessed parcels may be obtained from the Road Document Listing in the Assessor's Office.

This map is compiled from official records, including surveys and deeds, but only contains the information required for assessment. See the recorded documents for more detailed legal information.

0100200400600800

USE THIS SCALE(FEET) WHEN MAP REDUCED FROM 11X17 ORIGINAL

MAP LEGEND

PARCEL BOUNDARY

SUB BOUNDARY

PM/LD BOUNDARY

ROAD EASEMENT

MATCH / LEADER LINE

HISTORIC LOT LINE

HISTORIC SUB BOUNDARY

HISTORIC PM/LD BOUNDARY

SECTION LINE

CONDOMINIUM UNIT

AIR SPACE PCL

RIGHT OF WAY PCL

SUB-SURFACE PCL

001

ROAD PARCEL NUMBER

001

PARCEL NUMBER

1.00

ACREAGE

202

PARCEL SUB/SEQ NUMBER

PB 24-45

PLAT RECORDING NUMBER

5

BLOCK NUMBER

5

LOT NUMBER

GL5

GOV. LOT NUMBER

Scale: 1" = 200'

Rev: 2/13/2013

ASSESSOR'S PARCELS - CLARK CO., NV.  
Michele W. Shafe - Assessor

T22S R63E

18

S 2 SE 4

179-18-8

BOOK

SF

MA

161

160159

6

5

4

3

2

1

178

179180

7

8

9

10

11

12

190

189188

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

Scale: 1" = 200'

Rev: 2/13/2013

CLARK COUNTY

ASSESSOR

NEVADA

This assessor's map displays the Henderson Townsite, bounded by Van Wagenen Ave to the north, Water St to the east, and Zinc St to the south. The map includes numerous parcels, many of which are numbered (e.g., 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 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1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 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1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 20

GENERAL INFORMATION	
PARCEL NO.	179-18-811-001
OWNER AND MAILING ADDRESS	CITY OF HENDERSON REDEVELOPMENT 240 WATER ST HENDERSON NV 89015-7227
LOCATION ADDRESS CITY/UNINCORPORATED TOWN	HENDERSON
ASSESSOR DESCRIPTION	WATER STREET PLAZA PLAT BOOK 144 PAGE 92 LOT 1
RECORDED DOCUMENT NO.	* 20090806:02486
RECORDED DATE	Aug 6 2009
VESTING	NS
COMMENTS	

\*Note: Only documents from September 15, 1999 through present are available for viewing.

ASSESSMENT INFORMATION AND SUPPLEMENTAL VALUE	
TAX DISTRICT	503
APPRAISAL YEAR	2015
FISCAL YEAR	2016-17
SUPPLEMENTAL IMPROVEMENT VALUE	0
SUPPLEMENTAL IMPROVEMENT ACCOUNT NUMBER	N/A

REAL PROPERTY ASSESSED VALUE		
FISCAL YEAR	2015-16	2016-17
LAND	122731	122731
IMPROVEMENTS	0	0
PERSONAL PROPERTY	0	0
EXEMPT	122731	122731
GROSS ASSESSED (SUBTOTAL)	122731	122731
TAXABLE LAND+IMP (SUBTOTAL)	350660	350660
COMMON ELEMENT ALLOCATION ASSD	0	0
TOTAL ASSESSED VALUE	122731	122731
TOTAL TAXABLE VALUE	350660	350660

ESTIMATED LOT SIZE AND APPRAISAL INFORMATION	
ESTIMATED SIZE	1.61 Acres
ORIGINAL CONST. YEAR	0
LAST SALE PRICE MONTH/YEAR	0
LAND USE	000 - Vacant
DWELLING UNITS	0

PRIMARY RESIDENTIAL STRUCTURE					
1ST FLOOR SQ. FT.	0	CASITA SQ. FT.	0	ADDN/CONV	
2ND FLOOR SQ. FT.	0	CARPORT SQ. FT.	0	POOL	NO
3RD FLOOR SQ. FT.	0	STYLE		SPA	NO
UNFINISHED BASEMENT SQ. FT.	0	BEDROOMS	0	TYPE OF CONSTRUCTION	
FINISHED BASEMENT SQ. FT.	0	BATHROOMS	0	ROOF TYPE	
BASEMENT GARAGE SQ. FT.	0	FIREPLACE	0		
TOTAL GARAGE SQ. FT.	0				

# Michele W. Shafe, Assessor

## PARCEL OWNERSHIP HISTORY

Assessor Map

Aerial View

Comment Codes

Current Ownership

New Search

ASSESSOR DESCRIPTION	
WATER STREET PLAZA PLAT BOOK 144 PAGE 92 LOT 1	

CURRENT PARCEL NO.	CURRENT OWNER	%	RECORDED DOCUMENT NO.	RECORDED DATE	VESTING	TAX DIST	EST SIZE	COMMENTS
179-18-811-001	CITY OF HENDERSON REDEVELOPMENT		<a href="#">20090806:02486</a>	8/6/2009	NS	503	1.61 AC	

PARCEL NO.	PRIOR OWNER(S)	%	RECORDED DOCUMENT NO.	RECORDED DATE	VESTING	TAX DIST	EST SIZE	COMMENTS
------------	----------------	---	--------------------------	------------------	---------	-------------	-------------	----------

Note: Only documents from September 15, 1999 through present are available for viewing.

**NOTE:** THIS RECORD IS FOR ASSESSMENT USE ONLY. NO LIABILITY IS ASSUMED  
AS TO THE ACCURACY OF THE DATA DELINEATED HEREON.

# **APPENDIX B**

## **User Questionnaire**

---



# USER QUESTIONNAIRE

**Property Address:** Clark County APN: 179-18-811-001

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

The "*User*," as defined by the ASTM 1527-13 Standard Practice for Environmental Site Assessments, is "the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager." The User has specific obligations for completing a successful application of this practice, which includes, but is not limited to, the following:

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

To meet the requirements of 40 CFR 312.20 and 312.25, a search for the existence of environmental liens and activity use limitations (AULs) that are filed or recorded against the property must be conducted. Environmental liens and AULs are legally distinct instruments and have very different purposes and both can commonly be found within recorded land title records (e.g County Recorder/Registry of Deeds). Any environmental liens and AULs known to the User should be reported to the environmental professional. The User should engage a title company, real estate attorney, or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens and AULs currently recorded against or relating to the property.

Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the *property* under federal, tribal, state, or local law?

Note 1- In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

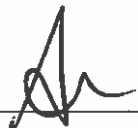
We are not aware of any such liens

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

Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 above) identify any AULs, such as *engineering controls*, land use restrictions, or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state, or local law?

Not to our knowledge.

Initials: \_\_\_\_\_



# USER QUESTIONNAIRE

**Property Address:** Clark County APN: 179-18-811-001

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

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

I am the Downtown Redevelopment Manager for the City of Henderson. The RDA is the property owner. The RDA has owned this property for many years.

**(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*?

By NRS statute, the Agency can only purchase property for appraised value. The site was acquired by acquisition of several parcels and then combined into a single site.

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

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

(a.) Do you know the past uses of the *property*? Some parcels were residential and some were commercial uses.

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

No.

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

No.

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

No.

Initials: \_\_\_\_\_

A

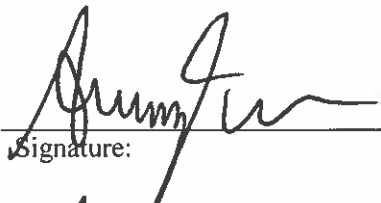
# USER QUESTIONNAIRE

**Property Address:** Clark County APN: 179-18-811-001

- (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).

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


No I do not know of any.

  
Signature: \_\_\_\_\_

Anthony Molloy  
Printed Name: \_\_\_\_\_

6/8/16  
Date: \_\_\_\_\_

Downtown Redevelopment Manager  
Title: \_\_\_\_\_

Initials:  \_\_\_\_\_

# **APPENDIX C**

## **Site Photographs**

---



**Photograph 1:**  
View of the Subject Property looking northeast.



**Photograph 2:**  
Northwest edge of Subject Property looking northeast.





**Photograph 3:**  
Northeast edge of the Subject Property looking southeast.



**Photograph 4:**  
Southeast edge of the Subject Property looking southwest.



**Photograph 5:**  
Southwest edge of the subject property looking northwest.



**Photograph 6:**  
Adjacent property to the north looking at Nebraska Street with residential and commercial properties beyond.





**Photograph 7:**  
Adjacent property to the south looking at South Water Street with undeveloped land beyond.



**Photograph 8:**  
Adjacent property to the west looking at commercial properties.





**Photograph 9:**  
Adjacent property to the east looking at residential properties.



**Photograph 10:**  
View of concrete blocks and residential debris.





**Photograph 11:**  
**View of fill pile and one pole mounted transformer in the background on the Subject Property.**




**Photograph 12:**  
**View of a driveway from previous uses for the Subject Property.**

# **APPENDIX D**

---

## **Historical Aerial Photographs and Topographic Maps**



APN 179-18-811-001

South Water Street

Henderson, NV 89015

Inquiry Number: 4640300.9

June 07, 2016

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Aerial Photo Decade Package

06/07/16

**Site Name:**

APN 179-18-811-001  
South Water Street  
Henderson, NV 89015  
EDR Inquiry # 4640300.9

**Client Name:**

McGinley Associates  
815 Maestro Drive  
Reno, NV 89511  
Contact: Lauren Bruno



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.

### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2004	1"=750'	Flight Date: June, 27 2004	USGS
1999	1"=750'	Flight Date: September, 15 1999	USGS
1991	1"=500'	Flight Date: October, 01 1991	NAG
1990	1"=500'	Acquisition Date: May, 02 1990	USGS/DOQQ
1981	1"=500'	Flight Date: June, 09 1981	USDA
1975	1"=500'	Flight Date: April, 03 1975	NHD
1971	1"=500'	Flight Date: April, 27 1971	NHD
1958	1"=1000'	Flight Date: July, 11 1958	USGS
1950	1"=500'	Flight Date: July, 11 1950	USGS

**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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Subject Property

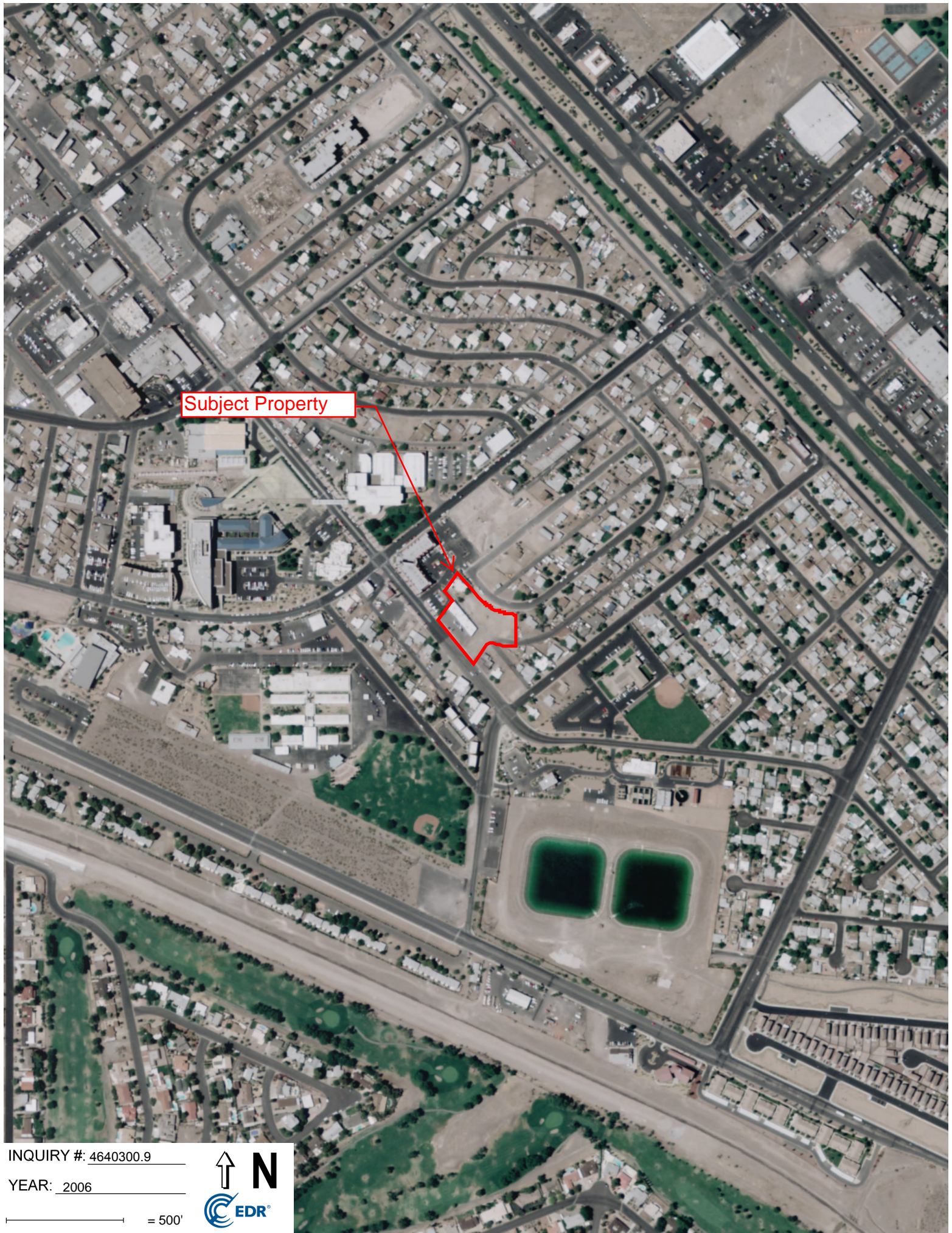
INQUIRY #: 4640300.9

YEAR: 2010

500'







Subject Property

INQUIRY #: 4640300.9

YEAR: 2006

— = 500'







Subject Property

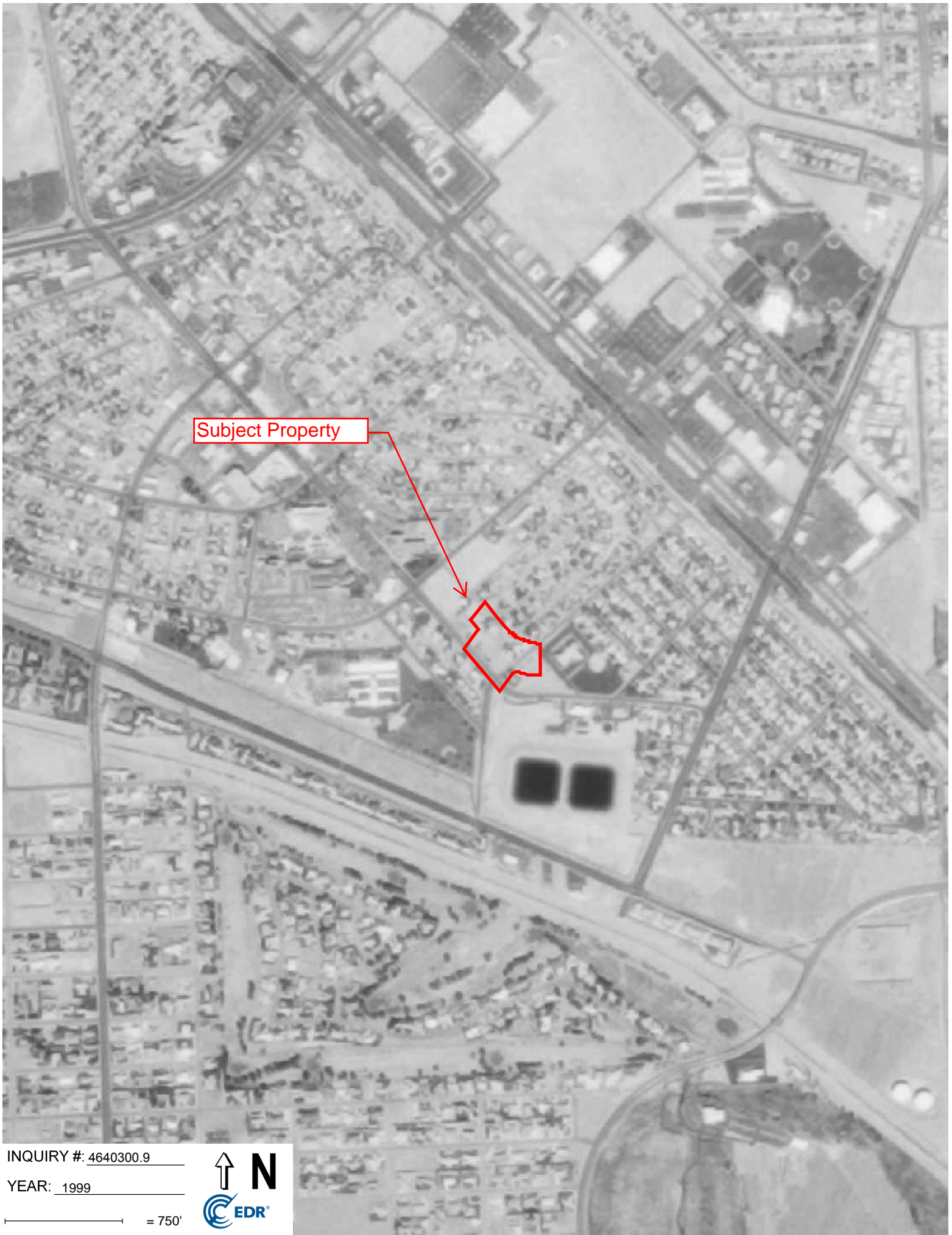
INQUIRY #: 4640300.9

YEAR: 2004

750'







INQUIRY #: 4640300.9  
YEAR: 1999  
= 750'





Subject Property

INQUIRY #: 4640300.9

YEAR: 1991

— = 500'







INQUIRY #: 4640300.9

YEAR: 1990

— = 500'







Subject Property

INQUIRY #: 4640300.9

YEAR: 1981

— = 500'







Subject Property

INQUIRY #: 4640300.9

YEAR: 1975

— = 500'







Subject Property

INQUIRY #: 4640300.9

YEAR: 1971

— = 500'











Subject Property

INQUIRY #: 4640300.9

YEAR: 1950

— = 500'






# **APPENDIX E**

---

## **Sanborn Map Report and City Directory Listings**



APN 179-18-811-001

South Water Street

Henderson, NV 89015

Inquiry Number: 4640300.3

June 07, 2016

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

06/07/16

**Site Name:**

APN 179-18-811-001  
South Water Street  
Henderson, NV 89015  
EDR Inquiry # 4640300.3

**Client Name:**

McGinley Associates  
815 Maestro Drive  
Reno, NV 89511  
Contact: Lauren Bruno



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

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

## Certified Sanborn Results:

**Certification #** 0997-40BD-B197

**PO #** NA

**Project** BRN035

### UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 0997-40BD-B197

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

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

*The Sanborn Library LLC Since 1866™*

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**APN 179-18-811-001**

South Water Street  
Henderson, NV 89015

Inquiry Number: 4640300.5  
June 08, 2016

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

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

### RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1966	<input type="checkbox"/>	<input type="checkbox"/>	Luskey Brothers & Co., Inc.
1959	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory

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## FINDINGS

### TARGET PROPERTY STREET

South Water Street  
Henderson, NV 89015

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

### S WATER ST

2013	pg A4	Cole Information Services	
2008	pg A7	Cole Information Services	
2003	pg A10	Cole Information Services	
1999	pg A14	Cole Information Services	
1995	pg A17	Cole Information Services	
1992	pg A19	Cole Information Services	
1966	-	Luskey Brothers & Co., Inc.	Street not listed in Source
1959	pg A22	Polk's City Directory	
1959	pg A23	Polk's City Directory	

## FINDINGS

### CROSS STREETS

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

### NEBRASKA AVE

2013	pg. A2	Cole Information Services	
2008	pg. A5	Cole Information Services	
2003	pg. A8	Cole Information Services	
1999	pg. A12	Cole Information Services	
1995	pg. A16	Cole Information Services	
1992	pg. A18	Cole Information Services	
1966	-	Luskey Brothers & Co., Inc.	Street not listed in Source
1959	pg. A21	Polk's City Directory	

## **City Directory Images**

## NEBRASKA AVE 2013

202	HEATH JACKSON
203	KARI LEE
204	LISA DAVIS
206	OCCUPANT UNKNOWN
207	BRIAN WILLIAMS
210	OCCUPANT UNKNOWN
211	SCOTT STEHNO
214	EDWIN PARK
215	KIMBERLEE BRAY
219	ROBERT WATKINS
222	ROBERT GONZALES
226	ROBERT MAGDALENO
230	OCCUPANT UNKNOWN
231	OCCUPANT UNKNOWN
234	OCCUPANT UNKNOWN
235	FORREST ABLEMAN
	RAY DELILLO
238	HERBERT KEGLER
239	GWEN DURAN
243	SHANNON HICKS
247	JASON BUSCH
250	HOYT JOSHUA
	JOSHUA HOYT
	MICHELLE TUBUDLO
251	MICHAEL SALAZAR
254	MICHAEL CORTI
255	RUTH MIRANDA
259	ROY WILLIAMS
261	OCCUPANT UNKNOWN
314	MOTHERS CARE HOME HEALTH SERVICE
322	OCCUPANT UNKNOWN
326	OCCUPANT UNKNOWN
327	DIANE LUCIANO
330	OCCUPANT UNKNOWN
331	MICHAEL LINSCHOTEN
334	JENNIFER DELONG
335	OCCUPANT UNKNOWN
338	WILLIAM EIGHMY
339	CARL CARLSON
342	DENNIS HAYDEN
346	VAL BELLO
347	CAREN WAHLER
350	GLENN FOWLER
351	MARVIN MARTINEZ
354	MARY BRADSTREET
355	JACQUELINE MCCRACKEN
	KRISTAL DECARLIS
358	GERALD THOMURE
359	ANDREA DAVIS
362	CLAUDIA MCCLARY

**NEBRASKA AVE 2013 (Cont'd)**

363	RICHAR WILLIAMS
366	OCCUPANT UNKNOWN
367	WINFRED COOK
371	WILLIAM BLACKBURN
375	OCCUPANT UNKNOWN
379	SASHENE POWELL
383	SAM STOECKINGER
387	HOPE REID
391	EDWARD DUNDAS

**S WATER ST 2013**

200	CITY OF HENDERSON
	HENDERSON INSURANCE AGENCY THE
203	WATER STREET GRILL
207	BETTE PEISKER
215	LOTUS THE
223	BONNIE GRANT INSURANCE AGENCY
	GREEN VALLEY HENDERSON BOULDER CITY
	MAYFIELD GRUBER & SHEETS
240	CITY OF HENDERSON
243	CITY OF HENDERSON
	COUNTY OF CLARK
	HENDERSON JUSTICE COURT
280	HENDERSON DISTRICT PUBLIC LIBRARIES
	HENDERSON LIBRARIES
292	ROLAND BROWN
302	7ELEVEN
304	LOCKSMITH 24 HOUR 7 DAY SERVICE
306	EMERYS LA BARRISTA CATERING III
	LOCKSMITH & 1 AVAILABLE LOCKOUT SERV
311	O C PROPERTIES LLC
318	OCCUPANT UNKNOWN
322	OCCUPANT UNKNOWN
331	AB SCREEN PRINTING
	BEACH RETREAT THE
333	HAROLD COE
334	ELEMENTS SALON
338	ANTIQUE ROSE FLORIST
342	GEORGE COYNE
	GONZALEZ GONZALEZ
	HOWARD HUBALEK
	NICK MUSOLINO
400	BLACK MOUNTAIN STAKE
436	1 24 EMERGENCY 1 LOCKSMITH
460	SHARON MAZEROV-TANAKA
461	VELMA TANEY
466	RUSSELL SILLITOE
467	ROBERT BUMANN
472	OCCUPANT UNKNOWN
473	WILLIAM BROOKS
478	TIM KELLEY
484	OCCUPANT UNKNOWN
485	KAYDEN CAMPBELL
491	BRYANT BERGMAN



**NEBRASKA AVE 2008**

202	OCCUPANT UNKNOWN
203	EDWARD WAYMIRE
206	OCCUPANT UNKNOWN
207	BRIAN WILLIAMS
210	TATSUO ISOBE
211	ROSETTA COMBS
214	EDWIN PARK
218	BARTLETTS GEM SHOP
	EVERETT BARTLETT
219	CHRIS WATKINS
222	ROBERT GONZALES
223	JEANETTE MICHAELSON
227	OCCUPANT UNKNOWN
230	LORI DYER
231	PRISCILLA SCOTT
234	RONALD FORBUSH
235	JACQUELINE MCCRACKEN
	WILLIAM GRESS
238	KIRBY QUALLS
239	MIKE DURAN
	TERESA SAMPSON
242	B ANDERSON
	DAMIAN BILLINGS
	DAVID GRAY
	ROBERT MAIER
243	PATRICK LLOYD
250	JOSHUA HOYT
	LILY BUTLER
	M GARBER
	MICHAEL SCHMIDT
251	MICHAEL SALAZAR
254	KATHRYN VAILLANCOURT
255	JESUS MIRANDA
259	HEBER DRAPER
261	MELISSA MAGEE
314	OCCUPANT UNKNOWN
322	OCCUPANT UNKNOWN
326	OCCUPANT UNKNOWN
327	DIANE LUCIANO
330	OCCUPANT UNKNOWN
331	MICHAEL LINSCHOTEN
334	OCCUPANT UNKNOWN
335	GLENN CRISLER
338	WILLIAM EIGHMY
339	ABC JANITORIAL
	RUSTY CARLSON
342	DENNIS HAYDEN
343	RUTH MACIAS
346	VAL BELLO
347	DANETT LUPO

**NEBRASKA AVE 2008 (Cont'd)**

350	DANEI FOWLER
351	A A WORKS
	JOYCE TAUS
354	ARTHUR BRADSTREET
	JIMS WOOD N THINGS
355	KRISTAL DECARLIS
358	GERALD THOMURE
359	KEITH WALKER
362	OCCUPANT UNKNOWN
363	JERRY PENNINGTON
366	CHRISTINE OWEN
367	WINFRED COOK
371	OCCUPANT UNKNOWN
375	PABLO LOPEZ
379	SASHENE POWELL
383	TYSON ANDREWS
387	HOPE REID
391	ARTHUR DELGADO

**S WATER ST 2008**

219	THE LOTUS CHINESE RESTAURANT
223	ALL STAR BAIL BONDS
	ALL STAR HENDERSON GREEN VALLEY BOUL
	FIRST BAPTIST CHURCH
	GREEN VALLEY BAIL BONDS
	GREEN VALLEY HENDERSON BOULDER CITY
	LAW OFFICES OF MAYFIELD TURCO & GR
227	NEVADA POWER CO
240	CITY OF HENDERSON
	DICK
243	CITY OF HENDERSON
	CITYHENDERSON MUNICIPAL COURT
280	FRIENDS OF THE HENDERSON DISTRICT PU
	HENDERSON DISTRICT PUBLIC LIBRARY
292	ROLAND BROWN
303	CLARK COUNTY CREDIT UNION
	ITS A GRIND COFFEE HOUSE
306	LA BARRISTA CATERING II INC
314	ASSET REALTY MANAGEMENT
322	DEBRA TRUJILLO
323	ASSET REALTY
330	OCCUPANT UNKNOWN
331	BEACH RETREAT THE
	DESERT ROSE SALON
	STILL SEW BUSY
333	EVA THOMPSON
334	AMERICAN NATIONAL INSURANCE
	ELEMENTS
	GAVIN WALKER
	OH SUCH GIFTS
338	ANTIQUE ROSE FLORIST
342	A DOLAN
	GEORGE COYNE
	HOWARD HUBALEK
	LUZ RUIZ
460	OCCUPANT UNKNOWN
461	VELMA TANEY
466	OCCUPANT UNKNOWN
	OCEANSIDE PROPERTIES
467	ROBERT BUMANN
472	JENNIE TOMLINSON
473	WILLIAM BROOKS
475	TIM KELLEY
478	ASHLEY KELLEY
484	ONA HARRIS
485	OCCUPANT UNKNOWN
	PERFORMANCE WEB DESIGNS
491	OCCUPANT UNKNOWN

**NEBRASKA AVE 2003**

202	WILLIAM DAWSON
203	EDWARD WAYMIRE
204	MICHELLE PACHOLKE
206	OCCUPANT UNKNOWN
207	ADOLPH MAEZ
210	JUDY MARTINDALE
211	DEBRA FIRMAN
214	EDWIN PARK
215	SHEREE SMITH
218	LUETTA BARTLETT
219	DEBRA FISHER
	SCOTT MAINES
222	ROBERT GONZALES
223	JEANETTE MICHAELSON
227	KATHLEEN BURROUGHS-SANCHEZ
230	LORI BROSCARD
234	ROBERT LEAVITT
235	KEVIN PETERSON
238	WAYNE PEARSON
242	JAMES WARD
246	DAVID GREEN
247	JASON BUSCH
250	SHERRIS TIMESAVERS
251	OCCUPANT UNKNOWN
254	JOSEPHINE FINN
255	JESUS MIRANDA
259	EDWARD WELLAND
261	JOHN MITCHELL
314	OCCUPANT UNKNOWN
327	DIANE LUCIANO
330	OCCUPANT UNKNOWN
331	JEAN WALSH
334	ESTER RAEDER
335	OCCUPANT UNKNOWN
338	WILLIAM EIGHMY
339	ABC JANITORIAL
	CARL CARLSON
342	AMIE WEST
343	MARLENE TREJO
346	VAL BELLO
350	ANDREW WIRSING
351	DONALD TAUS
354	ARTHUR BRADSTREET
355	GARY SPRADLING
358	MARK SANTORO
359	KEITH WALKER
362	ROD WINKLER
366	JACQUELINE BEST
367	WINFRED COOK
371	WILLIAM BLACKBURN

**NEBRASKA AVE 2003 (Cont'd)**

375	JAMES GRANT
379	OCCUPANT UNKNOWN
383	WENDELL PICKRELL
387	HOPE REID

**S WATER ST 2003**

215	THE LOTUS
219	COUGAR CONSTRUCTION CORP
	JENSENS REALTY
	OCCUPANT UNKNOWN
221	BRIAN HANCOCK
223	A & W CLEANING SERVICE
	ALL STAR BAIL BONDS
	ALL STAR HENDERSON BAIL BONDS
	GREEN VALLEY HNDRSN BLDR CITY
	MAYFIELD TURCO & GRUBER
	MYFLD TURCO & GRBR LAW OFC
240	DICK CORP
	HENDERSON CITY
	HENDERSON CITY OF GRFT RMVL
	HNDRSN CITY OF CMNTY PLNNG
	HNDRSN CITY OF EMRGNCY MNGMNT
	MNCPLTY OF THE CITY OF HNDRSN
	RONALD SAILON
243	CLARK CNTY OF CNSTBL EARL MTCH
	HENDERSON DETENTION CTR
	OCCUPANT UNKNOWN
	RODNEY T HONORABLE BURR
280	OCCUPANT UNKNOWN
302	7 ELEVEN STORES
303	KENNYS BAIL BONDS
306	OCCUPANT UNKNOWN
319	FOUR SEASONS CLEANERS
	NATALIE SHAW
322	OCCUPANT UNKNOWN
330	GREV MCMILLIN
331	A2Z TV VCR REPAIR
	DESERT ROSE SALON
	VICTORIA ALLEN
333	EVA THOMPSON
334	CLOUD CARPETS & DRAPERIES
	OCCUPANT UNKNOWN
338	FTD FLORIST
	OCCUPANT UNKNOWN
342	A DOLAN
	F ROBERTS
	JAMES HAMILTON
460	DEREK TANAKA
461	VELMA TANEY
466	REBEKAH SILLITOE
467	OCCUPANT UNKNOWN
472	OCCUPANT UNKNOWN
473	WILLIAM BROOKS
478	TIM KELLEY
479	OCCUPANT UNKNOWN
484	OCCUPANT UNKNOWN

**S WATER ST**

**2003**

**(Cont'd)**

485 MARK PITTSLEY  
491 LOUISE BOYER



**NEBRASKA AVE 1999**

202	FRANK DAWSON
203	EDWARD WAYMIRE
204	OCCUPANT UNKNOWN
206	OCCUPANT UNKNOWN
207	ADOLPH MAEZ
210	OCCUPANT UNKNOWN
211	OCCUPANT UNKNOWN
214	OCCUPANT UNKNOWN
215	PAUL LAVIGUEUR
218	OCCUPANT UNKNOWN
219	DAVID URBAN
222	OCCUPANT UNKNOWN
223	OCCUPANT UNKNOWN
227	OCCUPANT UNKNOWN
230	OCCUPANT UNKNOWN
231	HELEN DOWNEY
234	MATT LEAVITT
238	OCCUPANT UNKNOWN
239	OCCUPANT UNKNOWN
242	JAMES WARD
243	OCCUPANT UNKNOWN
246	OCCUPANT UNKNOWN
247	JASON BUSCH
250	ANDREW LICURSI
251	OCCUPANT UNKNOWN
254	OCCUPANT UNKNOWN
255	JESUS MIRANDA
259	EDWARD WELLAND
322	ALBERT SCHAFER B STANTON
326	MATTHEW ZANATTA WOODROW KNOX
327	DIANE LUCIANO
330	JUDITH NELSON
331	JEAN WALSH
334	ESTER RAEDER
335	SHEILA SCOTT
338	MARY EIGHMY
339	ABC JANITORIAL
342	OCCUPANT UNKNOWN
343	OCCUPANT UNKNOWN
346	VAL BELLO
347	OCCUPANT UNKNOWN
350	ANDREW WIRSING
351	JOYCE TAUS
354	ARTHUR BRADSTREET
355	OCCUPANT UNKNOWN
358	OCCUPANT UNKNOWN
359	ERIC WALKER
362	C WHITE

**NEBRASKA AVE 1999 (Cont'd)**

363	OCCUPANT UNKNOWN
367	WINFRED COOK
371	SHERYL CZOMBOS
375	JACK MARTINDALE
379	OCCUPANT UNKNOWN
383	HATTIE PRICE
387	OCCUPANT UNKNOWN
391	DONNA MCLEAN

**S WATER ST 1999**

219	BRIDGEPORT INVESTMENTS INCORPORATED DON JENSEN HIGHFIELD EQUITIES JENSEN REALTY LOTUS THE OAKRIDGE CAPITOL COMPANY PRUDENTIAL JENSENS REALTY HENDERSON SAYBROOK VENTURES INCORPORATED STERLING INVESTMENTS SUMMIT AVIATION INCORPORATED WEST VAN HOLDINGS INCORPORATED WOODLEIGH VENTURES INCORPORATED
223	A B BAILS ALL STAR BAIL BONDS GREEN VALLEY HENDERSON BOULDER CITY BAIL BONDS
227	NEVADA POWER COMPANY HENDERSON OFFICE
240	FIRE DEPARTMENT HENDERSON C HENDERSON CITY OF CITY ATTORNEY HENDERSON CITY OF EMPLOYMENT OPPORTUNITIES TAPE HENDERSON CITY OF FIRE MARSHAL HENDERSON CITY OF FREQUENTLY CALLED NUMBERS GEN I HENDERSON CITY OF GRAFFITI REMOVAL HENDERSON CITY OF MUNICIPAL COURT
242	OCCUPANT UNKNOWN
243	CLARK COUNTY OF CONSTABLE EARL MITCHELL CLARK COUNTY OF JUSTICE COURT OF HENDERSON HENDERSON CITY OF DEPUTY CITY ATTORNEY HENDERSON CITY OF MUNICIPAL COURT HENDERSON CITY OF POLICE DEPARTMENT HENDERSON JUSTICE COURT HUGHES SHAUNA M ATTORNEY SAILON RONALD ATTORNEY URBAN ANDREW ATTORNEY
245	JAMES MCEVOY
247	JESSICA RENDE
280	HENDERSON DISTRICT PUB LIBRARIES JAMES I GIBSON BR HENDERSON DISTRICT PUB LIBRARIES JAMES I GIBSON BRANCH JAMES I GIBSON LIBRARY
302	7 ELEVEN STORES
303	JOULE BEAUTY BOUTIQUE KENNYS BAIL BONDS
311	AFFAIR WITH HAIR IN HENDERSON AMERICAN AIRBRUSH INCORPORATED ON THE WILD SIDE TATTOO P & S APPLIANCE REPAIR
315	BLACK MOUNTAIN CHRISTIAN SCHOOL
317	BLACK MOUNTAIN FELLOWSHIP
318	M MEAD
319	A HAIRITAGE FULL FAMILY SERVICE SALON INCORPORATED FOUR SEASONS CLEANERS

## S WATER ST

1999

(Cont'd)

322	OCCUPANT UNKNOWN
327	OCCUPANT UNKNOWN
330	ALVERA MCMILLIN
331	A2Z TV VCR REPAIR
	ACUTE GROOMING SHOP
	DFL TV VCR REPAIR
	LABOR FINDERS
332	OCCUPANT UNKNOWN
333	EVA THOMPSON
334	CLOUD CARPETS & DRAPERIES
338	ANTIQUE ROSE FLORIST
342	GEORGE COYNE
	GERRY JOHNSON
	HOWARD HUBALEK
460	KENNETH WARD
461	VELMA TANEY
466	OCEANSIDE APARTMENTS
	WAYNE SILLITOE
467	DEONNE SWEET
472	ALICE ESPINOZA
473	WILLIAM BROOKS
478	DAVID DANCER
479	BOYD ALEXANDER

**NEBRASKA AVE 1995**

202	DAWSON, FRANK T
203	WAYMIRE, EDWARD
207	MAEZ, ADOLPH J
214	PARK, EDWIN
215	SHIMER, V M
218	BARTLETT, FRANK L
230	PRICE, ERIC
231	DOWNEY, JOHN A
242	MYERS, DAVID L
250	CHRISTISON, LARRY G
	GARBER, MARY
255	MIRANDA, JESUS F
259	PHILLIPS, K
302	HIETBRINK, RICHARD
306	PETITE, HELEN
310	HARLESS, MIKEAL
322	STANTON, B
327	LUCIANO, DIANE A
334	MEMORIAL FLAG CASING INC
335	BOWEN, GRACIA
339	B & W MAINTENANCE
346	COPPAGE, CHARLES D
347	MARI, MARIO R
350	WIRSING, ANDREW G
351	TAUS, JOYCE C
355	COEN, MARY R
358	MARTINEZ, ALFRED
359	WALKER, ERIC
363	SEEDIG, W A
367	COOK, WINFRED G
371	COOK, WINFRED JR
375	CARTER, OSCAR
391	MCLEAN, D M

**S WATER ST 1995**

219	HENDERSON FOOT CLINIC HENDERSON NECK & LOW BACK CLNC JENSENS REALTY
223	ALL STAR BAIL BONDS GOTTENBORG, CHRIS R LAND TITLE OF NEVADA INC
240	HENDERSON CITY HALL U S CONGRESSMAN
241	CLARK COUNTY CONSTABLE
243	HENDERSON MUNICIPAL COURT HUGHES, SHAUNA M RONALD SAILON SAILON, RONALD URBAN, ANDREW
280	HENDERSON PUBLIC LIBRARY
302	7 ELEVEN FOOD STORE
303	BEAUTY CORNER
307	KXTZ
311	AFFAIR WITH HAIR IN HENDERSON P & S APPLIANCE REPAIR WILLIAM J FARMER CPA
315	BLACK MOUNTAIN CHRISTIAN DAY
317	BLACK MOUNTAIN FELLOWSHIP
319	A HAIRTAGE FULL FAMILY SVC INC FOUR SEASONS CLEANERS
327	KNOWLTON, RALPH R
330	MCMILLIN, ALVERA
331	DONNAS DOG GROOMING LABOR FINDERS PHILLIPS RADIO & TV
333	THOMPSON, EVA
334	CLOUD CARPETS & DRAPERIES
338	ANTIQUE ROSE FLORIST
342	COYNE, GEORGE GOODRICH, M O SAJDERA, MAX
450	CIRCLE K FOOD STORE
460	DARRAH, LEONARD H
466	SILLITOE, WAYNE R WAYNE R SILLITOE
467	BEN SWEET CONSULTANT SURVEYOR

**NEBRASKA AVE 1992**

202	DAWSON, FRANK T
203	WAYMIRE, EDWARD
204	NOEL, DONALD W
207	MAEZ, ADOLPH J
218	BARTLETT, FRANK L
219	AUSTGEN, H
	KRAMER, SCOTT
222	GONZALES, ROBERT R
227	JORGENSEN, JESSIE
231	DOWNEY, JOHN A
234	KELLAR, L P
239	PERKINS, RICHARD O
254	GUTIERREZ, MARK A
302	HIETBRINK, RICHARD
306	PETITE, HELEN
310	HARLESS, MIKEAL
314	FARMER, DALE G
326	WAGSTAFF, ROBERT
	WHITE, TERRI
331	WALSH, JEAN P
346	ARNDT, DAVE L JR
	HUMPHREY, V
347	MARI, MARIO R
350	FOOTE, WARREN L
351	TAUS, JOYCE C
354	SUNSHINE JANITORIAL
359	WALKER, ERIC
363	SEEDIG, W A
366	ADAMS, ANNIE M
367	VONREE, CARL
371	COOK, WINFRED JR
375	CARTER, OSCAR
383	PRICE, GARY
391	MCLEAN, DONNA M

# S WATER ST 1992

219	DEBELLIS JOSEPH A DEMILLE M J DC HENDERSON FOOT CLN JENSEN REALTY RLTR REED ROGER B DPM SCHOFIELD W J JR MD Y & J CORP
223	HENDERSON FOOT CLN JOHN, W G LAND TITLE NV INC MARCHIANO JOHN ATTY MARCHIANO JOHN F REED ROGER B DMP SCHMUTZ, KENNETH
227	NEVADA POWER CO
240	CITY HALL HENDERSON CITY HALL
241	CLARK CO JUSTICE CT CO CONSTABLE CO JUSTICE COURT HENDERSON JUSTIC CT
243	HENDERSON POLICE HUGHES SHAUNA M SAILON RONALD URBAN ANDREW
280	HENDERSON LIBRARY
302	7-ELEVEN
303	BEAUTY CORNER THE BON VOYAGE TOUR
307	KXTZ FM 94
310	VAUGHAN, ESTHER N
311	AFFAIR WITH HAIR FARMER W J CPA SCOTTS PRINTING
314	RANDOLPH, NANCY
319	A HAIRITAGE FMLY FOUR SEASONS CLNRS HENDERSN THERAPY CL RANDALL WILLIAM P SOUTHRN NEV PHYSICA
327	KNOWLTON, RALPH R
330	MCMILLIN, A
331	DONNAS DOG GROOMING LABOR FORCE OF NV PHILLIPS RADIO&TV
333	THOMPSON, EVA
334	AUGSPURGER CONSTR HENDERSON FLR CVRNG
338	ANTIQUE ROSE FLRST
342	BURNS, WILLIAM E



**S WATER ST****1992****(Cont'd)**

342	EGGLESTON, THOMAS
	FARGE, ROGER H
	GOODRICH, M O
	SAJDERA, MAX
	SAJNA, LEROY
440	CIRCLE K STORE 1366
460	DARRAH, LEONARD H
466	OCEANSIDE APTS
	SILLITOE WAYNE
	SILLITOE, WAYNE R
467	BEN SWEET CONSULTNT
478	FANNIN, L C

## NEBRASKA AVE 1959

# NEBRASKA AVENUE — From

14 Atlantic northeast to Basic rd west and semi-circle back to W Basic rd

- 202 McCullum W E ΔFR 4-8461  
Walters Donald ΔFR 4-8461  
203 Detomasi Don J ⊙ ΔFR 4-4813  
206 Swift Richd L ΔFR 2-4374  
207 Hansen Gary R ⊙ ΔFR 4-8411  
210 Runkle Robt ⊙  
211 Kelley Geo F ⊙ ΔFR 4-4794  
214 Park Edwin F ⊙ ΔFR 4-8591  
215 Mendive Peter R ⊙ ΔFR 4-8414  
218 Bartlett Frank L ⊙ ΔFR 4-7971  
219 DeSart L A ΔFR 4-8413  
222 O'Neal Merchant D ⊙ ΔFR 4-7551  
223 Farris Delmar M ⊙ ΔFR 4-8672  
226 Vacant  
227 Chaffin Terry P ⊙ ΔFR 4-7983  
230 Kinsley Maurice F ⊙ ΔFR 2-6744  
231 Downey John A ⊙  
234 Kellar Lawrence P ⊙ ΔFR 4-5621  
235 Warren Jack W ⊙ ΔFR 4-4412  
238 Hoffman May ⊙ ΔFR 4-7552  
239 Micklin Marge Mrs ΔFR 4-4341  
242 Pagan Osward  
243 Matson Norris L ⊙  
246 Sandin David W ⊙ ΔFR 2-3271  
247 Fletcher Ernest E ⊙ ΔFR 4-7482  
250 Thompson Guy  
251 Conyer John ΔFR 4-5962  
254 Gove Glenn ⊙ ΔFR 2-6771  
255 Miranda Jesus ⊙  
259 Watson Harold G ⊙ ΔFR 4-8671

## Basic rd intersects

- 302 Hietbrink Richd D ⊙  
306 Pope Alf R ΔFR 4-4802  
310 Winall W P ⊙ ΔFR 2-5383  
314 Lindesmith Orando R ⊙ ΔFR 2-5384  
318 Hall Max E ΔFR 4-4421  
322 Edwards Lenard J ⊙ ΔFR 4-5694  
326 McGuire Robt ⊙ ΔFR 4-4423

- 327 Blake David ⊙ ΔFR 4-7881  
330 Crisler Ferdinand C jr ⊙ ΔFR 4-4042  
331 Rogers Mary Mrs ⊙ ΔFR 4-4924  
334 Clements Gerald ⊙ ΔFR 4-3881  
335 Wood H M ⊙ ΔFR 2-7122  
338 Hartley LaVenard E ⊙ ΔFR 4-4041  
339 Herrington Mona B Mrs ⊙ Nichols Ivan R ⊙ ΔFR 4-7883  
342 Watkins Delbert R ⊙ ΔFR 2-5854  
343 Herrington Dewey J ⊙ ΔFR 4-8364  
346 Humphrey Viola Mrs ⊙  
347 Burleson Jos  
350 Guinn Andrew C ⊙ Foote Warren L  
351 Waldren Frank ⊙ ΔFR 4-4922  
354 Eschbach P K ⊙ ΔFR 4-4033  
355 Pico W Gerald ⊙ ΔFR 4-8782  
358 Cox John G  
359 Jones Thos L ⊙ ΔFR 4-5674  
362 Terry Jas W ΔFR 4-4032  
363 Beck Kenneth W ⊙  
366 Ray Harold B ⊙ ΔFR 4-8954  
367 LaFountaine Otto O ⊙  
371 Nelson McCall  
375 Phillips Jos H ⊙ ΔFR 4-8441  
379 Kelley Geo R ⊙ ΔFR 4-8924  
383 Linford Jos H ⊙ ΔFR 4-8953  
387 Pierce Ernest R ⊙ ΔFR 4-8922  
391 Gould Frank J ⊙ surveyor ΔFR 4-8952

2

# NEVADA WAY — From Frontier hwy & Victory rd south

- 2 Miller Dale K ⊙ ΔFR 4-5721  
3 Sharp John E ⊙ ΔFR 4-8811  
6 Sturm Thelma Mrs ⊙ ΔFR 4-5722  
7 Kellner Frank J  
10 Grosscurth Jas C ⊙ ΔFR 4-5723  
11 Clow Melvin L ⊙ ΔFR 4-4704  
14 Baldwin Violet Mrs ΔFR 4-3593  
15 Wallenmeyer Fred E  
18 No return



## S WATER ST 1959

R. L. POLK &amp; CO.'S

## Water—Contd

- |  |  |
|--|--|
| <p>31 Wilkerson Leonard P ΔFR 2-4421</p> <p>34 Vacant</p> <p>35 Hamblin Robt B ⊙ ΔFR 2-7354</p> <p>37 Ray's Barber Shop</p> <p>38 Marshall Paul T dentist Δ FR 2-5041</p> <p>38 Marshall Paul T dentist Δ FR 2-5041</p> <p>39 Savoie Beauty Salon ΔFR 2-4501</p> <p>42 Gordon-Morrell Ins Agcy ΔFR 2-2345</p> <p>Morrell Realty &amp; Ins ΔFR 2-2222</p> <p>Morris J D Jeweler ΔFR 2-2211</p> <p>Farmers Ins Group ΔFR 2-2345</p> <p>43 C&amp;S Second Hand Store genl mdse</p> <p>45 Neville Thos E</p> <p>46 Bowden Wm G ⊙</p> <p>47 United Steel Workers of America (AFL-CIO) Local 4856 ΔFR 2-3831</p> <p>50 Satterlee Richd E ΔFR 4-7032</p> <p>51 LasVegas Review Journal (circulation ofc) ΔFR 2-1631</p> <p>Las Vegas Review Journal (editorial ofc) ΔFR 2-1631</p> <p>LasVegas Review Journal (adv ofc) ΔFR 2-1631</p> <p>54 Vacant</p> <p>55 Henderson District Public Library ΔFR 2-4301</p> <p>56 Vacant</p> <p>58 Bell's Hancock Serv ΔFR 2-2691</p> <p>104 Telephone &amp; Telegraph Bldg 1</p> <p>Henderson Chamber of Commerce ΔFR 2-3222</p> <p>Henderson Telephone Co Inc ΔFR 2-1191</p> <p>Western Union Teleg Co Δ FR 2-1201</p> <p>Trumbo Hershel L ofc Δ FR 2-1211</p> <p>104 Retail Merchants</p> <p>107 Malcolm David G acct Δ FR 2-3211</p> <p>111 Water Street Barber Shop Russell Laday</p> <p>119 Gunville's furn ΔFR 2-5951</p> <p style="text-align: center;"><b>W Army intersects</b></p> <p>121 Vacant</p> | <p>123 Jimmy's Family Shoe Store ΔFR 2-4441</p> <p>Cottingham Harry A acct ΔFR 2-2811</p> <p>123a LaPorta Ins Agcy ΔFR 2-1221</p> <p>LaPorta Realty ΔFR 2-1221</p> <p>123b Kiddie Korner &amp; Gift Nook clo ΔFR 2-5691</p> <p>123c Cake Box Bakery ΔFR 2-5681</p> <p>133 Ideal Appliances ΔFR 2-4511</p> <p>135 Budget Finance Plan ΔFR 2-1888</p> <p>139 Polar Queen restr ΔFR 2-4201</p> <p>147 Henderson Furn Co ΔFR 2-1811</p> <p>150 Under constn</p> <p>151 Lindblom E Richd optom</p> <p>155 Gold Bond Serv gas sta Δ FR 2-2444</p> <p style="text-align: right;">4</p> <p style="text-align: center;"><b>Atlantic intersects</b></p> <p>203 Lattin Eug S ⊙ ΔFR 2-6384</p> <p>207 Reeves Emron M ⊙ ΔFR 2-6382</p> <p>211 Brown Geo W ⊙ ΔFR 2-6313</p> <p>215 Anderson David L</p> <p>219 Fleming Geo L</p> <p>223 Cardy's Radio &amp; TV Repr ΔFR 2-6451</p> <p>223½ Cardwell L D ⊙ ΔFR 2-6451</p> <p>225 Vacant</p> <p>227 Chambers Marjorie L Mrs ⊙ beauty shop ΔFR 2-3461</p> <p>Rand Sherwood M ⊙ ΔFR 2-4531</p> <p>231 Caryle Pat R portrait shop ΔFR 2-3611</p> <p>235 Peer Alvah L ⊙ ΔFR 4-3413</p> <p>239 Reid Kenneth E ⊙ ΔFR 2-6444</p> <p>243 Eckhout Louise Mrs ⊙ Δ FR 2-6443</p> <p>247 Adams Burt J</p> <p>251 Henman Floyd E ΔFR 4-5914</p> <p>255 Byrne Wm B ⊙</p> <p>259 Marriott Helen M Mrs Δ FR 2-6143</p> <p style="text-align: center;"><b>Basic rd intersects</b></p> <p>302 Peterson Alan K ΔFR 4-8144</p> <p>303 Scott Neill L</p> <p>306 Smith Glen S ⊙ ΔFR 4-8681</p> <p>307 Stanz Edw J ΔFR 2-3161</p> |
|--|--|



## S WATER ST 1959

567 Av. "C"

(Boulder City) Tel. 394

## HENDERSON DIRECTORY OF HOUSEHOLDERS

## Water—Contd

- Stanz Lillian M beauty shop  
ΔFR 2-3161
- 310 Vaughan Larry E ⊙ ΔFR  
4-7802
- 311 Rust Zenna Mrs ⊙ ΔFR  
4-7371
- 314 Thanel Frank C ⊙
- 315 Danneberger M D plmb Δ  
FR 2-8631
- Sapp Elbert L
- 318 Mead John W ⊙ ΔFR  
2-5531
- 319 Anderson Lorin J ⊙ ΔFR  
4-4422
- 322 Ebert Fred J ⊙ ΔFR 4-4914
- 323 Evans Albert ⊙ ΔFR  
4-4424
- 326 Laske Geo A ⊙ ΔFR 4-8683
- 327 Knowlton Ralph R ⊙ ΔFR  
4-5693
- 330 McMillin Grove W ⊙ ΔFR  
4-5921
- 331 Harden W Russell ⊙ ΔFR  
4-5692
- 333 Superior Radio & TV Serv  
ΔFR 4-7431
- 334 Patterson Jo Ellen Mrs  
Jones Constn Co ΔFR  
2-6964
- 335 Vacant
- 338 Vacant
- 339 Zimmerman Luther R ⊙ Δ  
FR 4-4923
- 342 Lake Dorothy L Mrs ΔFR  
4-4912

6

## E Ocean av intersects

- 400 Ivory John J ⊙ ΔFR 4-3103  
Ivory's Henderson Gardens  
Nursery ΔFR 4-3103
- 460 Flax Thos E ⊙ ΔFR 2-6154
- 461 Taney John I ⊙ ΔFR 4-5034
- 466 Caldwell David J ⊙ ΔFR  
4-7624
- 467 Taney Chas M ⊙ ΔFR  
2-5033
- 472 Espinoza Arth P ⊙ ΔFR  
2-4611
- 473 Gilbert Ford L ⊙ ΔFR  
2-4491
- 478 Mathewson Wm E ⊙ ΔFR  
4-7623
- 479 Bray Fred W ⊙
- 484 Merrell Wilbur A ⊙ ΔFR  
2-6153
- 485 Sneed Ronald E ⊙
- 491 Erisman Harley B ⊙ ΔFR  
4-5274

16

- Strong's Flying A Serv gas  
sta ΔFR 2-2666
- Stewart Dick Mtr Co auto  
dir ΔFR 2-2171

WYOMING AVENUE — From  
79 E Atlantic av south to E  
Texas av

- 3 Anderson Kenneth P ⊙ Δ  
FR 2-4934
- 6 Rice Grant A ⊙ ΔFR  
2-6354
- 7 McDaniel Estes M ⊙ ΔFR  
2-6481
- 10 Millsap Delmar P ⊙ ΔFR  
4-4974
- 11 Fields Clayton E ΔFR  
2-4933
- 14 Hall Clyde E ⊙
- 15 Reber Byron G ⊙ ΔFR  
4-4723
- 18 Klym Stanley ⊙ ΔFR  
2-8640
- 19 Cunnington Chas D ⊙
- 22 Davis Katie V Mrs
- 23 Brush Dee G ΔFR 4-8022
- 26 Brown Jack ΔFR 4-4781
- 27 Wylie Weldon ⊙ ΔFR  
4-5944
- 30 Parsons Harry E ⊙ acct  
ΔFR 2-3841

## Devlin dr intersects

- 31 Sperling Elsie Mrs ⊙ ΔFR  
2-6484
- 34 Wieder Richd L ⊙ ΔFR  
4-7353
- 35 Hill Harry L ⊙ ΔFR 4-4724
- 38 Mann Fred ⊙ ΔFR 4-4941
- 39 Smith Leo D ⊙ ΔFR 4-4721
- 42 Perkins Rex ⊙ ΔFR 4-4944
- 43 Hollaway Ivan R ⊙ ΔFR  
4-4711
- 46 Vacant
- 47 McKinney Robt M ⊙ ΔFR  
4-7333
- 50 Piaz Sidro
- 51 Millis Julia Mrs ⊙ ΔFR  
2-8460
- 54 Vacant
- 55 Archulita Archie ⊙ ΔFR  
4-4713
- 58 Ortiz Jos A ⊙
- 59 Jaramillo Joe ⊙ ΔFR  
4-5942
- 62 McElligott Geo E ΔFR  
4-8253
- 63 Smalley Jas E ⊙ ΔFR  
4-4714
- 66 Wilcock Cyril R ⊙ ΔFR  
4-7404
- 67 Swift Chas O ⊙ ΔFR 2-6414
- 70 Wilson Lucian H ⊙ ΔFR  
2-2322
- 71 Morris Andrew W ⊙ ΔFR  
4-8023

14

YUCCA — From E Frontier blvd  
north to Tuna, 3 east of US  
Hwy 93

- 101 Lorentz Betty Y Mrs
- 103 Richardson Louis L ⊙ Δ  
FR 4-4384
- 105 Johnson Leo P ⊙
- 107 Cartwright Harrison W Δ  
FR 4-8524

# **APPENDIX F**

## **EDR Radius Map Report**

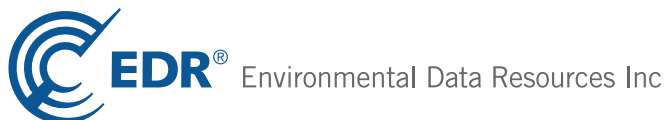
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**APN 179-18-811-001**

South Water Street  
Henderson, NV 89015

Inquiry Number: 4640300.2s  
June 07, 2016

## EDR Summary Radius Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

SOUTH WATER STREET  
HENDERSON, NV 89015

#### COORDINATES

Latitude (North):	36.0290270 - 36° 1' 44.49"
Longitude (West):	114.9785280 - 114° 58' 42.70"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	682139.8
UTM Y (Meters):	3988857.8
Elevation:	1985 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150529
Source:	USDA

# MAPPED SITES SUMMARY

Target Property Address:  
SOUTH WATER STREET  
HENDERSON, NV 89015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>		319 S WATER ST	EDR Hist Cleaner	Higher	21, 0.004, WSW
<a href="#">2</a>		31 E BASIC RD	EDR Hist Auto	Lower	616, 0.117, NNE
<a href="#">A3</a>	HENDERSON POLICE DEP	243 S WATER ST	NV UST	Lower	672, 0.127, NW
<a href="#">A4</a>	CITY OF HENDERSON -	243 SOUTH WATER STRE	NV SHWS	Lower	672, 0.127, NW
<a href="#">5</a>	SAME AS 8-000121	440 S WATER ST	NV UST	Higher	1313, 0.249, ESE
<a href="#">6</a>	CITY OF HENDERSON	405 E VAN WAGENEN ST	NV UST	Higher	1319, 0.250, South
<a href="#">B7</a>	AUTOZONE	524 S BOULDER HWY	NV SWRCY	Lower	1820, 0.345, NE
<a href="#">B8</a>	HENDERSON ASSOCIATIO	518 SOUTH BOULDER HI	NV SHWS	Lower	1820, 0.345, NE
<a href="#">C9</a>	K-MART STORE #9554 ,	498 BOULDER HIGHWAY	NV SHWS	Lower	1878, 0.356, NE
<a href="#">C10</a>	TEXACO STATION #61-5	432 SOUTH BOULDER HI	NV SHWS	Lower	1948, 0.369, NNE
<a href="#">11</a>	HENDERSON LEAD CONTA	T21S, R63E, SEC 26,2	SEMS-ARCHIVE, FINDS	Lower	1993, 0.377, NNW
<a href="#">12</a>	SPRINT CENTRAL TELEP	104 WATER STREET	NV SHWS, NV HMRI	Lower	2202, 0.417, NW
<a href="#">13</a>	EAST LAWN - PALM MOR	800 SOUTH BOULDER HI	NV SHWS	Higher	2507, 0.475, East
<a href="#">14</a>	CITY OF HENDERSON DE	214 SOUTH BOULDER HI	NV SHWS	Lower	2585, 0.490, North
<a href="#">15</a>	SKY HARBOR AIRPORT	500 EAST NEVADA HIGH	NV SHWS	Lower	3032, 0.574, NNW
<a href="#">16</a>	ALLEYWAY	38 WATER STREET	NV SHWS	Lower	3141, 0.595, NW
<a href="#">17</a>	LAKE MEAD CHEVRON FO	101 EAST LAKE MEAD D	NV SHWS	Lower	3477, 0.659, NNW
<a href="#">18</a>	7-ELEVEN #13696-CLOS	120 E LAKE MEAD PKWY	NV SHWS, NV UST	Lower	3798, 0.719, NNW
<a href="#">19</a>	BURKHOLDER JUNIOR HI	355 WEST VAN WAGENEN	NV SHWS	Lower	4011, 0.760, West
<a href="#">20</a>	MONTROSE CHEMICAL CO	8000 LAKE MEAD DRIVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, 2020	Lower	4226, 0.800, NW
<a href="#">21</a>	ST. ROSE DOMINICAN H	102 LAKE MEAD DRIVE	NV SHWS	Lower	4288, 0.812, NW
<a href="#">22</a>	7-ELEVEN #16186 , AP	710 CENTER STREET	NV SHWS	Lower	4638, 0.878, NE
<a href="#">23</a>	UNOCAL SS #5747 , AP	100 SOUTH BOULDER HI	NV SHWS	Lower	4646, 0.880, NNW
<a href="#">24</a>	CCSD - BASIC HIGH SC	400 PALO VERDE DRIVE	NV SHWS	Lower	5146, 0.975, ENE

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### 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***

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 03/07/2016 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>HENDERSON LEAD CONTA</i></b>	<b><i>T21S, R63E, SEC 26,2</i></b>	<b><i>NNW 1/4 - 1/2 (0.377 mi.)</i></b>	<b><i>11</i></b>	<b><i>9</i></b>

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MONTROSE CHEMICAL CO</i></b>	<b><i>8000 LAKE MEAD DRIVE</i></b>	<b><i>NW 1/2 - 1 (0.800 mi.)</i></b>	<b><i>20</i></b>	<b><i>11</i></b>

#### ***State- and tribal - equivalent CERCLIS***

NV SHWS: A review of the NV SHWS list, as provided by EDR, and dated 01/13/2016 has revealed that there are 16 NV SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>EAST LAWN - PALM MOR</i></b>	<b><i>800 SOUTH BOULDER HI</i></b>	<b><i>E 1/4 - 1/2 (0.475 mi.)</i></b>	<b><i>13</i></b>	<b><i>9</i></b>

## EXECUTIVE SUMMARY

Facility Id: 8-001135  
Date Closed: 09/29/1993

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF HENDERSON - Facility Id: 8-000316 Date Closed: 09/12/1991	243 SOUTH WATER STRE	NW 1/8 - 1/4 (0.127 mi.)	A4	7
HENDERSON ASSOCIATIO Facility Id: H-001193 Date Closed: 04/25/1996	518 SOUTH BOULDER HI	NE 1/4 - 1/2 (0.345 mi.)	B8	8
K-MART STORE #9554 , Facility Id: 8-000267 Date Closed: 11/17/1992	498 BOULDER HIGHWAY	NE 1/4 - 1/2 (0.356 mi.)	C9	8
TEXACO STATION #61-5 Facility Id: 8-000683 Date Closed: 11/22/1999	432 SOUTH BOULDER HI	NNE 1/4 - 1/2 (0.369 mi.)	C10	8
<b>SPRINT CENTRAL TELEP</b> Facility Id: 8-000075 Date Closed: 02/11/1997	<b>104 WATER STREET</b>	<b>NW 1/4 - 1/2 (0.417 mi.)</b>	<b>12</b>	<b>9</b>
CITY OF HENDERSON DE Facility Id: H-000455 Date Closed: 04/11/1996	214 SOUTH BOULDER HI	N 1/4 - 1/2 (0.490 mi.)	14	9
SKY HARBOR AIRPORT Facility Id: H-000549 Date Closed: 09/28/1999 Date Closed: 12/08/1994	500 EAST NEVADA HIGH	NNW 1/2 - 1 (0.574 mi.)	15	9
ALLEYWAY Facility Id: H-001309 Date Closed: 07/30/1998	38 WATER STREET	NW 1/2 - 1 (0.595 mi.)	16	10
LAKE MEAD CHEVRON FO Facility Id: 8-001690 Date Closed: 03/26/2004	101 EAST LAKE MEAD D	NNW 1/2 - 1 (0.659 mi.)	17	10
<b>7-ELEVEN #13696-CLOS</b> Facility Id: 8-000584 Date Closed: 04/08/1997	<b>120 E LAKE MEAD PKWY</b>	<b>NNW 1/2 - 1 (0.719 mi.)</b>	<b>18</b>	<b>10</b>
BURKHOLDER JUNIOR HI Facility Id: 8-001026 Date Closed: 10/16/1990	355 WEST VAN WAGENEN	W 1/2 - 1 (0.760 mi.)	19	10
ST. ROSE DOMINICAN H Facility Id: 8-000568 Date Closed: 01/15/1991	102 LAKE MEAD DRIVE	NW 1/2 - 1 (0.812 mi.)	21	11
7-ELEVEN #16186 , AP Facility Id: 8-000582 Date Closed: 03/23/1993	710 CENTER STREET	NE 1/2 - 1 (0.878 mi.)	22	11
UNOCAL SS #5747 , AP Facility Id: 8-000106 Facility Id: 8-000737 Date Closed: 12/05/1991 Date Closed: 10/24/2001	100 SOUTH BOULDER HI	NNW 1/2 - 1 (0.880 mi.)	23	12
CCSD - BASIC HIGH SC	400 PALO VERDE DRIVE	ENE 1/2 - 1 (0.975 mi.)	24	12

## EXECUTIVE SUMMARY

Facility Id: 8-000826  
Date Closed: 12/27/1991

### ***State and tribal registered storage tank lists***

NV UST: A review of the NV UST list, as provided by EDR, and dated 03/13/2016 has revealed that there are 3 NV UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAME AS 8-000121 Tank Status: PERMANENTLY OUT OF USE Facility Id: 8-000486	440 S WATER ST	ESE 1/8 - 1/4 (0.249 mi.)	5	7
CITY OF HENDERSON Tank Status: PERMANENTLY OUT OF USE Facility Id: 8-000315	405 E VAN WAGENEN ST	S 1/8 - 1/4 (0.250 mi.)	6	8

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HENDERSON POLICE DEP Tank Status: PERMANENTLY OUT OF USE Facility Id: 8-000316	243 S WATER ST	NW 1/8 - 1/4 (0.127 mi.)	A3	7

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

NV SWRCY: A review of the NV SWRCY list, as provided by EDR, and dated 02/22/2016 has revealed that there is 1 NV SWRCY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUTOZONE	524 S BOULDER HWY	NE 1/4 - 1/2 (0.345 mi.)	B7	8

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	31 E BASIC RD	NNE 0 - 1/8 (0.117 mi.)	2	7

## EXECUTIVE SUMMARY

EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	319 S WATER ST	WSW 0 - 1/8 (0.004 mi.)	1	7

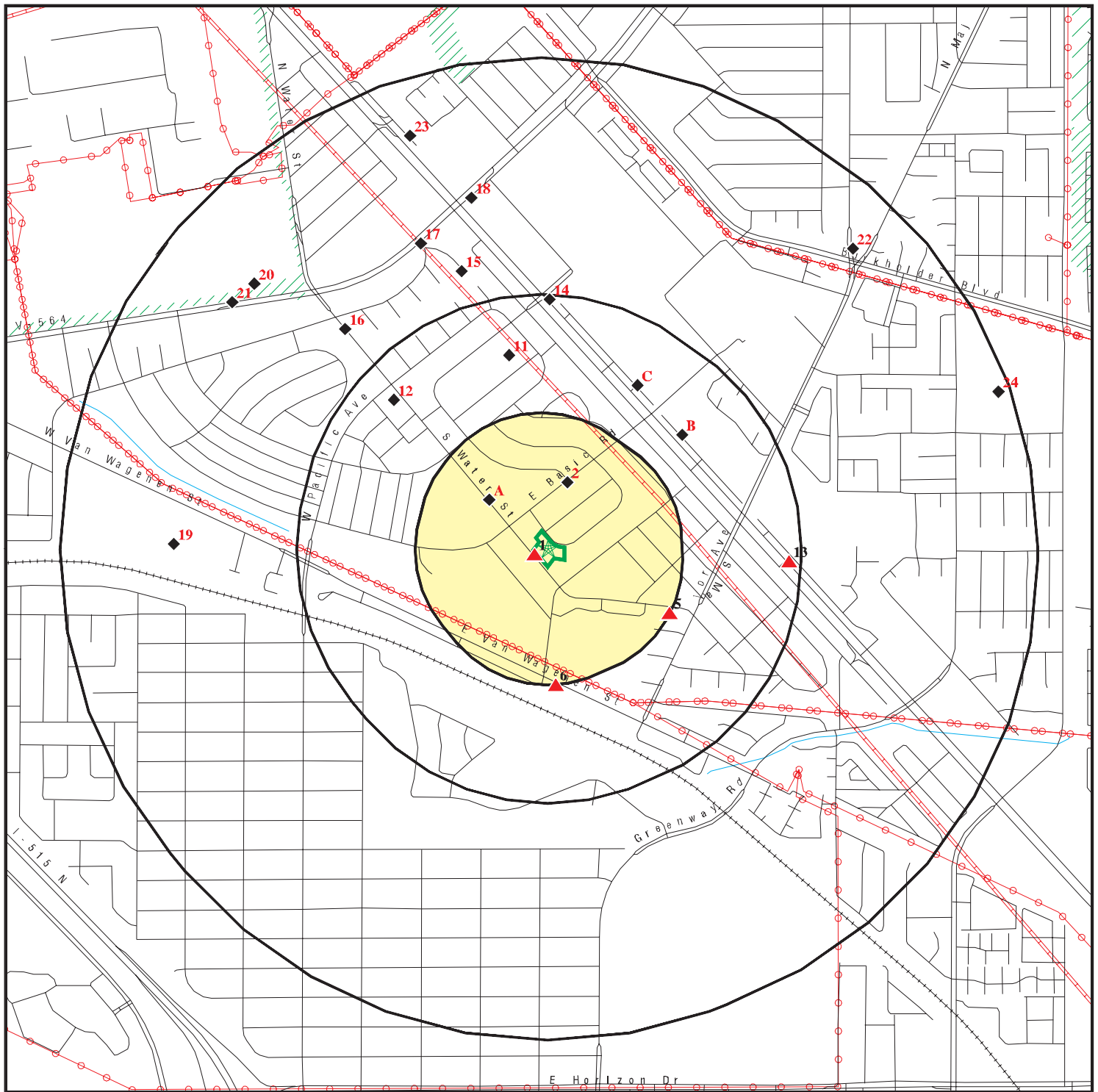


Count: 11 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLARK COUNTY	S109521864	INDIAN SPRINGS AIR FORCE BASE	BOX CANYON		NV SHWS
CLARK COUNTY	S109521968	TRUCK SPILL	LAKE MEAD BOULEVARD NEAR GOLDA		NV SHWS
HENDERSON	S103877055	WESTERN AREA POWER ADMINISTRATION	BASIC SUBSTATION (BMI COMPLEX)	89015	NV SHWS
HENDERSON	S106878336	THE WINROC CORPORATION MOBILE SOUR	BLUE DIAMOND ROAD @ QUARTER HO		NV SHWS
HENDERSON	S103877183	ATLAS, INC.	BOULDER HIGHWAY		NV SHWS
HENDERSON	S111027640	OREILLY AUTO PARTS MOBILE SOURCE ,	U.S. HIGHWAY 95 @ BOULDER HIGH		NV SHWS
HENDERSON	S110115062	LEVY REALTY TRUST , NDOT ROW	U.S. HIGHWAY 95 @ LAKE MEAD BO		NV SHWS
HENDERSON	S104235273	U.S. XPRESS ENTERPRISES MOBILE SOU	LAKE MEAD @ EASTERN AVENUE		NV SHWS
HENDERSON	S103877100	SEVEN HILLS COMMUNITY	EAST LAKE MEAD WEST OF GREEN V		NV SHWS
HENDERSON	S106514485	U.S. BUREAU OF LAND MANAGEMENT	1 MILE SE OF EASTERN AND LAKE		NV SHWS
HENDERSON	S103877186	CAL-NEV-ARI	7 MILES EAST OF LAKE MEAD		NV SHWS

# OVERVIEW MAP - 4640300.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone

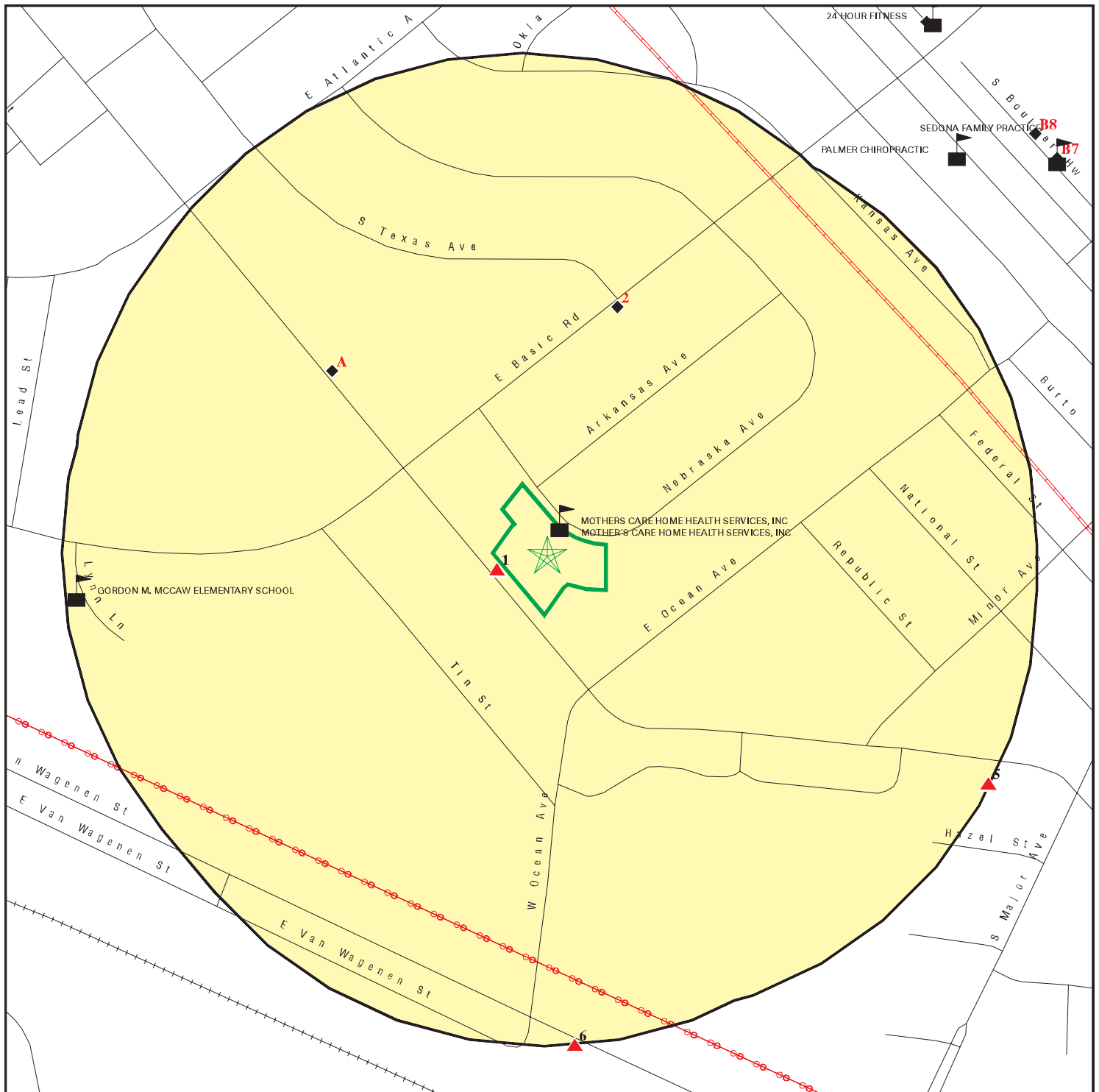
0 1/4 1/2 1 Miles








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






SITE NAME: APN 179-18-811-001  
 ADDRESS: South Water Street  
 Henderson NV 89015  
 LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
 CONTACT: Lauren Bruno  
 INQUIRY #: 4640300.2s  
 DATE: June 07, 2016 2:22 pm

# DETAIL MAP - 4640300.2S



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

-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone

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

SITE NAME: APN 179-18-811-001  
 ADDRESS: South Water Street  
 Henderson NV 89015  
 LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
 CONTACT: Lauren Bruno  
 INQUIRY #: 4640300.2s  
 DATE: June 07, 2016 2:23 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	1	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
NV SHWS	1.000		0	1	6	9	NR	16
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
NV SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
NV LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NV UST	0.250		0	3	NR	NR	NR	3
NV AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
NV VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
NV BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
NV SWRCY	0.500		0	0	1	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
NV AIRS	0.001		0	NR	NR	NR	NR	0
NV COAL ASH	0.500		0	0	0	NR	NR	0
NV Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
NV HMRI	0.001		0	NR	NR	NR	NR	0
NV NPDES	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

NV RGA HWS	0.001		0	NR	NR	NR	NR	0
NV RGA LF	0.001		0	NR	NR	NR	NR	0
NV RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	2	4	8	10	0	24
-------------	--	---	---	---	---	----	---	----

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1

WSW  
< 1/8  
0.004 mi.  
21 ft.

319 S WATER ST  
HENDERSON, NV 89015

EDR Hist Cleaner

1015042139  
N/A

Relative:  
Higher

[Click here for full text details](#)

2

NNE  
< 1/8  
0.117 mi.  
616 ft.

31 E BASIC RD  
HENDERSON, NV 89015

EDR Hist Auto

1015411880  
N/A

Relative:  
Lower

[Click here for full text details](#)

A3

NW  
1/8-1/4  
0.127 mi.  
672 ft.

HENDERSON POLICE DEPT  
243 S WATER ST  
HENDERSON, NV 89015

NV UST

U004161524  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV UST

Tank Status: PERMANENTLY OUT OF USE  
Facility Id: 8-000316

A4

NW  
1/8-1/4  
0.127 mi.  
672 ft.

CITY OF HENDERSON - POLICE DEPT. , 179-18-710-242  
243 SOUTH WATER STREET  
HENDERSON, NV 89015

NV SHWS

S103875888  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: 8-000316  
Date Closed: 09/12/1991

5

ESE  
1/8-1/4  
0.249 mi.  
1313 ft.

SAME AS 8-000121  
440 S WATER ST  
HENDERSON, NV 89015

NV UST

U003379943  
N/A

Relative:  
Higher

[Click here for full text details](#)

NV UST

Tank Status: PERMANENTLY OUT OF USE  
Facility Id: 8-000486



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

6  
South  
1/8-1/4  
0.250 mi.  
1319 ft.

CITY OF HENDERSON  
405 E VAN WAGENEN ST  
HENDERSON, NV 89015

NV UST U004161523  
N/A

Relative:  
Higher

[Click here for full text details](#)

NV UST

Tank Status: PERMANENTLY OUT OF USE  
Facility Id: 8-000315

B7  
NE  
1/4-1/2  
0.345 mi.  
1820 ft.

AUTOZONE  
524 S BOULDER HWY  
HENDERSON, NV 89015

NV SWRCY S112364767  
N/A

Relative:  
Lower

[Click here for full text details](#)

B8  
NE  
1/4-1/2  
0.345 mi.  
1820 ft.

HENDERSON ASSOCIATION  
518 SOUTH BOULDER HIGHWAY  
HENDERSON, NV

NV SHWS S103877201  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: H-001193  
Date Closed: 04/25/1996

C9  
NE  
1/4-1/2  
0.356 mi.  
1878 ft.

K-MART STORE #9554 , 179-17-201-007  
498 BOULDER HIGHWAY  
HENDERSON, NV 89015

NV SHWS S103875870  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: 8-000267  
Date Closed: 11/17/1992

C10  
NNE  
1/4-1/2  
0.369 mi.  
1948 ft.

TEXACO STATION #61-529-0700 , APN 179-17-302-001  
432 SOUTH BOULDER HIGHWAY  
HENDERSON, NV

NV SHWS S104178932  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: 8-000683  
Date Closed: 11/22/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

11  
NNW  
1/4-1/2  
0.377 mi.  
1993 ft.

HENDERSON LEAD CONTAMINATION SOIL SITE  
T21S, R63E, SEC 26,27,34,35 - 5 MI. E OF  
HENDERSON, NV 89015

SEMS-ARCHIVE  
FINDS

1000707641  
NV5141190608

Relative:  
Lower

[Click here for full text details](#)

FINDS

Registry ID:: 110064004535

12  
NW  
1/4-1/2  
0.417 mi.  
2202 ft.

SPRINT CENTRAL TELEPHONE , 179-18-711-001  
104 WATER STREET  
HENDERSON, NV 89015

NV SHWS  
NV HMRI

S107600905  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: 8-000075  
Date Closed: 02/11/1997

NV HMRI

Facility Id: 5019

13  
East  
1/4-1/2  
0.475 mi.  
2507 ft.

EAST LAWN - PALM MORTUARY , 179-17-801-002  
800 SOUTH BOULDER HIGHWAY  
HENDERSON, NV 89015

NV SHWS

S103876119  
N/A

Relative:  
Higher

[Click here for full text details](#)

NV SHWS

Facility Id: 8-001135  
Date Closed: 09/29/1993

14  
North  
1/4-1/2  
0.490 mi.  
2585 ft.

CITY OF HENDERSON DEPARTMENT OF PUBLIC WORKS  
214 SOUTH BOULDER HIGHWAY  
HENDERSON, NV 89015

NV SHWS

S103876910  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: H-000455  
Date Closed: 04/11/1996

15  
NNW  
1/2-1  
0.574 mi.  
3032 ft.

SKY HARBOR AIRPORT  
500 EAST NEVADA HIGHWAY  
HENDERSON, NV

NV SHWS

S103878003  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: H-000549

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SKY HARBOR AIRPORT (Continued)**

**S103878003**

Date Closed: 09/28/1999

Date Closed: 12/08/1994

16  
NW  
1/2-1  
0.595 mi.  
3141 ft.

**ALLEYWAY  
38 WATER STREET  
HENDERSON, NV**

**NV SHWS**

**S103877298  
N/A**

Relative:  
Lower

[Click here for full text details](#)

**NV SHWS**

Facility Id: H-001309

Date Closed: 07/30/1998

17  
NNW  
1/2-1  
0.659 mi.  
3477 ft.

**LAKE MEAD CHEVRON FOOD MART , APN 179-18-505-002  
101 EAST LAKE MEAD DRIVE  
HENDERSON, NV**

**NV SHWS**

**S106514251  
N/A**

Relative:  
Lower

[Click here for full text details](#)

**NV SHWS**

Facility Id: 8-001690

Date Closed: 03/26/2004

18  
NNW  
1/2-1  
0.719 mi.  
3798 ft.

**7-ELEVEN #13696-CLOSED  
120 E LAKE MEAD PKWY  
HENDERSON, NV 89015**

**NV SHWS  
NV UST**

**U003380029  
N/A**

Relative:  
Lower

[Click here for full text details](#)

**NV SHWS**

Facility Id: 8-000584

Date Closed: 04/08/1997

**NV UST**

Tank Status: PERMANENTLY OUT OF USE

Facility Id: 8-000584

19  
West  
1/2-1  
0.760 mi.  
4011 ft.

**BURKHOLDER JUNIOR HIGH SCHOOL , 179-18-401-002  
355 WEST VAN WAGENEN STREET  
HENDERSON, NV 89015**

**NV SHWS**

**S103876085  
N/A**

Relative:  
Lower

[Click here for full text details](#)

**NV SHWS**

Facility Id: 8-001026

Date Closed: 10/16/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

20  
NW  
1/2-1  
0.800 mi.  
4226 ft.

**MONTROSE CHEMICAL CORPORATION OF CA -HENDERSON, NEVADA SITE**  
**8000 LAKE MEAD DRIVE**  
**HENDERSON, NV 89015**

**SEMS-ARCHIVE**  
**CORRACTS**  
**RCRA-TSDF**  
**RCRA-LQG**  
**2020 COR ACTION**  
**CA HAZNET**

**1000420365**  
**NVD008237489**

Relative:  
Lower

[Click here for full text details](#)

**SEMS-ARCHIVE**

Site ID: 0902933  
EPA Id: NVD008237489

**CORRACTS**

EPA ID:: NVD008237489

**RCRA-TSDF**

EPA Id: NVD008237489

**RCRA-LQG**

EPA Id: NVD008237489

**2020 COR ACTION**

EPA ID:: NVD008237489

**CA HAZNET**

GEPAID: NVD008237489

21  
NW  
1/2-1  
0.812 mi.  
4288 ft.

**ST. ROSE DOMINICAN HOSPITAL , APN 179-18-503-004**  
**102 LAKE MEAD DRIVE**  
**HENDERSON, NV 89015**

**NV SHWS** **S103875969**  
**N/A**

Relative:  
Lower

[Click here for full text details](#)

**NV SHWS**

Facility Id: 8-000568  
Date Closed: 01/15/1991

22  
NE  
1/2-1  
0.878 mi.  
4638 ft.

**7-ELEVEN #16186 , APN 179-17-511-038**  
**710 CENTER STREET**  
**HENDERSON, NV 89015**

**NV SHWS** **S114375668**  
**N/A**

Relative:  
Lower

[Click here for full text details](#)

**NV SHWS**

Facility Id: 8-000582  
Date Closed: 03/23/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

23  
NNW  
1/2-1  
0.880 mi.  
4646 ft.

UNOCAL SS #5747 , APN 179-18-502-005  
100 SOUTH BOULDER HIGHWAY  
HENDERSON, NV 89015

NV SHWS S114372847  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: 8-000106  
Facility Id: 8-000737  
Date Closed: 12/05/1991  
Date Closed: 10/24/2001

24  
ENE  
1/2-1  
0.975 mi.  
5146 ft.

CCSD - BASIC HIGH SCHOOL , 179-17-702-006  
400 PALO VERDE DRIVE  
HENDERSON, NV

NV SHWS S103876034  
N/A

Relative:  
Lower

[Click here for full text details](#)

NV SHWS

Facility Id: 8-000826  
Date Closed: 12/27/1991



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
NV	AIRS	Permitted Airs Facility Listing	Division of Environmental Protection	12/31/2015	03/23/2016	05/17/2016
NV	AST	Aboveground Storage Tank List	Department of Conservation and Natural Resour	03/13/2016	03/23/2016	05/17/2016
NV	BROWNFIELDS	Project Tracking Database	Division of Environmental Protection	01/13/2016	03/23/2016	05/17/2016
NV	COAL ASH	Coal Ash Disposal Sites	Division of Environmental Protection	10/02/2013	10/03/2013	11/01/2013
NV	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Protection	03/21/2016	03/22/2016	05/17/2016
NV	Financial Assurance 2	Financial Assurance Information	Division of Environmental Protection	03/01/2016	03/04/2016	05/17/2016
NV	HMRI	Hazardous Materials Repository Information Data	State Emergency Response Commission	08/05/2008	08/05/2008	08/13/2008
NV	LUST	Sites Database	Department of Conservation and Natural Resour	01/13/2016	03/23/2016	05/17/2016
NV	NPDES	Permitted Facility Listing	Department of Environmental Protection	04/01/2016	04/05/2016	05/17/2016
NV	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Conservation and Natural Resour	07/01/2013	07/01/2013	12/26/2013
NV	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Conservation and Natural Resour	07/01/2013	07/01/2013	01/16/2014
NV	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Conservation and Natural Resour	07/01/2013	07/01/2013	12/26/2013
NV	SHWS	Sites Database	Department of Conservation and Natural Resour	01/13/2016	03/23/2016	05/17/2016
NV	SWF/LF	Landfill List	Department of Conservation and Natural Resour	03/01/2016	03/04/2016	05/17/2016
NV	SWRCY	Recycling Information Listing	Department of Environmental Protection	02/22/2016	02/23/2016	05/17/2016
NV	UST	Underground Storage Tank List	Department of Environmental Protection	02/22/2016	02/23/2016	05/17/2016
NV	VCP	Voluntary Cleanup Program Sites	Department of Conservation and Natural Resour	03/13/2016	03/23/2016	05/17/2016
US	2020 COR ACTION	2020 Corrective Action Program List	Department of Conservation & Natural Resource	08/16/2011	09/27/2011	10/12/2011
US	BRS	Biennial Reporting System	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	COAL ASH DOE	Steam-Electric Plant Operation Data	EPA/NTIS	12/31/2013	02/24/2015	09/30/2015
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	CONSENT	Superfund (CERCLA) Consent Decrees	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CORRACTS	Corrective Action Report	Department of Justice, Consent Decree Library	12/31/2014	04/17/2015	06/02/2015
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA	12/09/2015	03/02/2016	04/05/2016
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOD	Department of Defense Sites	Environmental Protection Agency	03/01/2016	03/03/2016	04/05/2016
US	DOT OPS	Incident and Accident Data	USGS	12/31/2005	11/10/2006	01/11/2007
US	Delisted NPL	National Priority List Deletions	Department of Transportation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	ECHO	Enforcement & Compliance History Information	EPA	03/07/2016	04/05/2016	01/04/2016
US	EDR Hist Auto	EDR Exclusive Historic Gas Stations	Environmental Protection Agency			
US	EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	EDR, Inc.			
US	ERNS	Emergency Response Notification System	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	FEDERAL FACILITY	Federal Facility Site Information listing	National Response Center, United States Coast	03/28/2016	03/30/2016	05/20/2016
US	FEDLAND	Federal and Indian Lands	Environmental Protection Agency	11/13/2015	01/06/2016	05/20/2016
US	FEMA UST	Underground Storage Tank Listing	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FINDS	Facility Index System/Facility Registry System	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FTTS	FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	07/20/2015	09/09/2015	11/03/2015
US	FTTS INSP	FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	EPA	02/22/2016	02/24/2016	05/20/2016
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Department of Energy	03/11/2016	03/15/2016	06/03/2016
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	ICIS	Integrated Compliance Information System	U.S. Department of Transportation	06/24/2015	06/26/2015	09/02/2015
US			Environmental Protection Agency	01/23/2015	02/06/2015	03/09/2015

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/27/2015	10/29/2015	01/04/2016
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	01/07/2016	01/08/2016	02/18/2016
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	02/05/2016	04/29/2016	06/03/2016
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	02/17/2016	04/27/2016	06/03/2016
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	12/11/2015	02/19/2016	06/03/2016
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/09/2015	02/12/2016	06/03/2016
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/13/2015	10/23/2015	02/18/2016
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	02/25/2016	04/27/2016	06/03/2016
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/20/2015	10/29/2015	01/04/2016
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	01/07/2016	01/08/2016	02/18/2016
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	02/05/2016	04/29/2016	06/03/2016
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	11/05/2015	11/13/2015	01/04/2016
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	12/03/2015	02/04/2016	06/03/2016
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	09/23/2014	11/25/2014	01/29/2015
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	01/26/2016	02/05/2016	06/03/2016
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	02/25/2016	04/27/2016	06/03/2016
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	11/25/2014	11/26/2014	01/29/2015
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2015	05/29/2015	06/11/2015
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/07/2016	03/18/2016	04/15/2016
US	NPL	National Priority List	EPA	03/07/2016	04/05/2016	04/15/2016
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	07/01/2014	10/15/2014	11/17/2014
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	03/07/2016	04/05/2016	04/15/2016
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/07/2015	07/09/2015	09/16/2015
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/09/2015	03/02/2016	04/05/2016
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2015	08/26/2015	11/03/2015
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SEMS	Superfund Enterprise Management System	EPA	03/07/2016	04/05/2016	04/15/2016
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	03/07/2016	04/05/2016	04/15/2016
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2014	11/24/2015	04/05/2016
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/20/2015	10/27/2015	01/04/2016
US	US AIRS MINOR	Air Facility System Data	EPA	10/20/2015	10/27/2015	01/04/2016
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/22/2015	12/23/2015	02/18/2016
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/18/2016	03/07/2016	06/03/2016
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/01/2015	09/03/2015	11/03/2015
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/18/2016	03/07/2016	06/03/2016
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/09/2016	03/02/2016	04/15/2016
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	10/25/2015	01/29/2016	04/05/2016
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	02/01/2016	02/03/2016	03/22/2016
Oil/Gas Pipelines						
Source: PennWell Corporation						
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.						
Electric Power Transmission Line Data						
Source: PennWell Corporation						
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.						
US	USA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NV	Daycare Centers	Sensitive Receptor: Child Care Facility List	Department of Human Resources			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NV	State Wetlands	Wetland Inventory	Natural Heritage Program			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arrvl Date	Active Date
US	Topographic Map		U.S. Geological Survey			

STREET AND ADDRESS INFORMATION

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

APN 179-18-811-001  
SOUTH WATER STREET  
HENDERSON, NV 89015

### **TARGET PROPERTY COORDINATES**

Latitude (North):	36.029027 - 36° 1' 44.50"
Longitude (West):	114.978528 - 114° 58' 42.70"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	682139.8
UTM Y (Meters):	3988857.8
Elevation:	1985 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	6720682 HENDERSON, NV
Version Date:	2014

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

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

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

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



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

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

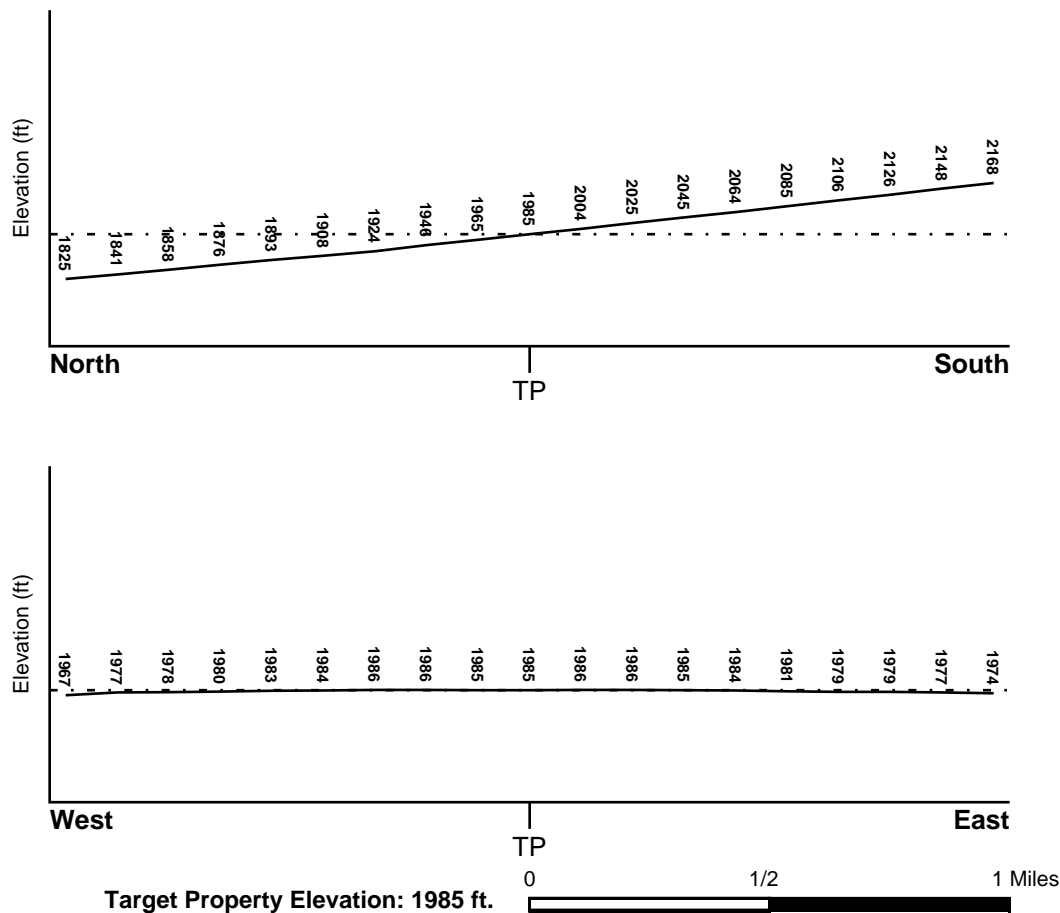
### TOPOGRAPHIC INFORMATION

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

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

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

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

### FEMA FLOOD ZONE

Target Property County  
CLARK, NV

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 32003C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
HENDERSON

NWI Electronic  
Data Coverage  
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
Location Relative to TP:	1/2 - 1 Mile NNW
Site Name:	HENDERSON LANDFILL
Site EPA ID Number:	NV1141190024
Groundwater Flow Direction:	INTO THE WASH.
Measured Depth to Water:	not available.
Hydraulic Connection:	Detailed hydraulic connection information is not available. Historical recharge of the near-surface aquifer was via leakage from deeper artesian aquifers, but discharge to the near-surface aquifer from surface infiltration has increased.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

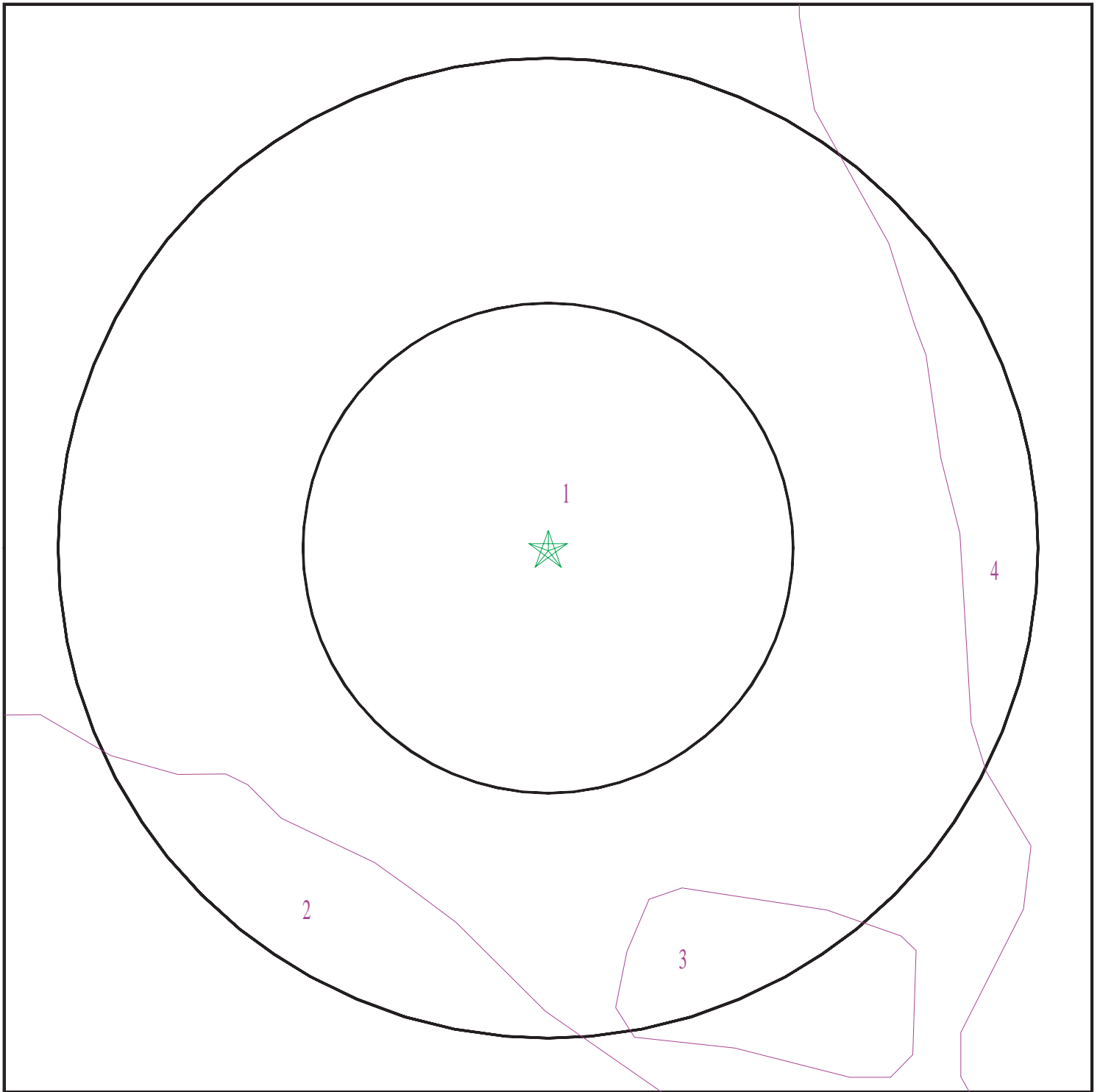
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 4640300.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: APN 179-18-811-001  
ADDRESS: South Water Street  
Henderson NV 89015  
LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
CONTACT: Lauren Bruno  
INQUIRY #: 4640300.2s  
DATE: June 07, 2016 2:24 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

#### Soil Map ID: 1

Soil Component Name: Caliza

Soil Surface Texture: very gravelly sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	3 inches	16 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	16 inches	59 inches	sr to very gravelly coarse sand to loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Arizo

Soil Surface Texture: very gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	5 inches	59 inches	sr to cobbly coarse sand to extremely gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 7.4

### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: very gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 4

Soil Component Name: Caliza

Soil Surface Texture: extremely cobbly fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	extremely cobbly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	1 inches	14 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	14 inches	59 inches	sr to very gravelly loamy sand to extremely gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
33	USGS40000751829	1/2 - 1 Mile ESE

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

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

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

### **STATE DATABASE WELL INFORMATION**

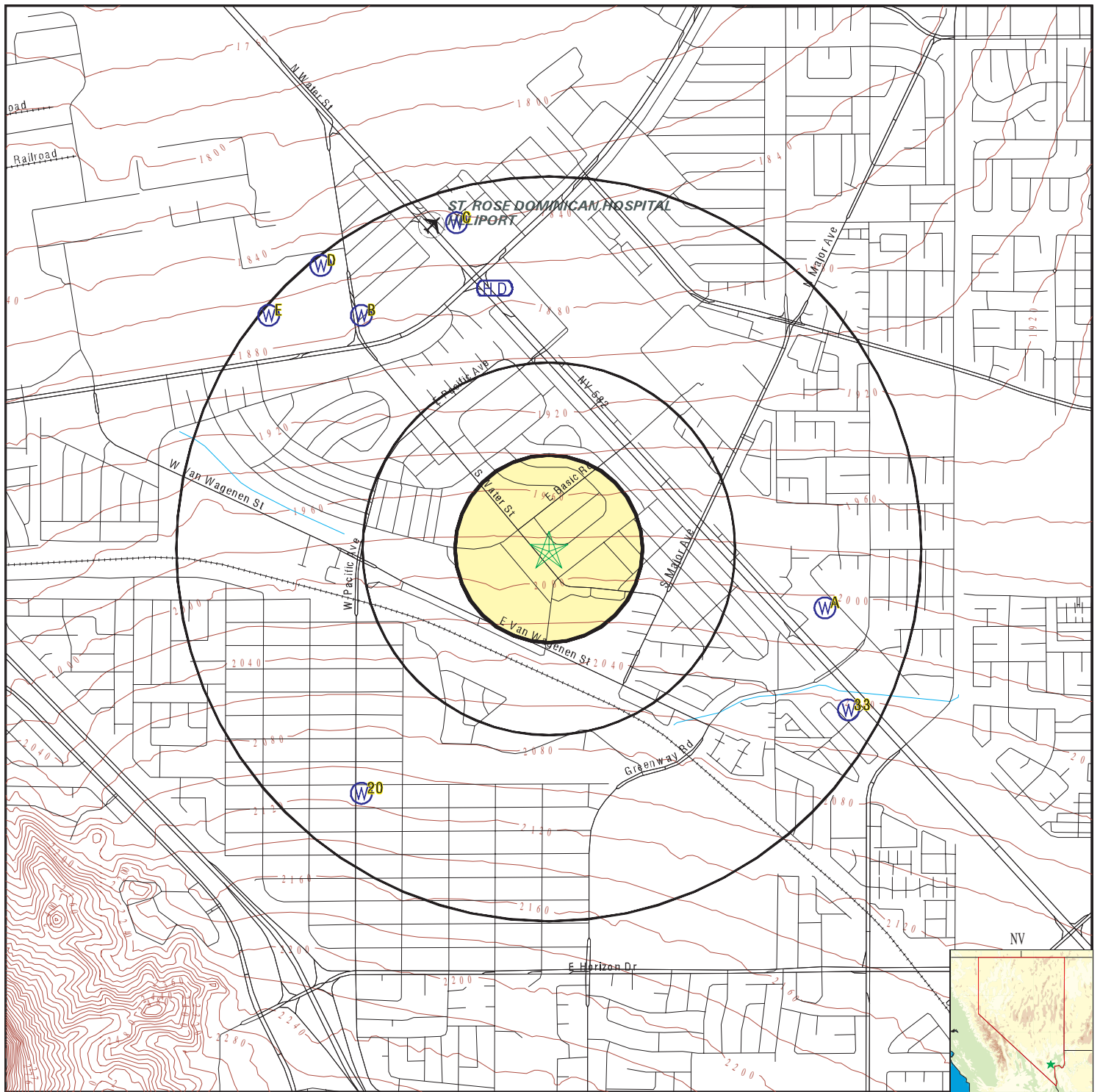
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	NV5000000038154	1/2 - 1 Mile ESE
A2	NV5000000004621	1/2 - 1 Mile ESE
A3	NV5000000107419	1/2 - 1 Mile ESE
A4	NV5000000055125	1/2 - 1 Mile ESE
B5	NV5000000083833	1/2 - 1 Mile NW
B6	NV5000000083834	1/2 - 1 Mile NW
B7	NV5000000083835	1/2 - 1 Mile NW
B8	NV5000000065035	1/2 - 1 Mile NW
B9	NV5000000049499	1/2 - 1 Mile NW
B10	NV5000000065029	1/2 - 1 Mile NW
B11	NV5000000065030	1/2 - 1 Mile NW
B12	NV5000000083836	1/2 - 1 Mile NW
B13	NV5000000096925	1/2 - 1 Mile NW
B14	NV5000000101395	1/2 - 1 Mile NW
B15	NV5000000102402	1/2 - 1 Mile NW
B16	NV5000000096901	1/2 - 1 Mile NW
B17	NV5000000083837	1/2 - 1 Mile NW
B18	NV5000000083838	1/2 - 1 Mile NW
B19	NV5000000083839	1/2 - 1 Mile NW
20	NV5000000055124	1/2 - 1 Mile SW
C21	NV5000000034225	1/2 - 1 Mile NNW
C22	NV5000000034224	1/2 - 1 Mile NNW
C23	NV5000000034999	1/2 - 1 Mile NNW
C24	NV5000000072100	1/2 - 1 Mile NNW
C25	NV5000000035000	1/2 - 1 Mile NNW
C26	NV5000000112801	1/2 - 1 Mile NNW
C27	NV5000000112800	1/2 - 1 Mile NNW
C28	NV5000000112799	1/2 - 1 Mile NNW
C29	NV5000000112802	1/2 - 1 Mile NNW
C30	NV5000000112805	1/2 - 1 Mile NNW
C31	NV5000000112804	1/2 - 1 Mile NNW
C32	NV5000000112803	1/2 - 1 Mile NNW
D34	NV5000000072153	1/2 - 1 Mile NW
D35	NV5000000072154	1/2 - 1 Mile NW
D36	NV5000000072152	1/2 - 1 Mile NW
D37	NV5000000072151	1/2 - 1 Mile NW
E38	NV5000000096900	1/2 - 1 Mile NW
E39	NV5000000101397	1/2 - 1 Mile NW

# PHYSICAL SETTING SOURCE MAP - 4640300.2s



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

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

SITE NAME: APN 179-18-811-001  
 ADDRESS: South Water Street  
 Henderson NV 89015  
 LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
 CONTACT: Lauren Bruno  
 INQUIRY #: 4640300.2s  
 DATE: June 07, 2016 2:24 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## RADON

### AREA RADON INFORMATION

State Database: NV Radon

#### Radon Test Results

# Tests	# < 4 pCi/L	# > 4 pCi/L	% > 4 pCi/L	Average	Max
11	10	1	9.09	2.22	9.9

Federal EPA Radon Zone for CLARK County: 3

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: 89015

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.256 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.400 pCi/L	100%	0%	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.

Source: U.S. Geological Survey

## **HYDROLOGIC INFORMATION**

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

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

### **State Wetlands Data: Wetland Inventory**

Source: Natural Heritage Program

Telephone: 775-684-2900

## **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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# **APPENDIX G**

## **Vapor Encroachment Screen**

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**APN 179-18-811-001**

South Water Street

Henderson, NV 89015

Inquiry Number: 4640300.6s

June 7, 2016

## EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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Aerial Photography .....	4
Map Findings .....	5
Record Sources and Currency .....	GR-1

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

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

		Summary		
		property	1/10	1/10 - 1/3
STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*			
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	0	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	1.0	0	0	0
<b>HISTORICAL USE RECORDS</b>				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.125	0	0	0
Historical Dry Cleaners	0.125	0	1	0
Exclusive Recovered Govt. Archives	property	0	-	-

\*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

# EXECUTIVE SUMMARY

## TARGET PROPERTY INFORMATION

### ADDRESS

APN 179-18-811-001  
SOUTH WATER STREET  
HENDERSON, NV 89015

### COORDINATES

Latitude (North):	36.029027 - 36° 1' 44.493713"
Longitude (West):	114.978528 - 114° 58' 42.71118"
Elevation:	1985 ft. above sea level

## EXECUTIVE SUMMARY

### PHYSICAL SETTING INFORMATION

Flood Zone: Available

NWI Wetlands: Available

### AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

### 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: Caliza

Soil Surface Texture: very gravelly sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9

## EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	3 inches	16 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	16 inches	59 inches	sr to very gravelly coarse sand to loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

### Soil Map ID: 2

Soil Component Name: Arizo

Soil Surface Texture: very gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.4



## EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	59 inches	sr to cobbly coarse sand to extremely gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 7.4

### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: very gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 4

Soil Component Name: Caliza

Soil Surface Texture: extremely cobbly fine sandy loam

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

Soil Drainage Class: Well drained

## EXECUTIVE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	extremely cobbly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	1 inches	14 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	14 inches	59 inches	sr to very gravelly loamy sand to extremely gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

## EXECUTIVE SUMMARY

### SEARCH RESULTS

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

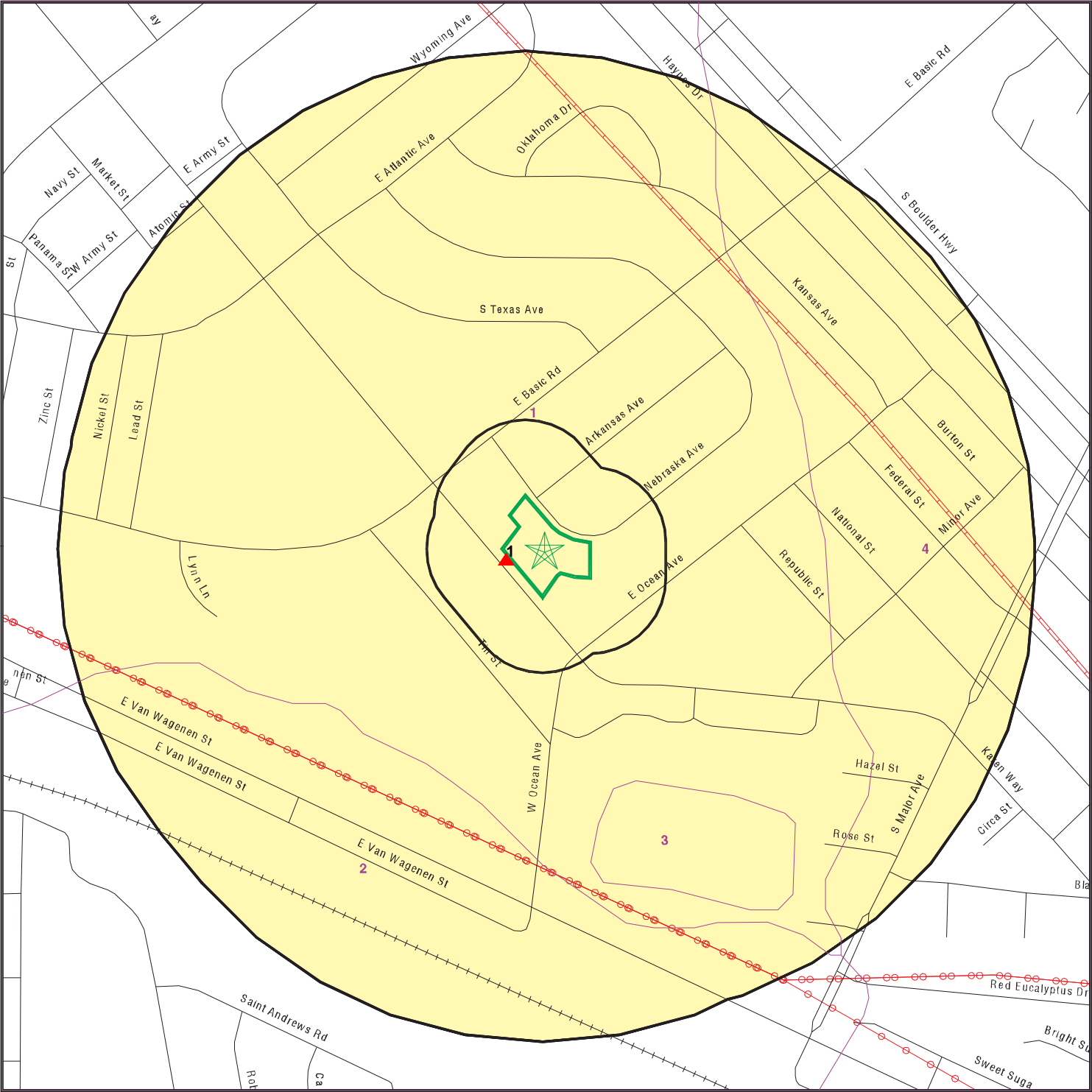
### STANDARD ENVIRONMENTAL RECORDS


<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				


### HISTORICAL USE RECORDS


<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
319 S WATER ST EDR Hist Cleaner: Historical Dry Cleaners	319 S WATER ST	<1/10 WSW	▲ 1	12


PRIMARY MAP - 4640300.6S





 Target Property


 Sites at elevations higher than or equal to the target property


 Sites at elevations lower than the target property


 Manufactured Gas Plants


 Sensitive Receptors


 National Priority List Sites


 Dept. Defense Sites


 Indian Reservations BIA


 Power transmission lines


 Pipelines


 100-year flood zone

 500-year flood zone

 Groundwater Flow Direction

 Indeterminate Groundwater Flow at Location

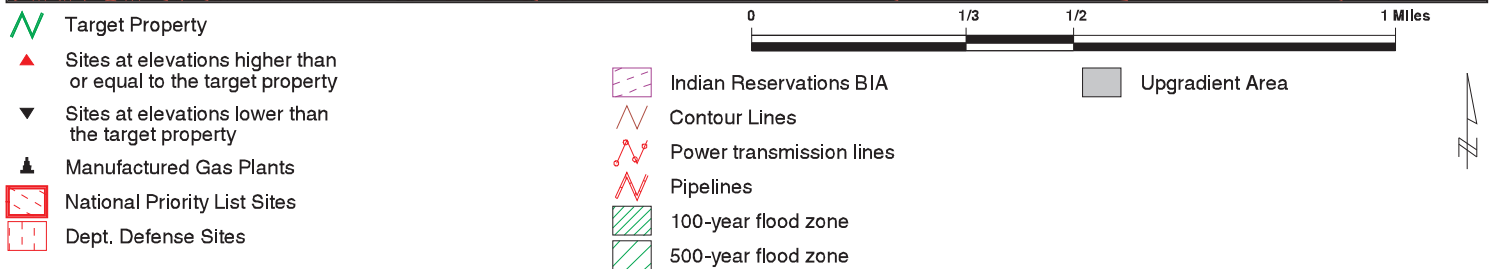
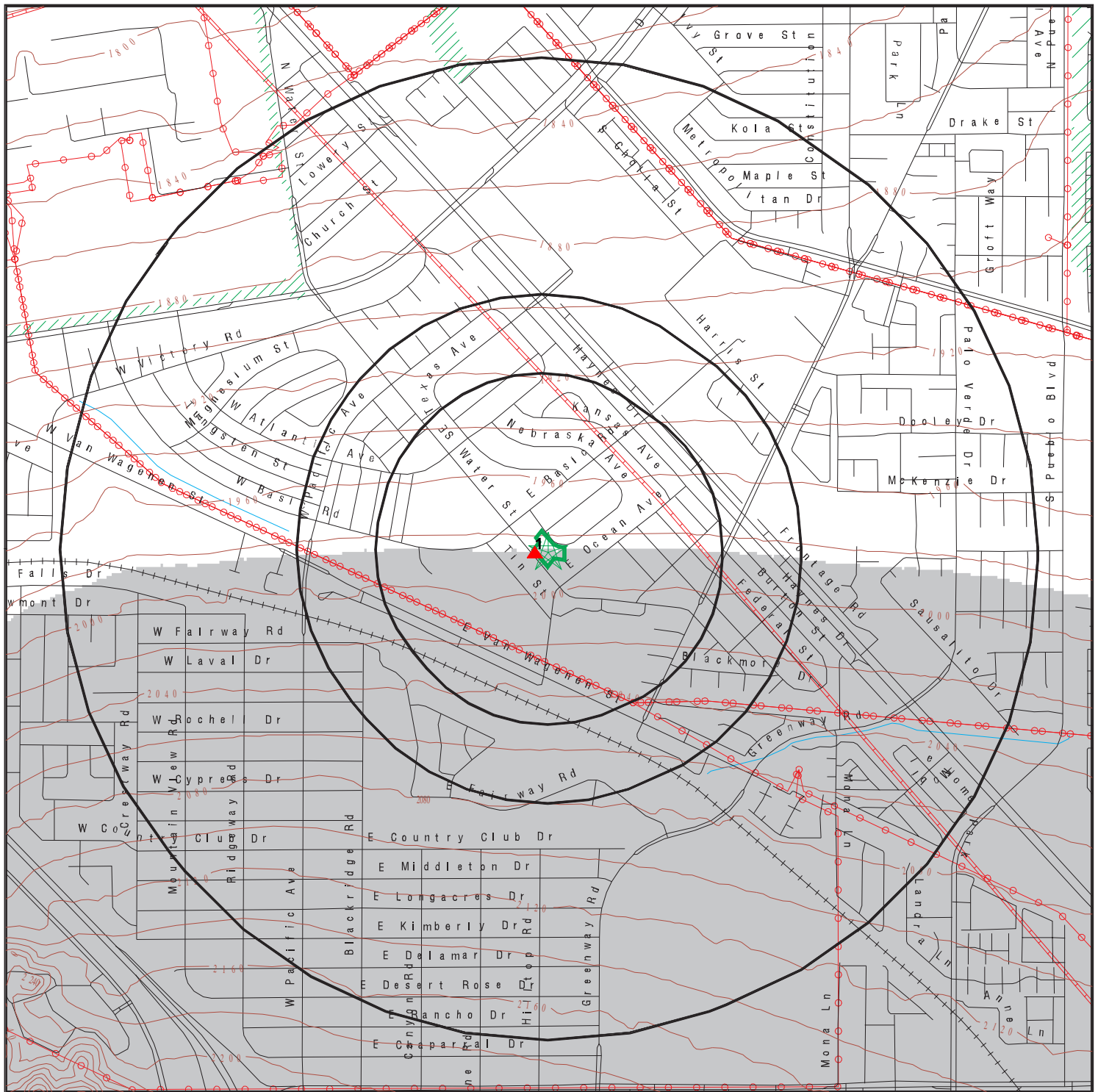
 Groundwater Flow Varies at Location

 SSURGO Soil

SITE NAME: APN 179-18-811-001  
ADDRESS: South Water Street  
Henderson NV 89015  
LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
CONTACT: Lauren Bruno  
INQUIRY #: 4640300.6s  
DATE: June 07, 2016 5:23 pm

# SECONDARY MAP - 4640300.6S



SITE NAME: APN 179-18-811-001  
 ADDRESS: South Water Street  
 Henderson NV 89015  
 LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
 CONTACT: Lauren Bruno  
 INQUIRY #: 4640300.6S  
 DATE: June 07, 2016 5:22 pm



# AERIAL PHOTOGRAPHY - 4640300.6s



0 300 1/3 Miles



SITE NAME: APN 179-18-811-001  
ADDRESS: South Water Street  
Henderson NV 89015  
LAT/LONG: 36.029027 / 114.978528

CLIENT: McGinley Associates  
CONTACT: Lauren Bruno  
INQUIRY #: 4640300.6s  
DATE: June 07, 2016 5:26 pm



# MAP FINDINGS

## LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
<b>Worksheet:</b>  <b>Comments:</b> Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

319 S WATER ST 319 S WATER ST, HENDERSON, NV, 89015		1015042139
▲ 1	WSW <1/10 (21 ft. / 0.004 mi.)	Historical Dry Cleaners
	2 ft. Higher Elevation 1987 ft. Above Sea Level	

## Worksheet:

**Impact on Target Property:** VEC Cannot Be Ruled Out

## Conditions:

Not Applicable: YES

## Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

## RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate 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

#### **PRP:** Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 3

Telephone: 202-564-6023

Last EDR Contact :05/12/2016

#### **RMP:** Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 08/01/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-564-8600

Last EDR Contact :04/25/2016

#### **AIRS:** Permitted Airs Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2015

Source: Division of Environmental Protection

Number of Days to Update: 55

Telephone: 775-687-9359

Last EDR Contact :03/23/2016

#### **AST:** Aboveground Storage Tank List

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Registered Aboveground Storage Tanks.

Date of Government Version: 03/13/2016

Source: Department of Conservation and Natural Resources

Number of Days to Update: 55

Telephone: 775-687-5872

Last EDR Contact :03/23/2016

#### **BROWNFIELDS:** Project Tracking Database

Standard Environmental Record Source: State and tribal Brownfields sites

## RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

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: 01/13/2016

Source: Division of Environmental Protection

Number of Days to Update: 55

Telephone: 775-687-9384

Last EDR Contact :03/23/2016

### **COAL ASH:** Coal Ash Disposal Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal ash plants.

Date of Government Version: 10/02/2013

Source: Division of Environmental Protection

Number of Days to Update: 29

Telephone: 775-687-9477

Last EDR Contact :05/31/2016

### **Financial Assurance 1:** Financial Assurance Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 03/21/2016

Source: Department of Environmental Protection

Number of Days to Update: 56

Telephone: 775-687-9465

Last EDR Contact :03/21/2016

### **Financial Assurance 2:** Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Solid waste facility financial assurance information.

Date of Government Version: 03/01/2016

Source: Division of Environmental Protection

Number of Days to Update: 74

Telephone: 775-687-9477

Last EDR Contact :05/31/2016

### **HMRI:** Hazardous Materials Repository Information Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 08/05/2008

Source: State Emergency Response Commission

Number of Days to Update: 8

Telephone: 775-687-6973

Last EDR Contact :05/13/2016

### **LUST:** Sites Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

## RECORD SOURCES AND CURRENCY

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: 01/13/2016  
Number of Days to Update: 55  
Last EDR Contact :03/23/2016

Source: Department of Conservation and Natural Resources  
Telephone: 775-687-5872

### **NPDES:** Permitted Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

A listing of permitted wastewater facilities.

Date of Government Version: 04/01/2016  
Number of Days to Update: 42  
Last EDR Contact :04/04/2016

Source: Department of Environmental Protection  
Telephone: 775-687-9414

### **SHWS:** Sites Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS  
Search Distance: 0.333 Mile

A listing of correction action sites.

Date of Government Version: 01/13/2016  
Number of Days to Update: 55  
Last EDR Contact :03/23/2016

Source: Department of Conservation and Natural Resources  
Telephone: 775-687-5872

### **SWF/LF:** Landfill List

Standard Environmental Record Source: State and tribal landfill / solid waste disposal  
Search Distance: 0.333 Mile

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: 03/01/2016  
Number of Days to Update: 74  
Last EDR Contact :05/31/2016

Source: Department of Conservation and Natural Resources  
Telephone: 775-687-5872

### **SWRCY:** Recycling Information Listing

Standard Environmental Record Source: State and tribal landfill / solid waste disposal  
Search Distance: 0.333 Mile

A listing of recycling facilities in Nevada.

Date of Government Version: 02/22/2016  
Number of Days to Update: 84  
Last EDR Contact :05/13/2016

Source: Department of Environmental Protection  
Telephone: 775-687-9463

### **UST:** Underground Storage Tank List

Standard Environmental Record Source: State and tribal registered storage tank lists  
Search Distance: Property

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.

## RECORD SOURCES AND CURRENCY

Date of Government Version: 03/13/2016  
Number of Days to Update: 55  
Last EDR Contact :03/23/2016

Source: Department of Conservation and Natural Resources  
Telephone: 775-687-5872

### **VCP:** Voluntary Cleanup Program Sites

Standard Environmental Record Source: State and tribal voluntary cleanup sites  
Search Distance: 0.333 Mile

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

Date of Government Version: 08/16/2011  
Number of Days to Update: 15  
Last EDR Contact :03/24/2016

Source: Department of Conservation & Natural Resources  
Telephone: 775-687-9381

### **Washoe Co. UST:** Underground Storage Tank in Washoe County

Standard Environmental Record Source: State and tribal registered storage tank lists  
A listing of underground storage tank sites located in Washoe County.

Date of Government Version: 04/01/2016  
Number of Days to Update: 42  
Last EDR Contact :03/28/2016

Source: Washoe County Department of Environmental Health  
Telephone: 775-328-2493

### **2020 COR ACTION:** 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.25 Mile

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

Date of Government Version: 04/22/2013  
Number of Days to Update: 6  
Last EDR Contact :05/12/2016

Source: Environmental Protection Agency  
Telephone: 703-308-4044

### **COAL ASH DOE:** Steam-Electric Plant Operation Data

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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

Date of Government Version: 12/31/2005  
Number of Days to Update: 76  
Last EDR Contact :04/15/2016

Source: Department of Energy  
Telephone: 202-586-8719

### **COAL ASH EPA:** Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

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

Date of Government Version: 07/01/2014  
Number of Days to Update: 40  
Last EDR Contact :03/11/2016

Source: Environmental Protection Agency  
Telephone: Not Reported

## RECORD SOURCES AND CURRENCY

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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

Date of Government Version: 12/31/2014

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 46

Telephone: Varies

Last EDR Contact :03/24/2016

### **CORRACTS:** Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2015

Source: EPA

Number of Days to Update: 34

Telephone: 800-424-9346

Last EDR Contact :03/30/2016

### **DEBRIS REGION 9:** Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

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

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :04/21/2016

### **DOT OPS:** Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :05/04/2016

### **Delisted NPL:** National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :04/05/2016

### **ECHO:** Enforcement & Compliance History Information

Standard Environmental Record Source: Other Standard Environmental Records



## RECORD SOURCES AND CURRENCY

Search Distance: Property

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015

Source: Environmental Protection Agency

Number of Days to Update: 103

Telephone: 202-564-2280

Last EDR Contact :03/23/2016

### **EPA WATCH LIST:** EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 08/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 88

Telephone: 617-520-3000

Last EDR Contact :05/09/2016

### **ERNS:** Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

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

Date of Government Version: 03/28/2016

Source: National Response Center, United States Coast Guard

Number of Days to Update: 51

Telephone: 202-267-2180

Last EDR Contact :03/30/2016

### **FEMA UST:** Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

Number of Days to Update: 55

Telephone: 202-646-5797

Last EDR Contact :04/11/2016

### **FINDS:** Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/20/2015

Source: EPA

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :03/08/2016

## RECORD SOURCES AND CURRENCY

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 04/09/2009

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :05/20/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

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

Date of Government Version: 04/09/2009

Source: EPA

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :05/20/2016

**FUDS:** Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 01/31/2015

Source: U.S. Army Corps of Engineers

Number of Days to Update: 97

Telephone: 202-528-4285

Last EDR Contact :03/11/2016

**FUELS PROGRAM:** EPA Fuels Program Registered Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2016

Source: EPA

Number of Days to Update: 86

Telephone: 800-385-6164

Last EDR Contact :05/25/2016

**FUSRAP:** Formerly Utilized Sites Remedial Action Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/11/2016

Source: Department of Energy

Number of Days to Update: 80

Telephone: 202-586-3559

Last EDR Contact :05/09/2016

**HIST FTTS:** FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

## RECORD SOURCES AND CURRENCY

Search Distance: Property

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

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

### **HMIRS: Hazardous Materials Information Reporting System**

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 06/24/2015

Source: U.S. Department of Transportation

Number of Days to Update: 68

Telephone: 202-366-4555

Last EDR Contact :03/30/2016

### **ICIS: Integrated Compliance Information System**

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 01/23/2015

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 202-564-5088

Last EDR Contact :04/08/2016

### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015

Source: EPA Region 1

Number of Days to Update: 67

Telephone: 617-918-1313

Last EDR Contact :04/29/2016

### **INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land**

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 01/07/2016

Source: EPA Region 10

Number of Days to Update: 41

Telephone: 206-553-2857

Last EDR Contact :04/29/2016

### **INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016

Source: EPA Region 4

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 35  
Last EDR Contact :04/26/2016

Telephone: 404-562-8677

**INDIAN LUST R5:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016  
Number of Days to Update: 37  
Last EDR Contact :04/27/2016

Source: EPA, Region 5  
Telephone: 312-886-7439

**INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015  
Number of Days to Update: 105  
Last EDR Contact :04/29/2016

Source: EPA Region 6  
Telephone: 214-665-6597

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015  
Number of Days to Update: 112  
Last EDR Contact :04/29/2016

Source: EPA Region 7  
Telephone: 913-551-7003

**INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015  
Number of Days to Update: 118  
Last EDR Contact :04/27/2016

Source: EPA Region 8  
Telephone: 303-312-6271

**INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016  
Number of Days to Update: 37  
Last EDR Contact :04/27/2016

Source: Environmental Protection Agency  
Telephone: 415-972-3372

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

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Number of Days to Update: 52  
Last EDR Contact :04/27/2016

Source: Environmental Protection Agency  
Telephone: 703-308-8245

**INDIAN UST R1:** Underground Storage Tanks on Indian Land

## RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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

Date of Government Version: 10/20/2015

Source: EPA, Region 1

Number of Days to Update: 67

Telephone: 617-918-1313

Last EDR Contact :04/29/2016

### **INDIAN UST R10:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 01/07/2016

Source: EPA Region 10

Number of Days to Update: 41

Telephone: 206-553-2857

Last EDR Contact :04/29/2016

### **INDIAN UST R4:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 02/05/2016

Source: EPA Region 4

Number of Days to Update: 35

Telephone: 404-562-9424

Last EDR Contact :04/26/2016

### **INDIAN UST R5:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 11/05/2015

Source: EPA Region 5

Number of Days to Update: 52

Telephone: 312-886-6136

Last EDR Contact :04/27/2016

### **INDIAN UST R6:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 12/03/2015

Source: EPA Region 6

Number of Days to Update: 120

Telephone: 214-665-7591

Last EDR Contact :04/29/2016

### **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 09/23/2014

Source: EPA Region 7

Number of Days to Update: 65

Telephone: 913-551-7003

Last EDR Contact :04/29/2016

## RECORD SOURCES AND CURRENCY

### **INDIAN UST R8:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 01/26/2016

Source: EPA Region 8

Number of Days to Update: 119

Telephone: 303-312-6137

Last EDR Contact :04/29/2016

### **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 02/25/2016

Source: EPA Region 9

Number of Days to Update: 37

Telephone: 415-972-3368

Last EDR Contact :04/27/2016

### **INDIAN VCP R1:** Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: Property

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

Date of Government Version: 07/27/2015

Source: EPA, Region 1

Number of Days to Update: 142

Telephone: 617-918-1102

Last EDR Contact :04/01/2016

### **INDIAN VCP R7:** Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

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

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

### **LEAD SMELTER 1:** Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-603-8787

Last EDR Contact :04/07/2016

### **LEAD SMELTER 2:** Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

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

Date of Government Version: 04/05/2001

Source: American Journal of Public Health

Number of Days to Update: 36

Telephone: 703-305-6451

Last EDR Contact :12/02/2009



## RECORD SOURCES AND CURRENCY

### **LIENS 2: CERCLA Lien Information**

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

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: 02/18/2014

Source: Environmental Protection Agency

Number of Days to Update: 37

Telephone: 202-564-6023

Last EDR Contact :04/26/2016

### **LUCIS: Land Use Control Information System**

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

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

Date of Government Version: 05/28/2015

Source: Department of the Navy

Number of Days to Update: 13

Telephone: 843-820-7326

Last EDR Contact :05/16/2016

### **MLTS: Material Licensing Tracking System**

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 03/07/2016

Source: Nuclear Regulatory Commission

Number of Days to Update: 28

Telephone: 301-415-7169

Last EDR Contact :05/06/2016

### **NPL: National Priority List**

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :04/05/2016

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-566-0690

EPA Region 1  
Telephone: 617-918-1102

EPA Region 2  
Telephone: 212-637-4293

## RECORD SOURCES AND CURRENCY

EPA Region 3  
Telephone: 215-814-5418

EPA Region 4  
Telephone: 404-562-8681

EPA Region 5  
Telephone: 312-353-1063

EPA Region 6  
Telephone: 214-655-6659

EPA Region 7  
Telephone: 913-551-7247

EPA Region 8  
Telephone: 303-312-6118

EPA Region 9  
Telephone: 415-947-4579

EPA Region 10  
Telephone: 206-553-4479

### **NPL LIENS:** Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Date of Government Version: 10/15/1991

Source: EPA

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

### **ODI:** Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

### **PADS:** PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/01/2014

Source: EPA

Number of Days to Update: 33

Telephone: 202-566-0500

Last EDR Contact :04/12/2016

### **PCB TRANSFORMER:** PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

## RECORD SOURCES AND CURRENCY

Date of Government Version: 02/01/2011  
Number of Days to Update: 83  
Last EDR Contact :04/26/2016

Source: Environmental Protection Agency  
Telephone: 202-566-0517

### **Proposed NPL:** Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL  
Search Distance: 0.333 Mile

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: 03/07/2016  
Number of Days to Update: 10  
Last EDR Contact :04/05/2016

Source: EPA  
Telephone: Not Reported

### **RAATS:** RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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  
Number of Days to Update: 35  
Last EDR Contact :06/02/2008

Source: EPA  
Telephone: 202-564-4104

### **RADINFO:** Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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: 07/07/2015  
Number of Days to Update: 69  
Last EDR Contact :04/08/2016

Source: Environmental Protection Agency  
Telephone: 202-343-9775

### **RCRA NonGen / NLR:** RCRA - Non Generators / No Longer Regulated

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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: 12/09/2015  
Number of Days to Update: 34  
Last EDR Contact :03/30/2016

Source: Environmental Protection Agency  
Telephone: 703-308-8895

### **RCRA-CESQG:** RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list  
Search Distance: Property

## RECORD SOURCES AND CURRENCY

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: 12/09/2015

Source: Environmental Protection Agency

Number of Days to Update: 34

Telephone: 703-308-8895

Last EDR Contact :03/30/2016

### **RCRA-LQG:** RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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: 12/09/2015

Source: Environmental Protection Agency

Number of Days to Update: 34

Telephone: 703-308-8895

Last EDR Contact :03/30/2016

### **RCRA-SQG:** RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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: 12/09/2015

Source: Environmental Protection Agency

Number of Days to Update: 34

Telephone: 703-308-8895

Last EDR Contact :03/30/2016

### **RCRA-TSDF:** RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

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: 12/09/2015

Source: Environmental Protection Agency

Number of Days to Update: 34

Telephone: 703-308-8895

Last EDR Contact :03/30/2016

### **ROD:** Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 11/25/2013

Source: EPA

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 74  
Last EDR Contact :03/08/2016

Telephone: 703-416-0223

### **SCRD DRYCLEANERS:** State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

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  
Number of Days to Update: 54  
Last EDR Contact :05/20/2016

Source: Environmental Protection Agency  
Telephone: 615-532-8599

### **SEMS:** Superfund Enterprise Management System

Standard Environmental Record Source: Federal CERCLIS  
Search Distance: 0.333 Mile

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016  
Number of Days to Update: 10  
Last EDR Contact :04/05/2016

Source: EPA  
Telephone: 800-424-9346

### **SEMS-ARCHIVE:** Superfund Enterprise Management System Archive

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 03/07/2016  
Number of Days to Update: 10  
Last EDR Contact :04/05/2016

Source: EPA  
Telephone: 800-424-9346

### **SSTS:** Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203

## RECORD SOURCES AND CURRENCY

Last EDR Contact :04/25/2016

### **TRIS:** Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2014

Source: EPA

Number of Days to Update: 133

Telephone: 202-566-0250

Last EDR Contact :05/24/2016

### **TSCA:** Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2012

Source: EPA

Number of Days to Update: 14

Telephone: 202-260-5521

Last EDR Contact :03/24/2016

### **UMTRA:** Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 09/14/2010

Source: Department of Energy

Number of Days to Update: 146

Telephone: 505-845-0011

Last EDR Contact :05/23/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 10/20/2015

Source: EPA

Number of Days to Update: 69

Telephone: 202-564-2496

Last EDR Contact :03/24/2016

### **US AIRS MINOR:** Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 10/20/2015

Source: EPA

Number of Days to Update: 69

Telephone: 202-564-2496



## RECORD SOURCES AND CURRENCY

Last EDR Contact :03/24/2016

### **US BROWNFIELDS:** A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015

Source: Environmental Protection Agency

Number of Days to Update: 57

Telephone: 202-566-2777

Last EDR Contact :03/22/2016

### **US CDL:** Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 02/18/2016

Source: Drug Enforcement Administration

Number of Days to Update: 88

Telephone: 202-307-1000

Last EDR Contact :05/31/2016

### **US ENG CONTROLS:** Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 09/10/2015

Source: Environmental Protection Agency

Number of Days to Update: 53

Telephone: 703-603-0695

Last EDR Contact :05/25/2016

### **US FIN ASSUR:** Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 09/01/2015

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-566-1917

Last EDR Contact :05/18/2016

### **US HIST CDL:** National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/18/2016  
Number of Days to Update: 88  
Last EDR Contact :03/01/2016

Source: Drug Enforcement Administration  
Telephone: 202-307-1000

### **US INST CONTROL:** Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries  
Search Distance: Property

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: 09/10/2015  
Number of Days to Update: 53  
Last EDR Contact :05/25/2016

Source: Environmental Protection Agency  
Telephone: 703-603-0695

### **US MINES:** Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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

Date of Government Version: 02/09/2016  
Number of Days to Update: 44  
Last EDR Contact :06/02/2016

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

### **DOD:** Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

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  
Number of Days to Update: 62  
Last EDR Contact :04/15/2016

Source: USGS  
Telephone: 888-275-8747

### **INDIAN RESERV:** Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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  
Number of Days to Update: 34  
Last EDR Contact :04/15/2016

Source: USGS  
Telephone: 202-208-3710

### **PWS:** Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

## RECORD SOURCES AND CURRENCY

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013

Source: EPA

Number of Days to Update: 279

Telephone: Not Reported

Last EDR Contact :05/31/2016

# RECORD SOURCES AND CURRENCY

## HISTORICAL USE RECORDS

### **RGA HWS:** Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Conservation and Natural Resources in Nevada.

Date of Government Version: Not Reported

Source: Department of Conservation and Natural Resources

Number of Days to Update: 178

Telephone: Not Reported

Last EDR Contact :06/01/2012

### **RGA LF:** Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Conservation and Natural Resources in Nevada.

Date of Government Version: Not Reported

Source: Department of Conservation and Natural Resources

Number of Days to Update: 199

Telephone: Not Reported

Last EDR Contact :06/01/2012

### **RGA LUST:** Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Conservation and Natural Resources in Nevada.

Date of Government Version: Not Reported

Source: Department of Conservation and Natural Resources

Number of Days to Update: 178

Telephone: Not Reported

Last EDR Contact :06/01/2012

### **EDR Hist Auto:** EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.125 Mile

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

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

### **EDR Hist Cleaner:** EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.125 Mile

## RECORD SOURCES AND CURRENCY

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

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

### **EDR MGP:** EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

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: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

# RECORD SOURCES AND CURRENCY

## 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.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 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® 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

### **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.

## STREET AND ADDRESS INFORMATION

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# APPENDIX H

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## Resumes

## Brett C. Bottenberg, M.S., C.E.M

### Project Engineer

### Professional Experience

Mr. Bottenberg is an Environmental Scientist and Engineer with more than 11 years of professional experience in conducting Phase I and II Environmental Site Assessments (ESAs), National Environmental Policy Act (NEPA) reviews, Spill Prevention, Control, and Countermeasure (SPCC) Plans, Bioremediation Plans, Brownfields Assessments/Project Management, complex laboratory analyses, and analytical data review. Applied experience includes conducting over 400 Phase I ESAs, Phase II ESAs, SPCC Plans and NEPA reviews throughout Nevada, California, Utah, 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, and remediation systems.

### Project Experience

#### *Bioremediation Plan*

- **Confidential Oil Production Client, Nevada** – Project Manager responsible for design and implementation of a bioremediation plan to treat soils contaminated with crude oil at an oil production facility in rural Nevada.

#### *Spill Prevention, Control, and Countermeasure Plans*

- **Various Confidential Corporate Clients, Nevada and California** – Project Manager responsible for authoring SPCC Plans for oil production facilities, bulk oil plants, and industrial/commercial facilities containing above ground oil storage greater than 1,320 gallons in order to comply with 40 CFR 112 regulations.

#### *Phase I / II Environmental Site Assessments and NEPA Review Projects*

- **Confidential Corporate Client, numerous sites within Nevada and Utah** – 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 State Historic Preservation Office (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, construction, and real estate industries. Managed and authored over 350 Phase I Environmental Site Assessments and Transaction Screen Assessments for various companies located in Las Vegas and throughout the western states.
- **Confidential Corporate Client, Las Vegas, NV** – Project manager responsible for sampling for lead based paint within Section 8 apartment housing in downtown Las Vegas.
- **Confidential Public Client, Las Vegas, NV** – Project manager responsible for Phase I and Phase II Environmental Site Assessments performed on various properties throughout Las Vegas, Nevada.

### *Brownfields Projects*

- **State of Nevada Brownfields Projects** – Project manager responsible for community outreach, local government assistance, and conducting assessments on blighted properties that are proposed to be renovated and/or developed by cities, towns, counties, or non-federal government agencies within the State of Nevada.

### *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 related to State of Nevada certification.
- **Nevada Federal Public Defenders Office, Las Vegas, NV** – Helped provide expert analysis of chain of custody, sampling protocol, and laboratory data for 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** – Researcher responsible for design of 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.

Engineer in Training, EIT#20066.

OSHA Hazwoper 40 Hour Certification.

OSHA Hazwoper 8 Hour Refresher.

Adult First Aid/CPR/AED Certification.

## **Affiliations**

Commercial Real Estate Development Association (NAIOP).

Nevada Professional Facilities Managers Association (NPFMA).

**Lauren Bruno**  
**Staff Scientist****Professional Experience**

Mrs. Bruno is a graduate from Florida State University with a Bachelor's of Science Degree in Environmental Studies. Mrs. Bruno's areas of expertise include soil gas sampling, water quality monitoring, water sampling, due diligence (Phase I ESAs) investigations, and permitting. Responsibilities include report preparation, correspondence, as well as field activities including groundwater sampling, oversight of remedial activities and drilling activities.

**Project Experience**

- **Titanium Metals Facility, Henderson, NV** – Staff scientist responsible for acting as the authorized representative of the State of Nevada Division of Environmental Protection (NDEP) to oversee the remediation of contaminated materials. Supervised all field staff and interfaced directly with responsible parties, oversight team for insurance company, other regulatory agencies, construction project manager, and affected community. Oversight included detailed review of plans, specifications, local, county, State and Federal regulations and guidance. Developed photographic and written reports for delivery to the NDEP.
- **City of Henderson Landfill, Henderson, NV** – Staff scientist responsible for monitoring services including landfill gas samples, monitoring erosion of the area, and performing security and maintenance duties.
- **Phase I Environmental Site Assessments** – Mrs. Bruno has performed numerous Phase I Environmental Site Assessments (ESA's) in the state of Nevada. Sites include gas stations, warehouses, undeveloped land auto stations and strip malls. This experience allows Mrs. Bruno to meet clients' environmental due diligence needs in a direct and reliable manner.

**Education**

B.S., Environmental Geography, Florida State University, 2007

**Certifications and Registrations**

OSHA Hazwoper 40 Hour Certification.

Adult First Aid/CPR/AED Certification.

Environmental Due Diligence Certification

Nevada Asbestos License I-1880