

# **Walker River Brownfields: Babbitt Houses Phase I Environmental Site Assessment**

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**September 13, 2023**

**Environmental Investigations Report Number: 1613.1**

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**List of Common Acronyms**

<i>AUL</i>	Activity and Use Limitations.
<i>CERCLA</i>	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §9601 <i>et seq.</i> ).
<i>CERCLIS</i>	Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA).
<i>CFR</i>	Code of Federal Regulations.
<i>CORRACTS</i>	Facilities subject to Corrective Action under RCRA.
<i>EPA</i>	United States Environmental Protection Agency.
<i>EPCRA</i>	Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 U.S.C. §§11001-11050 <i>et seq.</i> ).
<i>ERNS</i>	Emergency Response Notification System.
<i>ESA</i>	Environmental Site Assessment (different than environmental compliance audit).
<i>FOIA</i>	U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.).
<i>FR</i>	Federal Register.
<i>ICs</i>	Institutional Controls.
<i>LLP</i>	Landowner Liability Protections under the <i>Brownfields Amendments</i>
<i>LUST</i>	Leaking Underground Storage Tank.
<i>MSDS</i>	Material Safety Data Sheet.
<i>NCP</i>	National Contingency Plan.
<i>NFRAP</i>	former CERCLIS sites where no further remedial action is planned under CERCLA.
<i>NPDES</i>	National Pollutant Discharge Elimination System.
<i>NPL</i>	National Priorities List.
<i>PCBs</i>	Polychlorinated Biphenyls.
<i>PRP</i>	Potentially Responsible Party (pursuant to CERCLA 42 U.S.C. §9607(a)).
<i>RCRA</i>	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 <i>et seq.</i> ).
<i>SARA</i>	Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA).
<i>TSDF</i>	Hazardous waste treatment, storage, or disposal facility.
<i>USC</i>	United States Code.
<i>USGS</i>	United States Geological Survey.
<i>UST</i>	Underground Storage Tank.

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## Glossary of Terms

**Adjacent property:** An adjoining property, or any real property or properties the border of which is contiguous or partially contiguous with that of the subject parcel, or that would be contiguous or partially contiguous with that of the subject parcel but for a street, road, or other public thoroughfare separating them. Adjoining subject parcels are not considered adjacent, as they have been studied individually.

**Appropriate inquiry:** That inquiry constituting “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in CERCLA, 42 USC § 9601(35)(B), that will give a party to a commercial real estate transaction the *innocent landowner defense* to CERCLA liability (42 USC § 9601(A) and (B) and § 9607(b)(3)), assuming compliance with other elements of the defense.

**Approximate minimum search distance:** The area for which records must be obtained and reviewed pursuant to Section 7 of ASTM E1527-21 subject to the limitations provided in that section. This may include areas outside of the *subject parcel* and shall be measured to the nearest property boundary. For this project, the approximate minimum search distances utilized were those given in ASTM E1527-21 Section 7.2.1.1.

**AUL:** Activity and Use Limitations

**Comprehensive Environmental Response, Compensation, and Liability Information System:** The list of sites compiled by EPA that EPA has investigated or is currently investigating for potential *hazardous substance* contamination for possible inclusion on the *National Priorities List*.

**Due diligence:** The process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

**Environmental lien:** A charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC § 9607(1) and similar state or local laws.

**Hazardous Substance:** A substance defined as a hazardous substance pursuant to CERCLA 42 USC § 9601(14), as interpreted by EPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC § 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC § 6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any

fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

**Innocent landowner defense:** That defense to CERCLA liability provided in 42 USC § 9601(35) and § 9607(b)(3). One of the requirements to qualify for this defense is that the party makes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice.” There are additional requirements to qualify for this defense.

**Key site manager:** The person identified by the owner of a property as having good knowledge of the uses and physical characteristics of the property. In this project, key site managers were identified primarily as the parcel owner or manager.

**National Priorities List:** The list compiled by EPA pursuant to CERCLA 42 USC § 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See (Code of Federal Regulations) 40 CFR Part 300.

**Petroleum products:** Those substances included within the meaning of the petroleum exclusion to CERCLA, 42 USC § 9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.

**Practically reviewable:** Information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Refer to ASTM 1527-97 for a more detailed definition of what constitutes practically reviewable information.

**Publicly available:** Information that is publicly available means that the source of the information allows access to the information by anyone upon request.

**RCRA generators:** Those persons or entities that generate hazardous wastes as defined and regulated by RCRA.

**Reasonably ascertainable/Standard Sources:** Availability of record information varies from information source to information source, including governmental jurisdictions. The user of the report or the environmental professional is not obligated to identify, obtain, or review every possible record source that might exist with respect to a property. Instead, ASTM E1527-21 identifies record information that shall be reviewed from standard sources, and the user or environmental professional is required to review only record information that is reasonable ascertainable from those standard sources. Record information that is reasonably ascertainable means (1) information that is publicly available, (2) information that is obtainable from its source within reasonable time and cost constraints, and (3) information that is *practically reviewable*.

**Recognized environmental conditions (RECs):** The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

**Reliance:** An environmental professional is not required to verify independently the information provided by may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I Environmental Site Assessment or otherwise actually known to the environmental professional.

**Site visit:** The visit to the property or location during which observations are made constituting the site reconnaissance section of ASTM E1527-21.

**Subject Site:** A property or specific location that lies within the area studied by the Phase 1.

**Visually and/or physically observed:** During a site visit, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors.

## 1. Environmental Site Assessment Summary



Figure 1. One of the two Babbitt house structures as seen looking due west towards U.S. 95.

### 1.1. Introduction

A Phase I Environmental Site Assessment (ESA) was performed in conformance with the American Society of Testing and Materials (ASTM) Practice E1527-21 (“Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, 2021) for two adjacent structures locally known as the “Babbitt houses” located on the Walker River Paiute Tribe Reservation (Figure 1). The purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a property with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes “all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or and customary practice. The purpose of performing the ESA is to identify recognized environmental conditions (RECs) related to the subject site.





Figure 2. Google Earth view of the subject sites marked with yellow pins.

## 1.2. Purpose

The results of the environmental assessments presented in this report are intended to identify recognized environmental conditions including the presence of hazardous substances or petroleum products that lie within the subject site area or adjacent properties. Recognized environmental conditions are defined as the likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing, past, or potential release of products into structures or into the ground or groundwater of the property. The site assessment covers the land and any site improvements, such as buildings, that lie within the subject site area. Recognized environmental sites were also identified within 1 mile of the subject sites including detailed descriptions of known sites. Physical settings of the site and area were also reviewed including the location of private and public water wells, soil types, flood zones, wetlands, earthquake faults power line locations and streets, railroad tracks and bridges.

## 1.3. Special Terms and Conditions

No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this Phase I Environmental Site Assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property.

A Phase I Environmental Site Assessment is a practice that is site-specific in that it relates to the assessment of environmental conditions on a specific parcel of real estate or subject site. Consequently, this practice does not address many additional issues raised in transactions such as

purchases of business entities, or interests therein, or of their assets, that may well involve environmental liabilities pertaining to properties previously owned or operated or other offsite environmental liabilities.

Information in this Phase I Environmental Site Assessment report is limited to data that is considered practically reviewable. This includes data from source agencies where the information is provided in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. Public records are considered practically reviewable if records can be obtained from the source agency by location references, such as address, parcel number, or zip code. If records are not readily available based on a location reference, they are not considered practically reviewable.

This Phase I is intended to provide an initial environmental assessment of tribal properties that have been designated as EPA Brownfields sites. The assessment warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the protocol. These methodologies are described by the standard as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. These findings and conclusions contain all limitations inherent in these methodologies which are referred to in the protocol.

#### **1.4. Use by Third Parties**

This report was prepared pursuant to the contract between the environmental professionals (EP) and the Client. That contractual relationship included an exchange of information about the project area that was unique and between the EP and its Client and serves as the basis upon which this report was prepared. Because of the importance of the communication between the EP and its Client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and, therefore, not foreseeable to the EP.

Reliance or use by any such third party without the explicit authorization in the report does not make said third party a third-party beneficiary to the EP's contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties, or representatives, expressed or implied in this report, are made to any such third party.

## **2. Information Sources and Methodology**

The methodology used to perform Environmental Site Assessments for parcels within the project area adheres to ASTM guidelines "Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process," designation E1527-21. A review of environmental regulatory databases and documents was performed to identify environmental issues in the project area and surrounding vicinity.

### **2.1. Project Area Information Sources**

Sections 3 through 5 of this report provide background information and general assessment data that is applicable to the project area and surrounding vicinity. Section 3 is property specific information such as history and ownership, Sanborn maps, aerial photographs and topographic

maps, and site reconnaissance and interviews. Section 4 includes information on the physical setting of the site and vicinity including soil type, groundwater conditions, soil and groundwater contamination in the area, and water well locations. Table 1 provides a summary of information sources that were used by the EP to gather general information for these sections.

Table 1. Sources used by the EP for the Environmental Site Assessment.

Information Source	Comments
USGS 7.5 Minute Topographic Map	Quadrangle
EDR Environmental Data Resources	Federal, State, and local environmental database within 1 mile of the site
CERCLIS Federal EPA	Superfund site list
RCRA NonGen / NLR	EPA database including information on generation, treatment, handling, and disposal of hazardous wastes
FINDS	Facility Index System, assigns an EPA ID number to facility
The Sanborn Library	Sanborn maps

## 2.2. Regulatory Records Review Information Sources

A records review was performed by the EP to obtain information on the site's physical and environmental conditions. This data was sourced from the federal, state, county and city agencies listed in Table 1. A commercial search company, Environmental Data Resources (EDR), was used to obtain information on site records from listed agencies in Table 2 and from the Sanborn Fire Insurance Map Company, USGS topographic maps, and other sources.

## 2.3. EDR Regulatory Records Review

A search of available environmental records was conducted by a private search firm called Environmental Data Resources (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) and the ASTM Standard Practice for Environmental Site Assessments E1527-21.

The following federal and state regulatory agency databases were reviewed by EDR and EP staff and found to contain at least 1 record per database type within the 1-mile search radius for the agencies listed. A summary list of the record names is included in Appendix E along with more detailed individual information. Figure 3 is a map of the records found within a 1-mile radius of the subject site, location within the 1-mile radius, the direction of each record in relation to the subject site and the relative elevation from the subject site. Table 2 is a summary of the records located by agency and the number of records found within 1 mile of the subject site.

Table 2. Agency databases with records found on and within 1 mile of the subject site.

Record Type	Environmental Record	Number	Distance
Standard Environmental Records	INDIAN UST	2	< 0.25 mi
Additional Environmental Records	INDIAN RESERV	1	Subject Site
Total Records			2

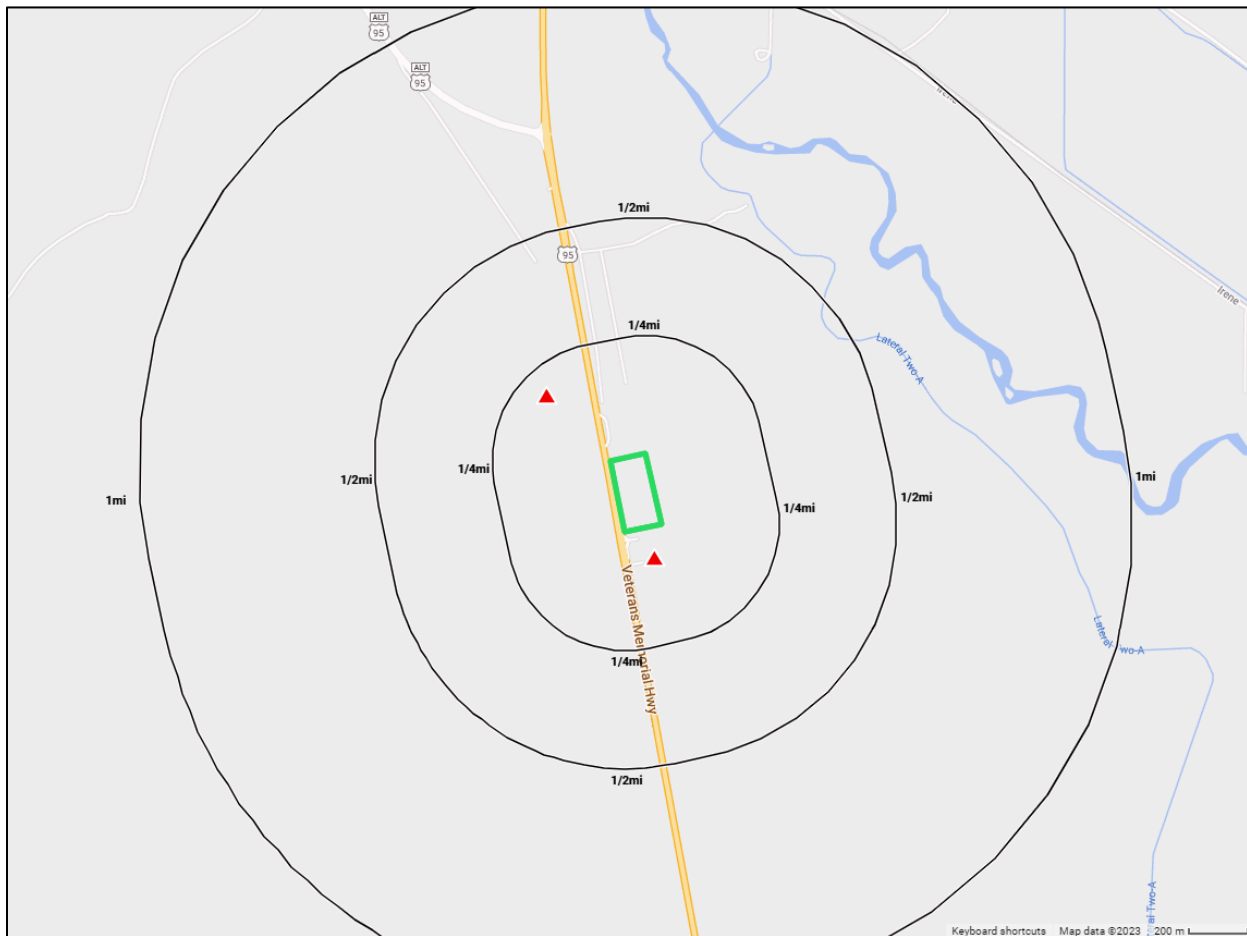


Figure 3. Map of sites found within 1 mile of the subject area.

- **INDIAN UST:** A listing of underground storage tank locations on Indian Land. A review of the INDIAN UST list, as provided by EDR, has revealed that there are 2 INDIAN UST sites within approximately 0.25 miles of the target property.
- **INDIAN RESERV:** This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres. A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

A review of the following listed databases within Table 3 did not yield any sites within 1 mile from the subject site. To ensure that all possible information sources were reviewed, local agencies were also checked for sites located on the property in question in addition to adjacent properties. These agencies were listed previously in Table 1. The history section of this audit summarizes any information obtained by reviewing the local record sources.

Table 3. Agency databases with no sites found within 1 mile of subject site.

Record Type	Environmental Record
Standard Environmental Records	Federal NPL List: NPL, Proposed NPL, NPL LIENS, Delisted NPL
	Federal CERCLIST List: Federal Facility, SEMS, SEMS-ARCHIVE
	RCRA CORRACTS Facilities: CORRACTS
	RCRA non-CORRACTS TSD Facilities: RCRA-TSDF
	RCRA Generators: RCRA-LQG, RCRA-SQG, RCRA-VSQG
	Federal Institutional Controls / Engineering Controls Registries: LUCIS, US ENG CONTROLS, US INST CONTROLS
	Federal ERNS List: ERNS
	Lists of State and Tribal Hazardous Waste Facilities: SHWS
	State and Tribal Landfill and/or Solid Waste Disposal Sites: SWF/LF
	State and Tribal Leaking Underground Storage Tanks: LUST, INDIAN LUST
	State and Tribal Registered Storage Tank Lists: FEMA UST, UST, AST
	State and Tribal Voluntary Cleanup Sites: VCP, INDIAN VCP
State and Tribal Brownfields Sites: BROWNFIELDS	
Additional Environmental Records	Local Brownfield Lists: US BROWNFIELDS
	Local Lists of Landfill / Solid Waste Disposal Sites: SWRCY, INDIAN ODI, DEBRIS REGION 9, ODI, IHS OPEN DUMPS
	Local Lists of Hazardous Waste / Contaminated Sites: US HIST CDL, US CDL

	Local Land Records: LIENS 2
	Records of Emergency Releases Reports: HMIRS
	Other Ascertainable Records: RCRA NonGen / NLR, FUDS, DOD, SCRD DRYCLEANERS, US FIN ASSUR, EPA WATCH LIST, 2020 COR ACTION, TSCA, TRIS, SSTS, ROD, RMP, RAATS, PRP, PADS, ICIS, FTTS, MLTS, COAL ASH DOE, COAL ASH EPA, PCB TRANSFORMER, RADINFO, HIST FTTS, DOT OPS, CONSENT, FUSRAP, UMTRA, LEAD SMELTERS, US AIRS, US MINES, ABANDONED MINES, FINDS, ECHO, UXO, DOCKET HWC, FUELS PROGRAM, AIRS, COAL ASH, Financial Assurance, HMRI, NPDES, MINES MRDS
EDR High Risk Historical Records	EDR Exclusive Records: EDR MGP, EDR Hist Auto, EDR Hist Cleaner
EDR Recovered Government Archives	Exclusive Recovered Government Archives: RGA HWS, RGA LF, RGA LUST

### 3. History and Ownership

The subject sites are 2 abandoned structures on the Walker River Paiute Reservation that are locally known as the “Babbitt houses”. While the exact origin of the two structures is unclear, they were most likely transferred to the reservation from the abandoned town of Babbit, NV to serve as supplementary tribal housing. Babbit, NV was a former government housing community created during World War 2 and used/expanded for the Korean War for workers of the nearby Hawthorne Naval Ammunition Depot. Most of the houses were constructed as duplexes with modular interiors that could be rearranged into different floorplans without compromising structural integrity. Sources indicate that after the Korean War, the town was gradually decommissioned and many of the houses were moved away between the late 1950s and mid-1980s.

Aerial photos of the subject area show that the two houses appeared in their current location sometime between 1980 and 1994. It is possible that the houses were initially at a different part of the reservation before being moved next to the highway. Construction date records were unable to be located, but the original structures were most likely built between 1941 and 1954. Recovered aerial photos date back to 1948 and show that the subject area was undeveloped until the appearance of the houses in their current location.

Although the uncertainty surrounding the exact history of the Babbit houses and the absence of records dating back to 1940 are considered to be data gaps; they did not impact McGinnis and Associate’s ability to identify RECs. County assessor’s office records were unavailable due to the subject site’s location on tribal lands. Given the age and history of the Babbit houses, the Tribe may also need to investigate eligibility under the National Historic Preservation Act if they wish for the structures to be restored as a historic site.

### 3.1. Sanborn Fire Insurance Map Review

To obtain additional historical information on the property Sanborn fire insurance maps were obtained and reviewed. 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 in towns. Collections searches include the Library of Congress, University Publications of America, and EDR Private Collection. This report is included in Appendix A, showing that no fire insurance maps were found for the property.

### 3.2. Site Reconnaissance and Interview

An initial site visit of multiple Brownfields locations on Walker River Tribal lands was performed on January 3, 2019, with follow-up site visits performed on July 14, 2022, and November 15, 2022. The Babbitt houses were photographed and inspected during the November site visit but were not originally selected for the first round of Brownfields Phase 1 reports.

The Babbitt houses are located approximately 1.5 miles south of the town center of Schurz, NV and just 160 feet east of U.S Route 95. The houses are distanced roughly 500 feet apart and are situated on a plot of land between the current Tribal fuel station/market to the north and the former Black Mountain Truck Stop to the south (also a Tribal Brownfields site). Both structures are in poor condition and highly weathered from exposure to the elements (Figure 4 and Figure 5). The houses sit on an elevated concrete and wood foundation (Figure 6) where there were numerous piles of trash and bottles observed around the foundation of each. The interiors of the Babbitt houses are in a similarly poor condition with broken walls, fallen ceiling panels, and flaking paint throughout. The age of the structures indicates that asbestos and lead-based paint were potentially used during the original construction and/or subsequent renovations (Figure 7 and Figure 8).



Figure 4. The front of one of the Babbitt house structures as seen looking due east.



Figure 5. Looking north towards the second Babbitt house and Tribal fueling station.



Figure 6. Each Babbitt house sits on a temporary foundation that is open underneath.





Figure 7. Interior view showing probable lead paint and asbestos contamination.



Figure 8. Additional view of the heavily weathered interior and surfaces with flaking paint.

## **4. Physical Setting and Environmental Findings**

### **4.1. Geological and Hydrological Characteristics**

The town of Schurz is wholly located in the Walker River Reservation and within an alluvial valley of the Walker River system. The region is surrounded by the Wassuk Mountain Range to the west, the Calico Hills and Agai Pah Hills to the east, Weber Reservoir to the north, and Walker Lake to the south. The subject site area is situated approximately 0.75 miles west of the Walker River and sits roughly 100 feet higher than the floodplain. The elevation of the subject site is approximately 4,209 feet above sea level, with slope estimated at less than 10 percent. Regional vegetation consists of northern Great Basin shrub species, such as basin big sagebrush and bitterbrush, and grasslands of cheatgrass and mixed perennial grasses. The area surrounding the subject site is high desert and sparsely vegetated.

The regional groundwater system generally flows north to south parallel to the Walker River and west to east from the Wassuk Mountain Range. Generally, shallower depth to groundwater is related to proximity to the river. The groundwater flow direction in the vicinity of the property is assumed to be primarily from the east. Depth to groundwater is estimated to be approximately 50 to 150 feet below land surface (BLS) in the area near and beneath the subject site, according to the Nevada Division of Water Resources online Well Log Database.

### **4.2. Environmental Concerns**

Only two environmental records were found by the EDR radius search, and both are underground storage tanks (USTs). The first is a historic diesel UST located less than 0.25 miles to the south at the former Black Mountain Truck Stop. Records show that the tank was installed in April 1992, has a capacity of 30,000 gallons, and has a status of “temporarily out of use”. It is unknown if the tank contains any leftover fuel; however, it was most likely pumped empty when the facility was abandoned and therefore presents limited probability of a contamination hazard to groundwater.

The other record is an active UST site located less than 0.25 miles to the north at the Four Seasons Market operated by the Walker River Paiute Tribe. Records show that the facility currently operates four fuel tanks (three gasoline and one diesel) that were installed between 1989 and 1992. Appendix E contains more information about both of the records discussed as well as additional environmental records that were searched.

Due to the age of the Babbit houses, there is a likely presence of hazardous asbestos and lead paint.

### 4.3. Soil Conditions

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 soil survey maps called SSURGO: or the Soil Survey Geographic Database Source: Department of Agriculture, Natural Resources Conservation Service (NRCS). 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 digitizes duplicates that come from original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

There are two soil classifications on and near the target site:

- Trocken – gravelly sandy loam, Class B hydrologic group: moderate infiltration rates with deep and moderately deep, moderately well and well drained soils with moderately coarse textures. The soil drainage class is listed as well drained and there is a high corrosion potential for untreated steel. The depth to the water table is greater than 0 inches and the minimum depth to the bedrock is greater than 0 inches.
- Unsel – very gravelly fine sandy loam, Class B hydrologic group: moderate infiltration rates with deep and moderately deep, moderately well and well drained soils with moderately coarse textures. The soil drainage class is listed as well drained and there is a high corrosion potential for untreated steel. The depth to the water table is greater than 0 inches and the minimum depth to the bedrock is greater than 0 inches.

### 4.4. Water Wells in the Project Area

A Nevada State Wells database was reviewed as part of this investigation. Currently, there is 1 state well within 0.5 miles of the subject site.

A PWS is any public 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. There are 0 PWS locations within 0.5 miles of the subject site.

USGS Water Sites are listed in the 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. There are 0 USGS Water sites within 0.5 miles of the target property.

There are numerous wells located within a 1-mile radius of the site, including 7 State Wells and 6 USGS Wells (Figure 23). Appendix D contains information on all the known wells in the study area. There are 21 total water wells located within 0.5 miles of the site with attendant information listed in Appendix D.

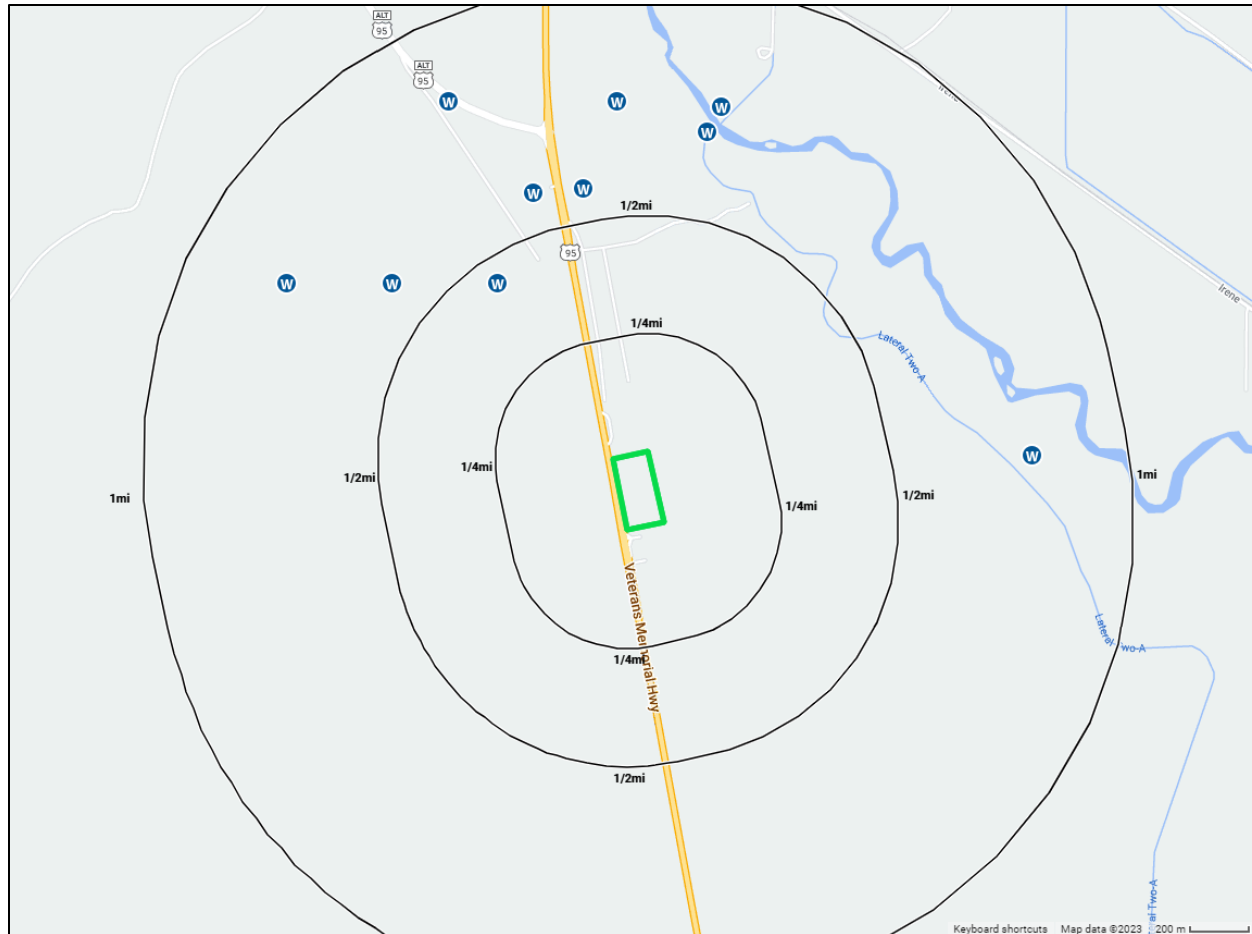


Figure 9. Wells within 1 mile of the subject site.

## 5. Findings and Conclusions

This Phase I Environmental Site Assessment (ESA) was performed in conformance with the American Society for Testing and Materials (ASTM) Practice version E1527-21 (“Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”). The subject site included two derelict structures on the Walker River Reservation known as the “Babbit houses”.

The purpose of the assessment was to identify recognized environmental conditions in connection with the subject property. Recognized environmental conditions are defined by ASTM E1527-21 as the likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing, past, or material threat of a release of hazardous substances or petroleum products into structures or into the ground or groundwater of the property. This report was prepared to constitute appropriate inquiry into the previous ownership/lessees and uses of the subject parcels consistent with good commercial and customary practice. The information was gathered using records that were reasonably available as per ASTM E1527-21 guidelines.

As part of the environmental site assessments for the subject parcels, adjacent parcels surrounding the project area were also considered in this study. Historical and regulatory records were reviewed

for these adjacent parcels and a visual reconnaissance was performed from the public right-of-way. In addition, regulatory review of properties within applicable minimum search distances as set forth in ASTM E1527-21 was used to identify any past or present regulatory concerns in these outlying areas.

RECs were noted for this property regarding the likely presence of materials containing asbestos and lead-based paints. Further investigation and testing are recommended for the subject site.

## **6. Certifications**

All the findings and conclusions presented in this report have been made based upon the information gathered by the Environmental Professional and the Environmental Data Resources report in conformance with the guidelines set forth in ASTM designation E1527-21. We hereby certify that we are responsible for the services described in this document and for its preparation. The services described in this document have been provided in a manner consistent with the standards of the profession and to the best of our knowledge comply with all applicable federal, state and local statutes, regulations and ordinances. We declare that, to the best of our professional knowledge and belief we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR § 312” and 12.13.2. Appendix F contains curriculum vitae summarizing experience as required in E1527-21. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

**7. Appendices**

**Appendix A: Sanborn Fire Insurance Maps**

Walker River Babbit Houses

U.S 95

Schurz, NV 89427

Inquiry Number: 7439897.3

September 08, 2023

## 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

09/08/23

**Site Name:**

Walker River Babbit Houses  
U.S 95  
Schurz, NV 89427  
EDR Inquiry # 7439897.3

**Client Name:**

McGinnis and Associates LLC  
65 Regency Way Suite C  
RENO, NV 89509  
Contact: Loren Secor



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by McGinnis and Associates LLC 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 #** D6A8-4682-A61C  
**PO #** NA  
**Project** Walker River Babbit Houses

### 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 #: D6A8-4682-A61C

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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**Appendix B: Aerial Photographs, and Topographic Maps**



**Walker River Babbit Houses**

U.S 95

Schurz, NV 89427

Inquiry Number: 7439897.8

September 11, 2023

# 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

09/11/23

**Site Name:**

Walker River Babbit Houses  
U.S 95  
Schurz, NV 89427  
EDR Inquiry # 7439897.8

**Client Name:**

McGinnis and Associates LLC  
65 Regency Way Suite C  
RENO, NV 89509  
Contact: Loren Secor



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>
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: May 09, 1990	USGS
1980	1"=500'	Flight Date: July 15, 1980	USGS
1979	1"=500'	Flight Date: July 01, 1979	USGS
1974	1"=500'	Flight Date: July 04, 1974	USGS
1962	1"=500'	Flight Date: October 29, 1962	USGS
1957	1"=500'	Flight Date: June 27, 1957	USGS
1954	1"=500'	Flight Date: August 06, 1954	USGS
1948	1"=500'	Flight Date: June 15, 1948	USGS

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INQUIRY #: 7439897.8

YEAR: 2019

 = 500'





INQUIRY #: 7439897.8

YEAR: 2015

 = 500'





INQUIRY #: 7439897.8

YEAR: 2010

— = 500'





INQUIRY #: 7439897.8

YEAR: 2006

 = 500'







INQUIRY #: 7439897.8

YEAR: 1994

 = 500'



INQUIRY #: 7439897.8

YEAR: 1990

\_\_\_\_\_ = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7439897.8

YEAR: 1980

 = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7439897.8

YEAR: 1979

— = 500'





INQUIRY #: 7439897.8

YEAR: 1974

————— = 500'





INQUIRY #: 7439897.8

YEAR: 1962

— = 500'





INQUIRY #: 7439897.8

YEAR: 1957

 = 500'





INQUIRY #: 7439897.8

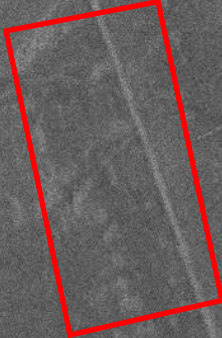
YEAR: 1954

 = 500'





11175-5



INQUIRY #: 7439897.8

YEAR: 1948

— = 500'



Walker River Babbit Houses

U.S 95

Schurz, NV 89427

Inquiry Number: 7439897.4

September 08, 2023

# EDR Historical Topo Map Report

with QuadMatch™



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Shelton, CT 06484  
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# EDR Historical Topo Map Report

09/08/23

**Site Name:**

Walker River Babbit Houses  
U.S 95  
Schurz, NV 89427  
EDR Inquiry # 7439897.4

**Client Name:**

McGinnis and Associates LLC  
65 Regency Way Suite C  
RENO, NV 89509  
Contact: Loren Secor



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by McGinnis and Associates LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:**

**Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	38.929438 38° 55' 46" North
<b>Project:</b>	Walker River Babbit Houses	<b>Longitude:</b>	-118.806861 -118° 48' 25" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	343379.94
		<b>UTM Y Meters:</b>	4310498.36
		<b>Elevation:</b>	4209.03' above sea level

**Maps Provided:**

- 2018
- 2015
- 1988
- 1964

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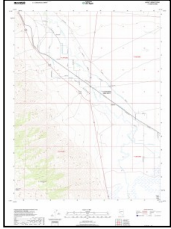
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## **Topo Sheet Key**

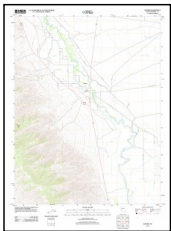
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2018 Source Sheets**



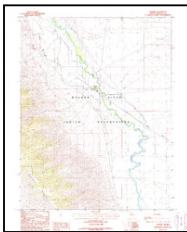
Schurz  
2018  
7.5-minute, 24000

### **2015 Source Sheets**



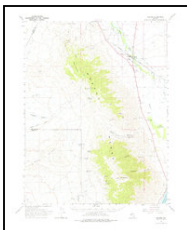
Schurz  
2015  
7.5-minute, 24000

### **1988 Source Sheets**

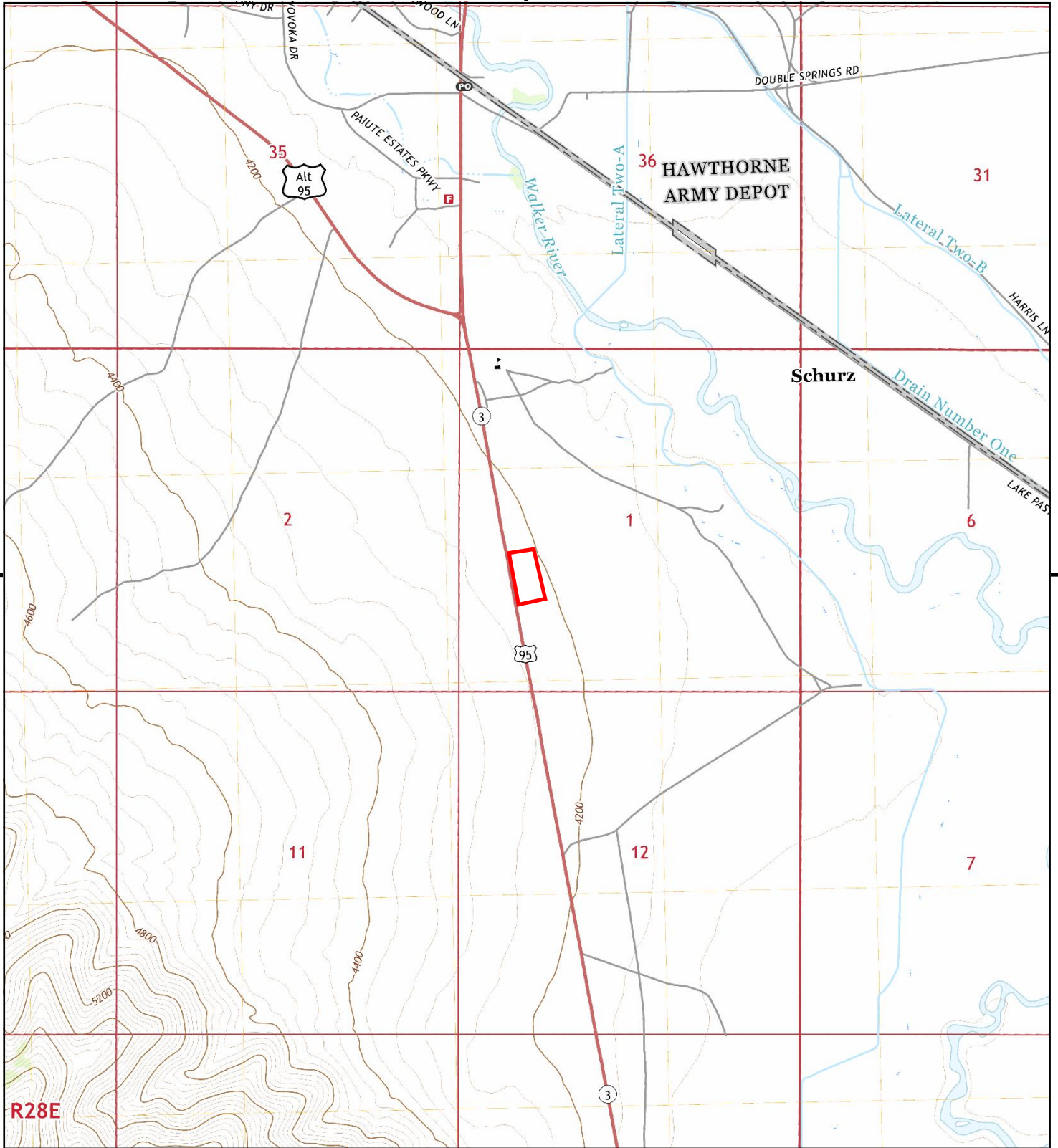


Schurz  
1988  
7.5-minute, 24000  
Aerial Photo Revised 1982

### **1964 Source Sheets**



Schurz  
1964  
15-minute, 62500  
Aerial Photo Revised 1962



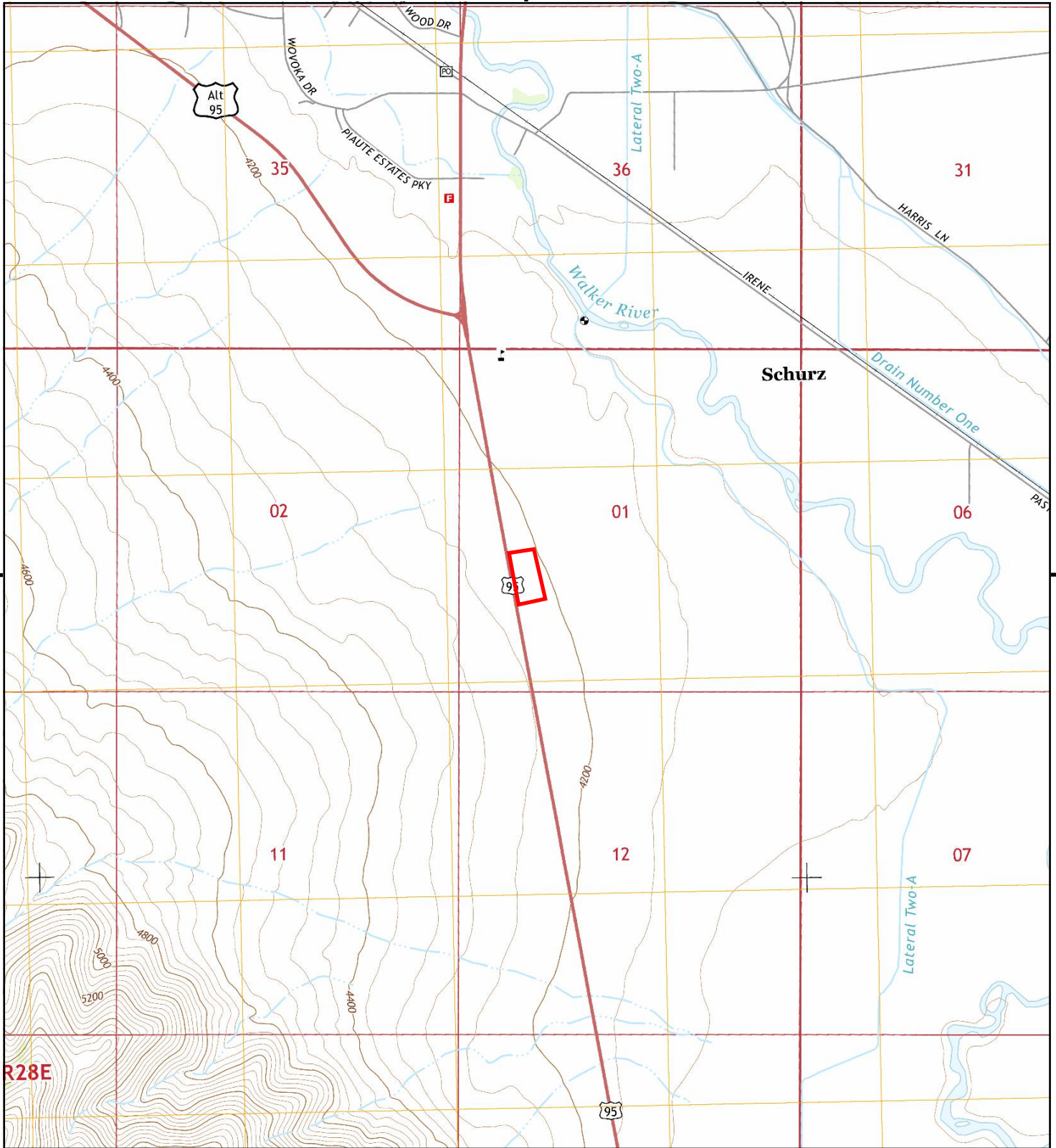
This report includes information from the following map sheet(s).



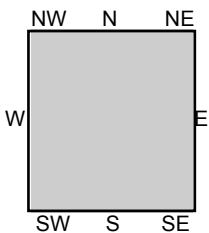
TP, Schurz, 2018, 7.5-minute

**SITE NAME:** Walker River Babbit Houses  
**ADDRESS:** U.S 95  
 Schurz, NV 89427  
**CLIENT:** McGinnis and Associates LLC





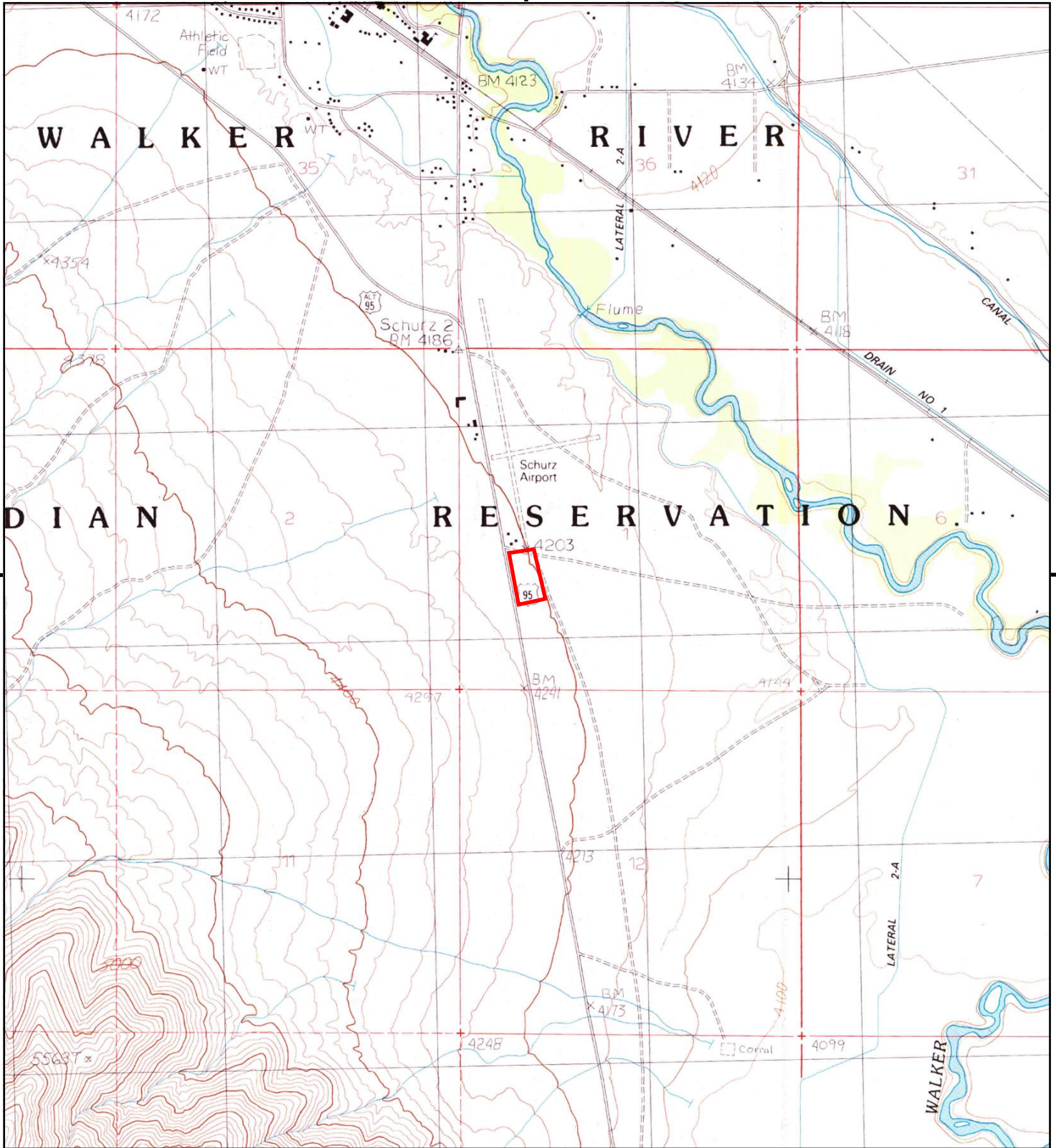
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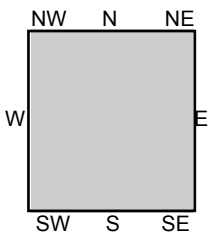
TP, Schurz, 2015, 7.5-minute

**SITE NAME:** Walker River Babbit Houses  
**ADDRESS:** U.S 95  
 Schurz, NV 89427  
**CLIENT:** McGinnis and Associates LLC





This report includes information from the following map sheet(s).



TP, Schurz, 1988, 7.5-minute

**SITE NAME:** Walker River Babbit Houses  
**ADDRESS:** U.S 95  
 Schurz, NV 89427  
**CLIENT:** McGinnis and Associates LLC







**Appendix C: List of Nearby Wells**

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	31 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 8.5

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000761294	1/2 - 1 Mile North
3	USGS40000761295	1/2 - 1 Mile NNW
A5	USGS40000761305	1/2 - 1 Mile North
6	USGS40000761315	1/2 - 1 Mile North
A7	USGS40000761310	1/2 - 1 Mile NNE
A8	USGS40000761311	1/2 - 1 Mile NNE

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

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

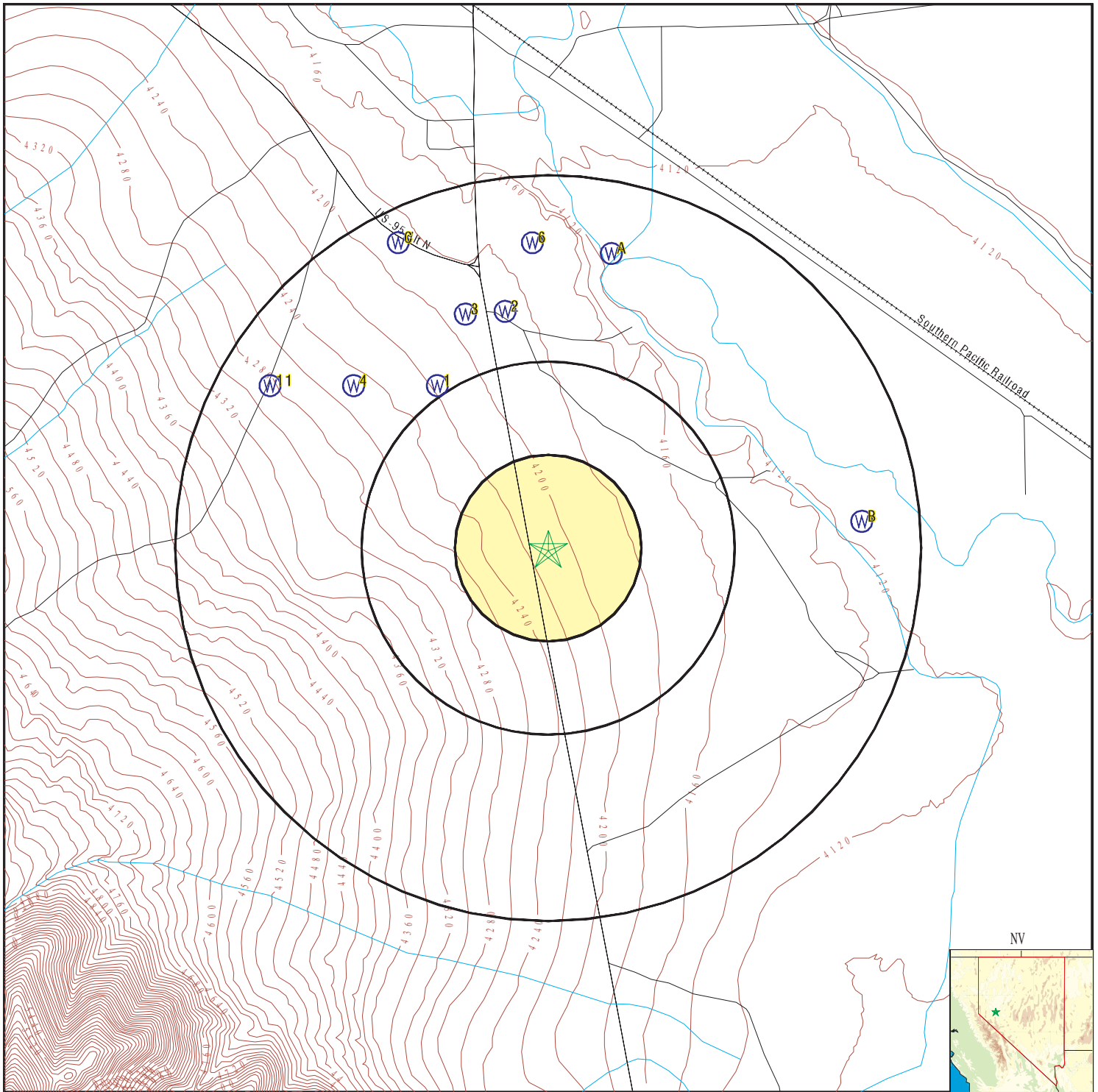
Note: PWS System location is not always the same as well location.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NV8000000035977	1/2 - 1 Mile NW
4	NV8000000068356	1/2 - 1 Mile NW
B9	NV8000000013257	1/2 - 1 Mile East
B10	NV8000000013258	1/2 - 1 Mile East
11	NV8000000006345	1/2 - 1 Mile WNW
C12	NV8000000007129	1/2 - 1 Mile NNW
C13	NV8000000008244	1/2 - 1 Mile NNW

# PHYSICAL SETTING SOURCE MAP - 7439897.2s



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

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Walker River Babbit Houses  
 ADDRESS: U.S 95  
 Schurz NV 89427  
 LAT/LONG: 38.929438 / 118.806861

CLIENT: McGinnis and Associates LLC  
 CONTACT: Loren Secor  
 INQUIRY #: 7439897.2s  
 DATE: September 08, 2023 6:06 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**NV WELLS      NV8000000035977**

**WELLS:**

Log #:	37804	Application #:	Not Reported
Notice of Intent:	18724	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Public Supply (Municipal)	Drill Method:	Reverse Rotary
Current Owner:	WALKER PIUTE RESERVATION	Parcel #:	Not Reported
Subdivision Name:	Not Reported	Completion Date:	15-DEC-91
Gravel Packed:	Y	Seal Depth (ft):	50
Depth Drilled (ft):	240	Depth to Bedrock (ft):	Not Reported
Aquifer:	Not Reported	Casing Depth (ft):	240
Casing Diameter (in):	10	Casing Reduction:	0
Perforation From (ft):	90	Perforation to (ft):	240
Perforation Interval:	1	Static Water Level (ft):	120
Temperature:	Not Reported	Yield:	100
Drawdown:	Not Reported	Hours Pumped:	3.5
Test Method:	Air Lift	Quality of Construction Data:	Fair
Quality of Lithologic data:	Fair	Drilling Contractor:	HUMBOLDT DRILLING & PUMP CO
Driller License #:	795	Source Agency:	NV003
Well Drilling Begun:	Not Reported	Gravel Pack Top (ft):	0
Gravel Pack Bottom (ft):	0		
Remarks:	PROP USE=MUNICIPAL/INDUSTRIAL		
Addtl Remarks:	Not Reported		
Image URL:	images.water.nv.gov/images/well_logs/37000/37804.pdf		

**2**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000761294**

Organization ID:	USGS-NV	Organization Name:	USGS Nevada Water Science Center
Monitor Location:	110A N12 E28 01BBBA1    SES		
Type:	Well	Description:	Not Reported
HUC:	16050303	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19971218	Well Depth:	264
Well Depth Units:	ft	Well Hole Depth:	264
Well Hole Depth Units:	ft		

**3**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000761295**

Organization ID:	USGS-NV	Organization Name:	USGS Nevada Water Science Center
Monitor Location:	110A N12 E28 02AA 1	Type:	Well
Description:	Not Reported	HUC:	16050303
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**4  
NW  
1/2 - 1 Mile  
Higher**

**NV WELLS      NV8000000068356**

**WELLS:**

Log #:	70396	Application #:	63563
Notice of Intent:	38439	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Public Supply (Municipal)	Drill Method:	Hydraulic Rotary-Mud
Current Owner:	MINERAL COUNTY SCHOOL DISTRICT		
Parcel #:	Not Reported	Subdivision Name:	Not Reported
Completion Date:	23-DEC-97	Gravel Packed:	Y
Seal Depth (ft):	101	Depth Drilled (ft):	264
Depth to Bedrock (ft):	Not Reported	Aquifer:	Not Reported
Casing Depth (ft):	264	Casing Diameter (in):	8.62
Casing Reduction:	0	Perforation From (ft):	214
Perforation to (ft):	244	Perforation Interval:	1
Static Water Level (ft):	80	Temperature:	Not Reported
Yield:	50	Drawdown:	Not Reported
Hours Pumped:	2	Test Method:	Air Lift
Quality of Construction Data:	Good	Quality of Lithologic data:	Good
Drilling Contractor:	AQUA DRILLING & WELL SERVICE		
Driller License #:	1981	Source Agency:	NV003
Well Drilling Begun:	18-DEC-97	Gravel Pack Top (ft):	101
Gravel Pack Bottom (ft):	264		
Remarks:	OTHER LOC=ACROSS FROM ROAD RUNNER MOTEL		
Addtl Remarks:	Not Reported		
Image URL:	<a href="http://images.water.nv.gov/images/well_logs/70000/70396.pdf">images.water.nv.gov/images/well_logs/70000/70396.pdf</a>		

**A5  
North  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000761305**

Organization ID:	USGS-NV	Organization Name:	USGS Nevada Water Science Center
Monitor Location:	110A N13 E28 36CDCA1 LATERAL 2A RB	Description:	Not Reported
Type:	Well	Drainage Area:	Not Reported
HUC:	16050303	Contrib Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Contrib Drainage Area Unts:	Not Reported	Aquifer Type:	Unconfined single aquifer
Formation Type:	Not Reported	Well Depth:	29
Construction Date:	20050120	Well Hole Depth:	30
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**6**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000761315**

Organization ID:	USGS-NV	Organization Name:	USGS Nevada Water Science Center
Monitor Location:	110A N12 E28 02A 1	Type:	Well
Description:	Not Reported	HUC:	16050303
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	252	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1963-04-10
Feet below surface:	105.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**A7**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000761310**

Organization ID:	USGS-NV	Organization Name:	USGS Nevada Water Science Center
Monitor Location:	110B N13 E28 36CDAC1 LATERAL 2A LB US S	Description:	Not Reported
Type:	Well	Drainage Area:	Not Reported
HUC:	16050303	Contrib Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Contrib Drainage Area Unts:	Not Reported	Aquifer Type:	Unconfined single aquifer
Formation Type:	Not Reported	Well Depth:	19
Construction Date:	20050118	Well Hole Depth:	20
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

**A8**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000761311**

Organization ID:	USGS-NV	Organization Name:	USGS Nevada Water Science Center
Monitor Location:	110B N13 E28 36CDAC2 LATERAL 2A LB DS D	Description:	Not Reported
Type:	Well	Drainage Area:	Not Reported
HUC:	16050303	Contrib Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Contrib Drainage Area Unts:	Not Reported	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	50
Construction Date:	20050119	Well Hole Depth:	50
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**B9**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**NV WELLS      NV8000000013257**

**WELLS:**

Log #:	14419	Application #:	Not Reported
Notice of Intent:	0	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Domestic	Drill Method:	Hydraulic Rotary-Mud
Current Owner:	SAM, CLYDE	Parcel #:	Not Reported
Subdivision Name:	Not Reported	Completion Date:	05-SEP-74
Gravel Packed:	N	Seal Depth (ft):	25
Depth Drilled (ft):	56	Depth to Bedrock (ft):	Not Reported
Aquifer:	Not Reported	Casing Depth (ft):	Not Reported
Casing Diameter (in):	6	Casing Reduction:	0
Perforation From (ft):	56	Perforation to (ft):	56
Perforation Interval:	1	Static Water Level (ft):	18
Temperature:	Not Reported	Yield:	10
Drawdown:	1	Hours Pumped:	6
Test Method:	Piston Pump	Quality of Construction Data:	Good
Quality of Lithologic data:	Good	Drilling Contractor:	ALLEN DRILLING CO
Driller License #:	671	Source Agency:	NV003
Well Drilling Begun:	04-SEP-74	Gravel Pack Top (ft):	Not Reported
Gravel Pack Bottom (ft):	Not Reported		
Remarks:	Not Reported		
Addtl Remarks:	Not Reported		
Image URL:	images.water.nv.gov/images/well_logs/14000/14419.pdf		

**B10**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**NV WELLS      NV8000000013258**

**WELLS:**

Log #:	14420	Application #:	Not Reported
Notice of Intent:	0	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Domestic	Drill Method:	Hydraulic Rotary-Mud
Current Owner:	ALLEN, ANDREW	Parcel #:	Not Reported
Subdivision Name:	Not Reported	Completion Date:	02-SEP-74
Gravel Packed:	N	Seal Depth (ft):	25
Depth Drilled (ft):	110	Depth to Bedrock (ft):	Not Reported
Aquifer:	Not Reported	Casing Depth (ft):	Not Reported
Casing Diameter (in):	6	Casing Reduction:	0
Perforation From (ft):	53	Perforation to (ft):	56
Perforation Interval:	1	Static Water Level (ft):	60
Temperature:	Not Reported	Yield:	10
Drawdown:	2	Hours Pumped:	8
Test Method:	Not Reported	Quality of Construction Data:	Good
Quality of Lithologic data:	Good	Drilling Contractor:	ALLEN DRILLING CO
Driller License #:	671	Source Agency:	NV003
Well Drilling Begun:	31-AUG-74	Gravel Pack Top (ft):	Not Reported
Gravel Pack Bottom (ft):	Not Reported		
Remarks:	Not Reported		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addtl Remarks: Not Reported  
 Image URL: [images.water.nv.gov/images/well\\_logs/14000/14420.pdf](http://images.water.nv.gov/images/well_logs/14000/14420.pdf)

**11**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**NV WELLS      NV800000006345**

**WELLS:**

Log #:	7113	Application #:	Not Reported
Notice of Intent:	0	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Domestic	Drill Method:	Cable Tool
Current Owner:	CLINE, CURTICE	Parcel #:	Not Reported
Subdivision Name:	Not Reported	Completion Date:	10-APR-63
Gravel Packed:	Not Reported	Seal Depth (ft):	Not Reported
Depth Drilled (ft):	252	Depth to Bedrock (ft):	Not Reported
Aquifer:	Not Reported	Casing Depth (ft):	252
Casing Diameter (in):	10.75	Casing Reduction:	0
Perforation From (ft):	235	Perforation to (ft):	245
Perforation Interval:	1	Static Water Level (ft):	105
Temperature:	Not Reported	Yield:	40
Drawdown:	0	Hours Pumped:	Not Reported
Test Method:	Bucket	Quality of Construction Data:	Good
Quality of Lithologic data:	Good	Drilling Contractor:	CC DAVIDISON
Driller License #:	5924	Source Agency:	NV003
Well Drilling Begun:	20-MAR-63	Gravel Pack Top (ft):	Not Reported
Gravel Pack Bottom (ft):	Not Reported		
Remarks:	Not Reported		
Addtl Remarks:	Not Reported		
Image URL:	<a href="http://images.water.nv.gov/images/well_logs/07000/7113.pdf">images.water.nv.gov/images/well_logs/07000/7113.pdf</a>		

**C12**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**NV WELLS      NV800000007129**

**WELLS:**

Log #:	7964	Application #:	Not Reported
Notice of Intent:	0	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Domestic	Drill Method:	Hydraulic Rotary-Mud
Current Owner:	KITCHIN, DONALD M	Parcel #:	Not Reported
Subdivision Name:	Not Reported	Completion Date:	05-JUN-64
Gravel Packed:	Not Reported	Seal Depth (ft):	Not Reported
Depth Drilled (ft):	38	Depth to Bedrock (ft):	Not Reported
Aquifer:	Not Reported	Casing Depth (ft):	38
Casing Diameter (in):	6	Casing Reduction:	0
Perforation From (ft):	28	Perforation to (ft):	38
Perforation Interval:	1	Static Water Level (ft):	10
Temperature:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Hours Pumped:	Not Reported
Test Method:	Not Reported	Quality of Construction Data:	Good
Quality of Lithologic data:	Good	Drilling Contractor:	Not Reported
Driller License #:	272	Source Agency:	NV003
Well Drilling Begun:	04-JUN-64	Gravel Pack Top (ft):	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Gravel Pack Bottom (ft): Not Reported  
 Remarks: Not Reported  
 Addtl Remarks: Not Reported  
 Image URL: [images.water.nv.gov/images/well\\_logs/07000/7964.pdf](http://images.water.nv.gov/images/well_logs/07000/7964.pdf)

**C13**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**NV WELLS      NV8000000008244**

**WELLS:**

Log #:	9170	Application #:	Not Reported
Notice of Intent:	0	Waiver #:	Not Reported
Site Type:	New	Work Type:	New
Work Remarks:	Not Reported		
Proposed Use:	Domestic	Drill Method:	Hydraulic Rotary-Mud
Current Owner:	OLIVER, W.A. & OPAL L.	Parcel #:	Not Reported
Subdivision Name:	Not Reported	Completion Date:	30-AUG-66
Gravel Packed:	Not Reported	Seal Depth (ft):	Not Reported
Depth Drilled (ft):	70	Depth to Bedrock (ft):	Not Reported
Aquifer:	Not Reported	Casing Depth (ft):	70
Casing Diameter (in):	6.62	Casing Reduction:	0
Perforation From (ft):	57	Perforation to (ft):	70
Perforation Interval:	1	Static Water Level (ft):	13
Temperature:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Hours Pumped:	Not Reported
Test Method:	Not Reported	Quality of Construction Data:	Good
Quality of Lithologic data:	Good	Drilling Contractor:	Not Reported
Driller License #:	272	Source Agency:	NV003
Well Drilling Begun:	28-AUG-66	Gravel Pack Top (ft):	Not Reported
Gravel Pack Bottom (ft):	Not Reported		
Remarks:	Not Reported		
Addtl Remarks:	Not Reported		
Image URL:	<a href="http://images.water.nv.gov/images/well_logs/09000/9170.pdf">images.water.nv.gov/images/well_logs/09000/9170.pdf</a>		

**Appendix D: EDR Summary Radius Report**

**Walker River Babbit Houses**

U.S 95

Schurz, NV 89427

Inquiry Number: 7439897.2s

September 08, 2023

**The EDR Radius Map™ Report with GeoCheck®**



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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

U.S 95  
SCHURZ, NV 89427

#### COORDINATES

Latitude (North): 38.9294380 - 38° 55' 45.97"  
Longitude (West): 118.8068610 - 118° 48' 24.69"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 343375.9  
UTM Y (Meters): 4310290.5  
Elevation: 4209 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 11954609 SCHURZ, NV  
Version Date: 2018

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190901, 20190824  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
U.S 95  
SCHURZ, NV 89427

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">Reg</a>	WALKER RIVER RESERVA		INDIAN RESERV	Same	1 ft.
1	BLACK MOUNTAIN TRUCK	US 95 S. OF JCT US 9	INDIAN UST	Higher	342, 0.065, SSE
2	FOUR SEASONS MARKET	S.R. 95 S. OF JCT. 9	INDIAN UST	Higher	1019, 0.193, NW

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

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

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Lists of Federal NPL (Superfund) sites***

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

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

### ***Lists of Federal RCRA TSD facilities***

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

### ***Lists of Federal RCRA generators***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System



## EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***Lists of state- and tribal hazardous waste facilities***

SHWS..... Sites Database

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF..... Landfill List

### ***Lists of state and tribal leaking storage tanks***

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

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing  
UST..... Underground Storage Tank List  
AST..... Aboveground Storage Tank List

### ***Lists of state and tribal voluntary cleanup sites***

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

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Project Tracking Database

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

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

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

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

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
US CDL..... National Clandestine Laboratory Register

#### ***Local Land Records***

LIENS 2..... CERCLA Lien Information

## EXECUTIVE SUMMARY

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites  
ECHO..... Enforcement & Compliance History Information  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
PFAS NPL..... Superfund Sites with PFAS Detections Information  
PFAS FEDERAL SITES..... Federal Sites PFAS Information  
PFAS TSCA..... PFAS Manufacture and Imports Information  
PFAS RCRA MANIFEST..... PFAS Transfers Identified In the RCRA Database Listing  
PFAS ATSDR..... PFAS Contamination Site Location Listing  
PFAS WQP..... Ambient Environmental Sampling for PFAS  
PFAS NPDES..... Clean Water Act Discharge Monitoring Information  
PFAS ECHO..... Facilities in Industries that May Be Handling PFAS Listing  
PFAS ECHO FIRE TRAINING..... Facilities in Industries that May Be Handling PFAS Listing  
PFAS PART 139 AIRPORT... All Certified Part 139 Airports PFAS Information Listing  
AQUEOUS FOAM NRC..... Aqueous Foam Related Incidents Listing

## EXECUTIVE SUMMARY

AIRS.....	Permitted Airs Facility Listing
COAL ASH.....	Coal Ash Disposal Sites
Financial Assurance.....	Financial Assurance Information Listing
HMRI.....	Hazardous Materials Repository Information Data
NPDES.....	Permitted Facility Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### 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

#### ***Lists of state and tribal registered storage tanks***

INDIAN UST: A listing of underground storage tank locations on Indian Land.

A review of the INDIAN UST list, as provided by EDR, has revealed that there are 2 INDIAN 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>
BLACK MOUNTAIN TRUCK Database: INDIAN UST R9, Date of Government Version: 04/19/2023	US 95 S. OF JCT US 9	SSE 0 - 1/8 (0.065 mi.)	1	8

## EXECUTIVE SUMMARY

Alternate Facility ID: WALK002  
Tank Status: Temporarily Out of Use

FOUR SEASONS MARKET                      S.R. 95 S. OF JCT. 9                      NW 1/8 - 1/4 (0.193 mi.)                      2                      8  
Database: INDIAN UST R9, Date of Government Version: 04/19/2023  
Alternate Facility ID: WALK003  
Tank Status: Currently in Use

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

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

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

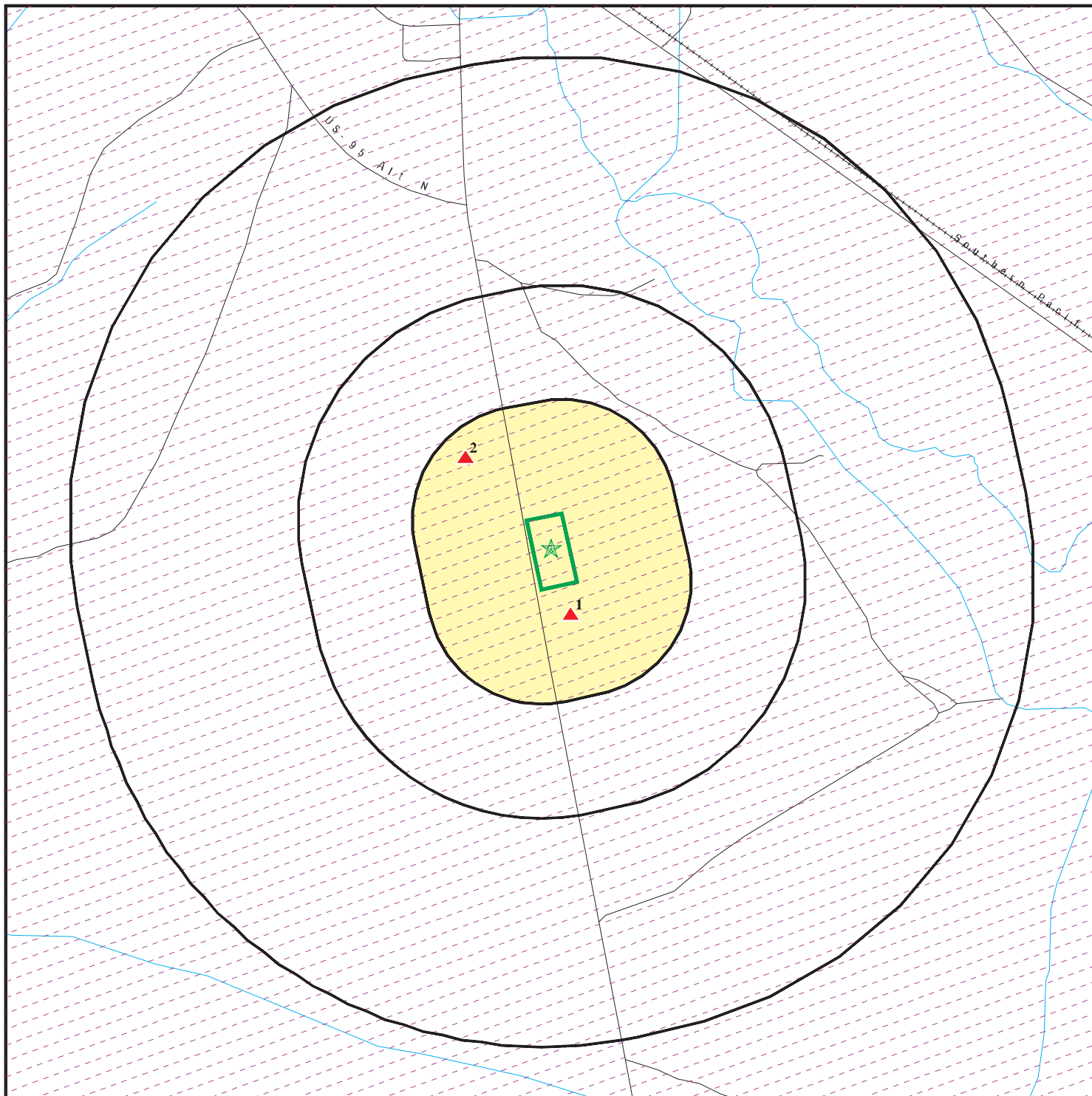
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALKER RIVER RESERVA		0 - 1/8 (0.000 mi.)	0	8







## EXECUTIVE SUMMARY




Due to poor or inadequate address information, the following sites were not mapped. Count: 17 records.

<u>Site Name</u>	<u>Database(s)</u>
SOUTHERN PACIFIC TRANSPORTATION CO	SHWS
J.H. SIMS TRUCKING COMPANY	SHWS
NEVADA DEPARTMENT OF TRANSPORTATIO	SHWS
NEVADA DEPARTMENT OF TRANSPORTATIO	SHWS
HIGHWAY RENTALS	SHWS
BUFFALO STOP	SHWS
NEVADA DEPARTMENT OF TRANSPORTATIO	SHWS
HAWTHORNE ARMY DEPOT	SHWS
SOUTHERN PACIFIC TRANSPORTATION CO	SHWS
CANDALERIA MINE	SHWS
BIG BLUE TRUCKING MOBILE SPILL	SHWS
NEVADA DEPARTMENT OF TRANSPORTATIO	SHWS
MATHESON TRUCKING MOBILE SOURCE	SHWS
MON VAN MOVING SERVICES	SHWS
C.A.T. INC.	SHWS
LANDSTAR RANGER	SHWS
WALKER RIVER PAIUTE TRIBE	EDR Hist Auto

# OVERVIEW MAP - 7439897.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard

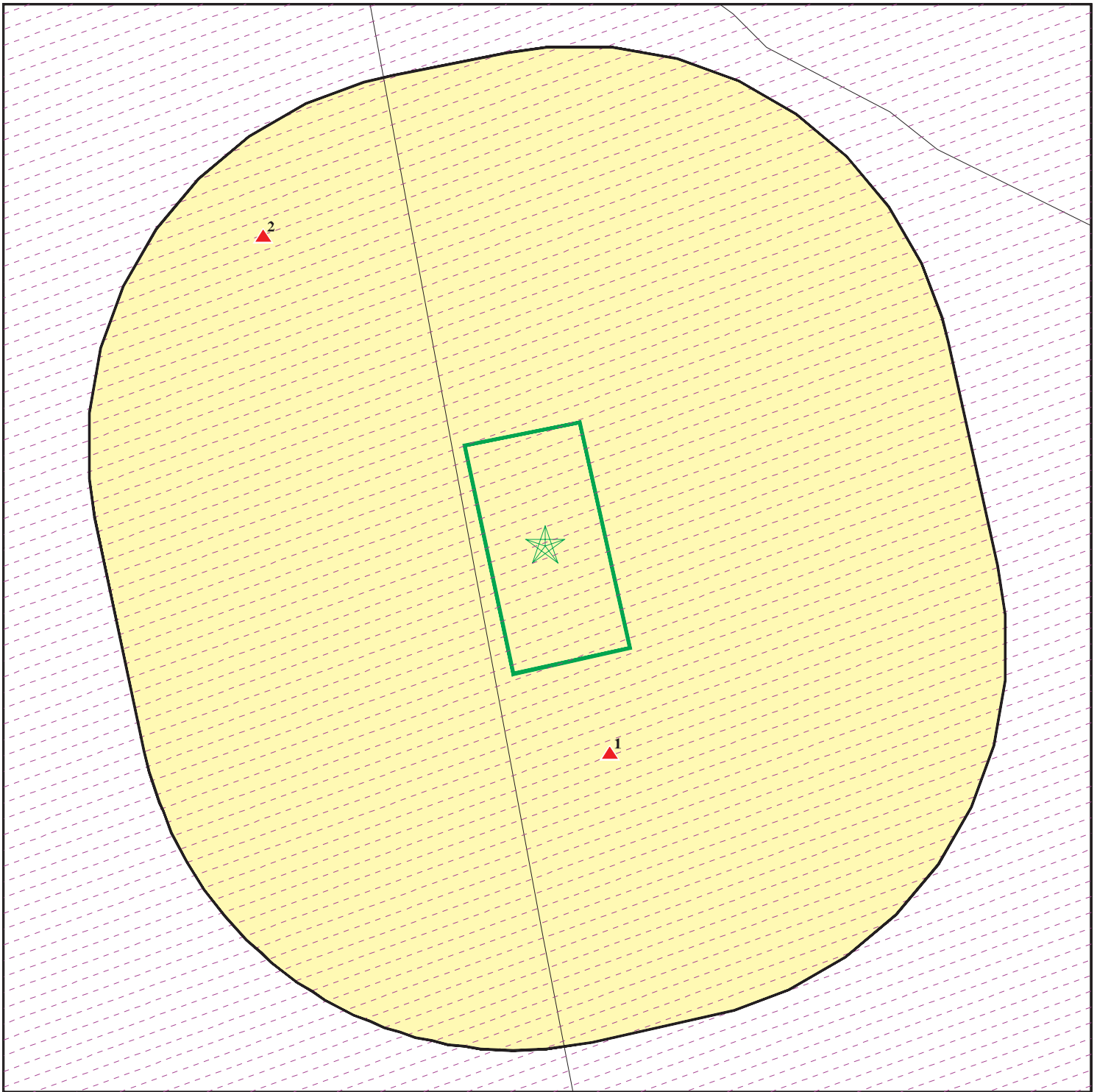









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Walker River Babbit Houses  
 ADDRESS: U.S 95  
 Schurz NV 89427  
 LAT/LONG: 38.929438 / 118.806861




CLIENT: McGinnis and Associates LLC  
 CONTACT: Loren Secor  
 INQUIRY #: 7439897.2s  
 DATE: September 08, 2023 6:05 pm

# DETAIL MAP - 7439897.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard



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: Walker River Babbit Houses  
 ADDRESS: U.S 95  
 Schurz NV 89427  
 LAT/LONG: 38.929438 / 118.806861

CLIENT: McGinnis and Associates LLC  
 CONTACT: Loren Secor  
 INQUIRY #: 7439897.2s  
 DATE: September 08, 2023 6:06 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><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	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 CONTROLS	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>Lists of state- and tribal hazardous waste facilities</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	0	0	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		1	1	NR	NR	NR	2
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></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

## 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
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
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	1.000		1	0	0	0	NR	1
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
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HMRI	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	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
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## 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
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	2	1	0	0	0	3

**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

**IND RES**     **WALKER RIVER RESERVATION**

**INDIAN RESERV**     **CIND200443**  
 N/A

< 1/8  
 1 ft.

, NV

INDIAN RESERV:  
 Feature:                     Indian Reservation  
 Name:                         Walker River Reservation  
 Agency:                      BIA

**1**             **BLACK MOUNTAIN TRUCK STOP**  
**SSE**         **US 95 S. OF JCT US 95A**  
 < 1/8         **SCHURZ, NV 89427**  
 0.065 mi.  
 342 ft.

**INDIAN UST**     **1012054155**  
 N/A

**Relative:**  
**Higher**

Indian UST:  
 Region:                         9  
 Alternate Facility ID:         WALK002  
 Facility Name2:                BLACK MOUNTAIN TRUCK STOP  
 Tank ID:                         TANK 1  
 Tank Status:                    Temporarily Out of Use  
 Status Date:                    29-Apr-92  
 Substance Description:        Diesel  
 Tribe:                            Walker River Paiute Tribe of the Walker River Rese  
 Name:                             BLACK MOUNTAIN TRUCK STOP  
 Address:                         US 95 S. OF JCT US 95A  
 City,State,Zip:                 SCHURZ, NV 89427  
 Facility County:                 Not reported  
 Facility Telephone:             (702) 773-2051  
 Overfill installed:              False  
 Spill installed:                 False  
 Date installed:                 1992-04-01 00:00:00  
 Federally Regulated Tank:    True  
 Land Status:                    Indian Land  
 Tank Capacity:                 30000  
 Latitude:                         38.927426  
 Longitude:                       -118.806064

**2**             **FOUR SEASONS MARKET**  
**NW**         **S.R. 95 S. OF JCT. 95A**  
 1/8-1/4       **SCHURZ, NV 89427**  
 0.193 mi.  
 1019 ft.

**INDIAN UST**     **1009393560**  
 N/A

**Relative:**  
**Higher**

Indian UST:  
 Region:                         9  
 Alternate Facility ID:         WALK003  
 Facility Name2:                FOUR SEASONS MARKET  
 Tank ID:                         TANK 1  
 Tank Status:                    Currently in Use  
 Status Date:                    Not reported  
 Substance Description:        Gasoline (containing <=10% ethanol)  
 Tribe:                            Walker River Paiute Tribe of the Walker River Rese  
 Name:                             FOUR SEASONS MARKET  
 Address:                         S.R. 95 S. OF JCT. 95A  
 City,State,Zip:                 SCHURZ, NV 89427

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOUR SEASONS MARKET (Continued)**

**1009393560**

Facility County:	Not reported
Facility Telephone:	(702) 773-2586
Overfill installed:	True
Spill installed:	True
Date installed:	1989-02-15 00:00:00
Federally Regulated Tank:	True
Land Status:	Indian Land
Tank Capacity:	10000
Latitude:	38.93137
Longitude:	-118.80763
Region:	9
Alternate Facility ID:	WALK003
Facility Name2:	FOUR SEASONS MARKET
Tank ID:	TANK 4
Tank Status:	Currently in Use
Status Date:	Not reported
Substance Description:	Diesel
Tribe:	Walker River Paiute Tribe of the Walker River Rese
Name:	FOUR SEASONS MARKET
Address:	S.R. 95 S. OF JCT. 95A
City,State,Zip:	SCHURZ, NV 89427
Facility County:	Not reported
Facility Telephone:	(702) 773-2586
Overfill installed:	True
Spill installed:	True
Date installed:	1992-01-01 00:00:00
Federally Regulated Tank:	True
Land Status:	Indian Land
Tank Capacity:	3000
Latitude:	38.93137
Longitude:	-118.80763
Region:	9
Alternate Facility ID:	WALK003
Facility Name2:	FOUR SEASONS MARKET
Tank ID:	TANK 3
Tank Status:	Currently in Use
Status Date:	Not reported
Substance Description:	Gasoline (containing <=10% ethanol)
Tribe:	Walker River Paiute Tribe of the Walker River Rese
Name:	FOUR SEASONS MARKET
Address:	S.R. 95 S. OF JCT. 95A
City,State,Zip:	SCHURZ, NV 89427
Facility County:	Not reported
Facility Telephone:	(702) 773-2586
Overfill installed:	True
Spill installed:	True
Date installed:	1992-01-01 00:00:00
Federally Regulated Tank:	True
Land Status:	Indian Land
Tank Capacity:	7600
Latitude:	38.93137
Longitude:	-118.80763
Region:	9
Alternate Facility ID:	WALK003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOUR SEASONS MARKET (Continued)**

**1009393560**

Facility Name2:	FOUR SEASONS MARKET
Tank ID:	TANK 2
Tank Status:	Currently in Use
Status Date:	Not reported
Substance Description:	Gasoline (containing <=10% ethanol)
Tribe:	Walker River Paiute Tribe of the Walker River Rese
Name:	FOUR SEASONS MARKET
Address:	S.R. 95 S. OF JCT. 95A
City,State,Zip:	SCHURZ, NV 89427
Facility County:	Not reported
Facility Telephone:	(702) 773-2586
Overfill installed:	True
Spill installed:	True
Date installed:	1989-02-15 00:00:00
Federally Regulated Tank:	True
Land Status:	Indian Land
Tank Capacity:	10000
Latitude:	38.93137
Longitude:	-118.80763

Count: 17 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MINERAL COUNTY	S103876265	SOUTHERN PACIFIC TRANSPORTATION CO	U.S. HIGHWAY 95		SHWS
MINERAL COUNTY	S104736153	J.H. SIMS TRUCKING COMPANY	U.S. HIGHWAY 95 NEAR HAWTHORNE		SHWS
MINERAL COUNTY	S103876260	NEVADA DEPARTMENT OF TRANSPORTATIO	U.S. HIGHWAY 95		SHWS
MINERAL COUNTY	S106878419	NEVADA DEPARTMENT OF TRANSPORTATIO	U.S. HIGHWAY 95		SHWS
MINERAL COUNTY	S109521863	HIGHWAY RENTALS	U.S. HIGHWAY 95 (8 MILES SOUTH		SHWS
MINERAL COUNTY	S108250033	BUFFALO STOP	U.S. HIGHWAY 95 NEAR WALKER LA		SHWS
MINERAL COUNTY	S104179016	NEVADA DEPARTMENT OF TRANSPORTATIO	U.S. HIGHWAY 95 FS-8.37		SHWS
MINERAL COUNTY	S118153842	HAWTHORNE ARMY DEPOT	U.S. HIGHWAY 95 (10 MILES SOUT		SHWS
MINERAL COUNTY	S104179017	SOUTHERN PACIFIC TRANSPORTATION CO	U.S. HIGHWAY 95 AND SP TRACKS		SHWS
MINERAL COUNTY	S103877718	CANDALERIA MINE	U.S. HIGHWAY 95		SHWS
MINERAL COUNTY	S128728359	BIG BLUE TRUCKING MOBILE SPILL	PRIMARY STREET: US HIGHWAY 95		SHWS
MINERAL COUNTY	S106514252	NEVADA DEPARTMENT OF TRANSPORTATIO	PRIMARY STREET: U.S. HIGHWAY 9		SHWS
MINERAL COUNTY	S109272979	MATHESON TRUCKING MOBILE SOURCE	PRIMARY STREET: U.S. HIGHWAY 9		SHWS
MINERAL COUNTY	S106514522	MON VAN MOVING SERVICES	PRIMARY STREET: U.S. HIGHWAY 9		SHWS
MINERAL COUNTY	S106514521	C.A.T. INC.	PRIMARY STREET: U.S. HIGHWAY 9		SHWS
MINERAL COUNTY	S108250184	LANDSTAR RANGER	PRIMARY STREET: U.S. HIGHWAY 9		SHWS
SCHURZ	1021529260	WALKER RIVER PAIUTE TRIBE	HIGHWAY 95	89427	EDR Hist Auto

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

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

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

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023  
Date Data Arrived at EDR: 07/06/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 18

Source: EPA  
Telephone: N/A  
Last EDR Contact: 09/01/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 03/26/2023  
Date Data Arrived at EDR: 03/28/2023  
Date Made Active in Reports: 05/30/2023  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 06/23/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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: 06/22/2023  
Date Data Arrived at EDR: 07/06/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 18

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 09/01/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/25/2023	Source: Department of the Navy
Date Data Arrived at EDR: 05/31/2023	Telephone: 843-820-7326
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

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

Date of Government Version: 06/12/2023

Date Data Arrived at EDR: 06/20/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 55

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/20/2023

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

### SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 06/12/2023

Date Data Arrived at EDR: 06/13/2023

Date Made Active in Reports: 09/05/2023

Number of Days to Update: 84

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872

Last EDR Contact: 06/13/2023

Next Scheduled EDR Contact: 09/25/2023

Data Release Frequency: Semi-Annually

## ***Lists of state and tribal landfills and solid waste disposal facilities***

### SWF/LF: Landfill List

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

Date of Government Version: 05/22/2023

Date Data Arrived at EDR: 05/24/2023

Date Made Active in Reports: 08/16/2023

Number of Days to Update: 84

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872

Last EDR Contact: 08/22/2023

Next Scheduled EDR Contact: 12/04/2023

Data Release Frequency: Quarterly

## ***Lists of state and tribal leaking storage tanks***

### LUST: Sites Database

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

Date of Government Version: 06/12/2023

Date Data Arrived at EDR: 06/13/2023

Date Made Active in Reports: 09/05/2023

Number of Days to Update: 84

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872

Last EDR Contact: 06/13/2023

Next Scheduled EDR Contact: 09/25/2023

Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/20/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-8677
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

**INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6271
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

**INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

**INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

***Lists of state and tribal registered storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 06/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

## UST: Underground Storage Tank List

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

Date of Government Version: 06/12/2023	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 06/13/2023	Telephone: 775-687-5872
Date Made Active in Reports: 09/05/2023	Last EDR Contact: 06/13/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/13/2023
	Data Release Frequency: Semi-Annually

## AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 01/25/2018	Source: Department of Conservation and Natural Resources
Date Data Arrived at EDR: 03/21/2018	Telephone: 775-687-5872
Date Made Active in Reports: 04/23/2018	Last EDR Contact: 06/12/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

### ***Lists of state and tribal voluntary cleanup sites***

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/13/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VCP: Voluntary Cleanup Program Sites

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

Date of Government Version: 06/12/2023  
Date Data Arrived at EDR: 06/13/2023  
Date Made Active in Reports: 09/05/2023  
Number of Days to Update: 84

Source: Department of Conservation & Natural Resources  
Telephone: 775-687-9381  
Last EDR Contact: 06/13/2023  
Next Scheduled EDR Contact: 09/25/2023  
Data Release Frequency: Semi-Annually

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 07/08/2021  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Project Tracking Database

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

Date of Government Version: 06/12/2023  
Date Data Arrived at EDR: 06/13/2023  
Date Made Active in Reports: 09/05/2023  
Number of Days to Update: 84

Source: Division of Environmental Protection  
Telephone: 775-687-9384  
Last EDR Contact: 06/13/2023  
Next Scheduled EDR Contact: 09/25/2023  
Data Release Frequency: Semi-Annually

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

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

Date of Government Version: 04/06/2023  
Date Data Arrived at EDR: 04/13/2023  
Date Made Active in Reports: 04/19/2023  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 08/30/2023  
Next Scheduled EDR Contact: 12/25/2023  
Data Release Frequency: Semi-Annually

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

#### SWRCY: Recycling Information Listing

A listing of recycling facilities in Nevada.

Date of Government Version: 04/17/2023  
Date Data Arrived at EDR: 04/19/2023  
Date Made Active in Reports: 07/11/2023  
Number of Days to Update: 83

Source: Department of Environmental Protection  
Telephone: 775-687-9463  
Last EDR Contact: 08/02/2023  
Next Scheduled EDR Contact: 11/20/2023  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 07/19/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Varies

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

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/11/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: No Update Planned

## ODI: Open Dump Inventory

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

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

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

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 07/27/2023  
Next Scheduled EDR Contact: 11/13/2023  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/22/2023  
Date Data Arrived at EDR: 05/23/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 48

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/21/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: No Update Planned

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/22/2023  
Date Data Arrived at EDR: 05/23/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 48

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/21/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 06/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/19/2023	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/21/2023	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## **Other Ascertainable Records**

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

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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 05/08/2023	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/16/2023	Telephone: 202-528-4285
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 07/10/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/05/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: N/A

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

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

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 08/01/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 06/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2023	Telephone: 202-566-1917
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/31/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/03/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 06/16/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 08/18/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

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

Date of Government Version: 04/17/2023	Source: EPA
Date Data Arrived at EDR: 04/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 07/18/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 703-416-0223
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Annually

## RMP: Risk Management Plans

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 06/12/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

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

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

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/15/2023  
Date Data Arrived at EDR: 03/21/2023  
Date Made Active in Reports: 05/30/2023  
Number of Days to Update: 70

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 07/12/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 04/14/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 09/01/2023  
Next Scheduled EDR Contact: 12/11/2023  
Data Release Frequency: Varies

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

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

Date of Government Version: 01/12/2017  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 11/11/2019  
Number of Days to Update: 251

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 08/28/2023  
Next Scheduled EDR Contact: 12/11/2023  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019  
Date Data Arrived at EDR: 11/06/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 96

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 08/03/2023  
Next Scheduled EDR Contact: 11/13/2023  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 06/22/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

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

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

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

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/25/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 03/31/2023  
Date Data Arrived at EDR: 04/20/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 07/31/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/05/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

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: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/26/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 08/10/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/06/2023	Telephone: 703-603-8787
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023  
Date Data Arrived at EDR: 04/04/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 11/20/2023  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

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

Date of Government Version: 05/01/2023  
Date Data Arrived at EDR: 05/24/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/22/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022  
Date Data Arrived at EDR: 02/24/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 82

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/24/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/24/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/13/2023  
Date Data Arrived at EDR: 06/14/2023  
Date Made Active in Reports: 08/14/2023  
Number of Days to Update: 61

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 08/29/2023  
Next Scheduled EDR Contact: 12/18/2023  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 05/04/2023  
Date Data Arrived at EDR: 05/25/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 60

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 08/29/2023  
Next Scheduled EDR Contact: 12/11/2023  
Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/21/2021  
Date Made Active in Reports: 08/11/2021  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 08/15/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 03/25/2023  
Date Data Arrived at EDR: 03/31/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 70

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 06/29/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021  
Date Data Arrived at EDR: 10/20/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 82

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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: 05/15/2023  
Date Data Arrived at EDR: 05/17/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 54

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 08/15/2023  
Next Scheduled EDR Contact: 11/27/2023  
Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2023  
Date Data Arrived at EDR: 06/08/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 1

Source: Environmental Protection Agency  
Telephone: 703-603-8895  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/07/2023  
Number of Days to Update: 8

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 05/02/2023  
Number of Days to Update: 33

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020  
Date Data Arrived at EDR: 03/17/2021  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 601

Source: Department of Health & Human Services  
Telephone: 202-741-5770  
Last EDR Contact: 07/19/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 05/02/2023  
Number of Days to Update: 33

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/07/2023  
Number of Days to Update: 8

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023  
Date Data Arrived at EDR: 04/27/2023  
Date Made Active in Reports: 05/02/2023  
Number of Days to Update: 5

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## AIRS: Permitted Airs Facility Listing

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

Date of Government Version: 06/09/2023  
Date Data Arrived at EDR: 06/13/2023  
Date Made Active in Reports: 09/01/2023  
Number of Days to Update: 80

Source: Division of Environmental Protection  
Telephone: 775-687-9359  
Last EDR Contact: 09/07/2023  
Next Scheduled EDR Contact: 12/25/2023  
Data Release Frequency: Semi-Annually

## COAL ASH: Coal Ash Disposal Sites

A listing of coal ash plants.

Date of Government Version: 02/15/2023  
Date Data Arrived at EDR: 02/16/2023  
Date Made Active in Reports: 05/11/2023  
Number of Days to Update: 84

Source: Division of Environmental Protection  
Telephone: 775-687-9477  
Last EDR Contact: 08/16/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

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

Date of Government Version: 06/01/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 101

Source: Department of Environmental Protection  
Telephone: 775-687-9465  
Last EDR Contact: 09/07/2023  
Next Scheduled EDR Contact: 12/25/2023  
Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information

Solid waste facility financial assurance information.

Date of Government Version: 05/22/2023  
Date Data Arrived at EDR: 05/24/2023  
Date Made Active in Reports: 08/16/2023  
Number of Days to Update: 84

Source: Division of Environmental Protection  
Telephone: 775-687-9477  
Last EDR Contact: 08/22/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Quarterly

## FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Information for underground storage tanks. The certificate may be used to demonstrate financial responsibility in accordance with NAC 459.995. The Nevada Petroleum Fund is approved by the U.S. E.P.A. as a State Fund (40 CFR 280.101) program. The Fund is required to carry forward a minimum balance of \$7,500,000 for each fiscal year, and assures up to \$1,000,000 per tank system for clean up costs and \$1,000,000 per tank system for damages to third parties due to an accidental release, less any applicable co-payment. Failure to meet Federal and State release reporting requirements may result in reduction or denial of Petroleum Fund coverage.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2022  
Date Data Arrived at EDR: 04/04/2023  
Date Made Active in Reports: 06/21/2023  
Number of Days to Update: 78

Source: Department of Conservation & Natural Resources  
Telephone: 775-687-9488  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## HMRI: Hazardous Materials Repository Information Data

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

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 05/08/2023  
Date Made Active in Reports: 08/02/2023  
Number of Days to Update: 86

Source: State Emergency Response Commission  
Telephone: 775-687-6973  
Last EDR Contact: 08/02/2023  
Next Scheduled EDR Contact: 11/20/2023  
Data Release Frequency: Semi-Annually

## NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 03/07/2023  
Date Data Arrived at EDR: 03/08/2023  
Date Made Active in Reports: 05/26/2023  
Number of Days to Update: 79

Source: Department of Environmental Protection  
Telephone: 775-687-9414  
Last EDR Contact: 08/29/2023  
Next Scheduled EDR Contact: 12/25/2023  
Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: No Update Planned

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 08/24/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Varies

## PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2023  
Date Data Arrived at EDR: 06/08/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 1

Source: Environmental Protection Agency  
Telephone: 202-566-0250  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023  
Date Data Arrived at EDR: 07/18/2023  
Date Made Active in Reports: 08/28/2023  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: 202-564-4700  
Last EDR Contact: 07/18/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

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

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

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

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

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

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

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

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

Source: Department of Conservation and Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

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

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

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

Source: Department of Conservation and Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

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

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

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

Source: Department of Conservation and Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### WASHOE COUNTY:

#### UST - WASHOE: Underground Storage Tank in Washoe County

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

Date of Government Version: 08/03/2020  
Date Data Arrived at EDR: 08/05/2020  
Date Made Active in Reports: 08/11/2020  
Number of Days to Update: 6

Source: Washoe County Department of Environmental Health  
Telephone: 775-328-2493  
Last EDR Contact: 08/16/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/16/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 860-424-3375
Date Made Active in Reports: 02/06/2023	Last EDR Contact: 08/08/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: No Update Planned

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 07/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/06/2023
	Data Release Frequency: Quarterly

### Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

### Electric Power Transmission Line Data

Source: Endeavor Business Media

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

### AHA Hospitals:

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

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

### Medical Centers: Provider of Services Listing

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

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

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

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

### Public Schools

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Child Care Facility List

Source: Department of Human Resources

Telephone: 775-684-1100

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Natural Heritage Program

Telephone: 775-684-2900

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

WALKER RIVER BABBIT HOUSES  
U.S 95  
SCHURZ, NV 89427

### TARGET PROPERTY COORDINATES

Latitude (North):	38.929438 - 38° 55' 45.98"
Longitude (West):	118.806861 - 118° 48' 24.70"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	343375.9
UTM Y (Meters):	4310290.5
Elevation:	4209 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	11954609 SCHURZ, NV
Version Date:	2018

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

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

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

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

# 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).

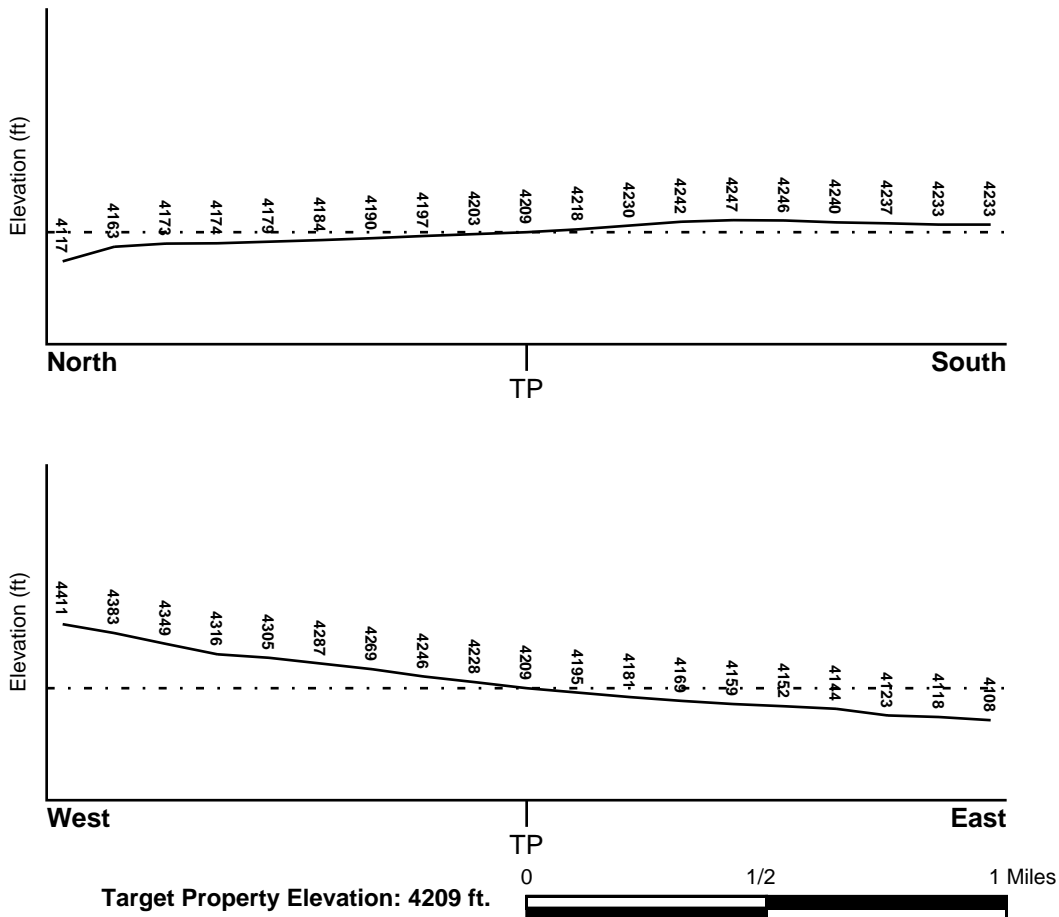
## TOPOGRAPHIC INFORMATION

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 ENE

## 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**

Flood Plain Panel at Target Property                      FEMA Source Type

Not Reported

Additional Panels in search area:                      FEMA Source Type

Not Reported

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
SCHURZ NE

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  
Status:                                      Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

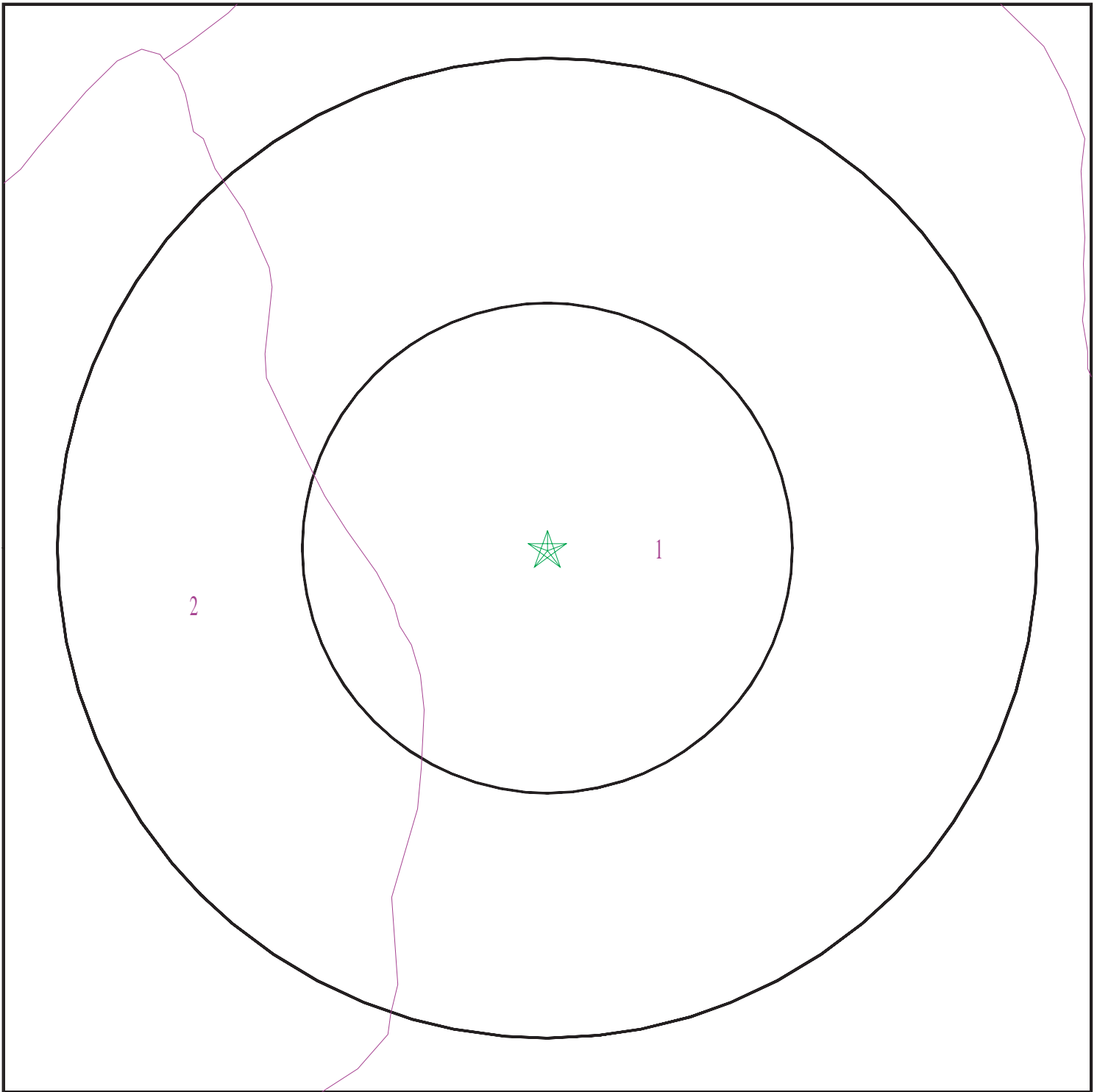
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

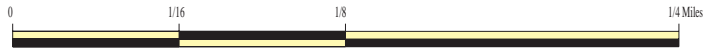
Category: Stratified Sequence

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

# SSURGO SOIL MAP - 7439897.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Walker River Babbit Houses  
ADDRESS: U.S 95  
Schurz NV 89427  
LAT/LONG: 38.929438 / 118.806861

CLIENT: McGinnis and Associates LLC  
CONTACT: Loren Secor  
INQUIRY #: 7439897.2s  
DATE: September 08, 2023 6:07 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: Trocken

Soil Surface Texture: gravelly loamy sand

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 9 Min: 7.9
2	3 inches	59 inches	stratified extremely gravelly loamy coarse sand to gravelly 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: 14 Min: 4	Max: 9 Min: 7.9



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: Unsel

Soil Surface Texture: very gravelly fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 8.5
2	3 inches	9 inches	gravelly sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 8.5
3	9 inches	31 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 8.5

# 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
1	1	0	0	3.5	3.5

Federal EPA Radon Zone for MINERAL County: 1

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

---

Federal Area Radon Information for Zip Code: 89427

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# 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.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 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 locationS 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 E: EDR City Directory Report**

**Walker River Babbit Houses**

U.S 95

Schurz, NV 89427

Inquiry Number: 7439897.5

September 12, 2023

# The EDR-City Directory Image Report

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### 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 business directory data at approximately five year intervals.

### RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

### 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>
2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
1995	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information

# FINDINGS

## TARGET PROPERTY STREET

U.S 95  
Schurz, NV 89427

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

## HIGHWAY 95 S

2017	pg A2	Cole Information	
2014	pg A3	Cole Information	
2010	pg A4	Cole Information	
2005	-	Cole Information	Street not listed in Source
2000	-	Cole Information	Street not listed in Source
1995	-	Cole Information	Street not listed in Source
1992	-	Cole Information	Street not listed in Source

## S 95 HWY

2020	pg A1	EDR Digital Archive
------	-------	---------------------

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**



-

**S 95 HWY      2020**

- 4048    SCHURZ ELEMENTARY SCHOOL  
          WALKER RIVER HEADSTART
- 4058    FOUR SEASONS SMOKE SHOP

Target Street

Cross Street

Source

✓

-

Cole Information

**HIGHWAY 95 S**

**2017**

4048 MINERAL COUNTY SCHOOL DISTRICT  
WALKER RIVER HEADSTART  
4058 FOUR SEASONS SMOKE SHOP

**HIGHWAY 95 S      2014**

- 4003    TEE PEE FIREWORKSS
- 4004    JOHNSON, LESTER
- 4028    MULLINS, MOSCO
- 4048    MINERAL COUNTY SCHOOL DISTRICT  
          SCHURZ ELEMENTARY SCHOOL  
          WALKER RIVER HEADSTART
- 4058    FOUR SEASONS SMOKE SHOP



-

**HIGHWAY 95 S      2010**

4004    JOHNSON, LESTER  
4008    PONTON, GEORGE  
4012    LOWERY, BOBBIE  
4032    JIM, WESLEY



**Appendix F: Environmental Professional's Curriculum Vitae**

**B. DIETRICK MCGINNIS, Ph.D, PE, CEM****President, McGinnis and Associates**

Phone/fax (775) 853.0449 fax 0243, dmcginnis@mcginnisandassociates.com

65 Regency Way Suite C, Reno, NV 89509

**Education**

- Ph.D. Civil Engineering. University of Nevada, Reno. 1998. Dissertation Title “Degradation of Ethylene Glycol by Dye-Sensitized and Hydroxyl Radical Oxidation”. E. Joe Middlebrooks, advisor (retired).
- M.S. Civil and Environmental Engineering. Utah State University. Logan, Utah. 1995. Thesis Title “Biocontainment of Hydrocarbons in a Shallow Aquifer”. R. Ryan Dupont, advisor.
- B.S. Wood Science and Technology. Mississippi State University. Starkville, Mississippi. 1990. Senior Thesis “Determination of Pentachlorophenol Retention by X-Ray Fluorescence Using Split Borings from Treated Southern Yellow Pine Poles”.

**Work Experience**

President, McGinnis and Associates, LLC, Reno, NV, 1989 to present.

- Government to government relation assignments including experience with Tribal Governments, NRDA, and Superfund technical support.
- Watershed and wetland planning and restoration including infrastructure/road rehabilitation.
- Providing economic, energy and environmental program development support for Tribes and Local Governments.
- Implementing site cleanup activities including site characterization and assessment. Assignments include managing contractors and working with federal and state regulatory agencies.
- Support for monitoring programs for water, soil, biota and air including radiological and pesticide assessments and drinking water/wastewater systems.
- Design and implementation of BMPs for Non-point pollution prevention including SWPPP.

Assistant Research Professor, University of Nevada, Reno, 1998.

- Developed funding resources and research initiatives for the National Disaster Resource Center for Wood Structures, a partnership between the USDA Forest Products Laboratory, the University of Nevada, Reno, the University of North Dakota and Michigan Technological University.
- Coordinated with lobbyist from member universities for direct appropriations; an earmark successfully placed on the 1999 budget sponsored by Senators Reid and Dorgan.

Research Assistant University of Nevada, Reno, Department of Civil Engineering, (1995-1998). In addition to Ph.D. research responsibilities:

- Maintained and performed analysis on multiple ICP, high performance liquid chromatography, ion chromatography and gas chromatography units.

Research Assistant, Utah State University, Department of Civil and Environmental Engineering, Logan, Utah (1992-1994). In addition to M.S. research responsibilities:

- Maintained and performed analysis for metals on Perkin Elmer Inductively Coupled Plasma units.
- Developed methods for and performed analysis with high performance liquid chromatography, ion chromatography and gas chromatography (flame ionization and electron capture detectors) units.

Summer Internship, International Paper. Wiggins, MS, Deridder, LA, and Joplin, MO (1989).

- Development of quality control methods for PCP treated poles at multiple plants.
- Development of X-Ray Fluorescence methods for in-plant and field use.

Laboratory Technician, Mississippi State Chemical Labs, Miscellaneous Lab, Mississippi State University, Starkville, MS, March 1984 to October 1990.

- Conducted general drinking water quality and wastewater permit analyses.
- Developed procedures for food and beverage quality testing and labeling, including analyses for specific phosphorus compounds, product tampering, nutritional value and a variety of specialty analyses that involved adapting procedures from several sources.

### **Consulting Experience**

2016-2017	Regulatory and Technical Support, Jackpile Mine in Laguna Pueblo, New Mexico. Subcontract with EA for Region 6 U.S. EPA.
2015-2017	Regulatory and Technical Support, Tronox Navajo Area Uranium Mines, San Mateo Creek Basin, New Mexico. Subcontract with Weston for Region 6 U.S. EPA.
2012-2017	CEM, Mohave Generating Plant, Laughlin, NV for Hamilton Geotech/Southern California Edison
2000-2016	Technical support for the Yerington Paiute Tribe Environmental Program. Yerington, NV. Tasks include review of work plans and data/data validation relating to the Anaconda Mine Superfund Site and participation in the Technical Working Group. (current project)
2009-2016	Caseworker for the Yerington Paiute Tribe. Yerington Mine Natural Resources Trustee Council. (current project)
2014-2016	Technical support for wetland restoration and erosion control. La Posta Rancheria, San Diego County, CA. (current project).
2015-2016	Technical support, Climate Change Planning Program for the 27 Tribes of Nevada, Inter-Tribal Council of Nevada (current project)
2016	Technical support, development of gravel resources on the Round Valley Tribes Reservation, Covello, CA. (current project)
2014-2016	Technical Advisor for the Elem Indian Colony, Sulphur Bank Mercury Mine Superfund Site. Lake County, CA.
2014-2016	Technical Advisor for the Elem Indian Colony, USFW TWG and GAP EPA programs. Lake County, CA.
2006-2016	Technical Advisor for CLLEAN under their Superfund Technical Assistance Grant (TAG) for the Lowery Landfill Superfund site. Aurora, CO. Responsibilities include review of PRP generated data describing groundwater plumes of heavy metals and chlorinated solvents including PCE in residential/commercial areas.
2007-2015	Groundwater modeling and support for water resource management. Habematolel Band of Pomo Indians. Upper Lake, CA.
2010-2014	Implementation and management of the Hitch Adaptive Management Plan. Habematolel Band of Pomo Indians. Upper Lake, CA. Funded through the U.S. FW Tribal Wildlife Program.
2011-2014	WAPA negotiation and energy development consultant, Hoopa Valley Tribe, Hoopa, CA.
2012-2013	Strategic Energy Planning program consultant, Lower Brule Sioux Tribe, Lower Brule, ND.
2012-2013	Development of a BIA IRMP. Big Sandy Rancheria, Auberry, CA.
2010-2011	Development of a Strategic Energy Plan for the Hoopa Tribe, Hoopa, CA. Included integration of Superfund Sites, Endangered Species and cultural sites into energy planning.

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2009-2010	Project Manager, Linden Fields 50 MW Solar Farm development for Sunkiss Solar.
2009-2010	QAPP development and implementation of a legacy pesticide investigation, Habematolel Band of Pomo Indians. Upper Lake, CA..
2009	Development of biomass energy projects for Robinson Rancheria (subcontracted by Pacific Plains Engineering).
2008	Business development for Native Solar, an alternative energy economic development and jobs program for the Scotts Creek Band of Pomo Indians.
2007-2009	Septic system rehabilitation, Big Valley Rancheria water treatment plant. Lakeport, CA.
2007-2008	Development of DOE based Strategic Energy Plans for the 6 Tribes of Lake County CA. Robinson Rancheria, managing Tribe.
2007-2008	Evaluation and re-design of municipal wastewater treatment facilities. Big Valley Rancheria, Lakeport, CA.
2006-2007	Wetland and road/erosion repair for 319 and FEMA project support. Robinson Rancheria, Nice, CA.
2004-2011	Program development, technical support and data validation for water quality monitoring for metals and general water quality parameters, Elem Colony, Clearlake Oaks, CA, Sulphur Bank Superfund Site.
2004-2012	Technical Advisor for Clear Lake Environmental Action Network (CLEAN) under their Superfund Technical Assistance Grant (TAG) for the Sulphur Bank Mine site. Clearlake Oaks, CA.
2007-2008	Development of a DOE First Steps energy program for 5 federally recognized Tribes of Lake County.
2005-2006	Review and report on Geothermal Incorporated Landfill Site Remediation Program, Middletown Rancheria, Middletown, CA, a site that included heavy metals and chlorinated solvents.
2006	Fish Passage Reconnaissance: A discussion of fish barrier issues on Middle Creek, Lake County California, including engineering notes and observations from a site review of the Kelseyville fish ladder.
2006	Biological Assessment Robinson Rancheria Fee Lands, Robinson Rancheria Band of Pomo Indians Lake County, California.
2004-2006	Pesticide Circuit Rider Project, Lake County Tribes. Coordinated by the Big Valley Rancheria, Lakeport, CA.
2005-2006	Copper and lead program compliance in drinking water. Big Valley Public Works, Big Valley Rancheria, Lakeport, CA.
2005	Technical support for Mountain Electronics Recycling Systems including CDBG grant development. Quincy, CA.
2004	Economic analysis and technical report for Ecofirst, an electronics recycling company. Plumas County, CA.
2004	Program development and assistance for water quality, sediment and biota monitoring for metals and pesticides for Big Valley Rancheria, Lakeport, CA.
2004	Development of a Non-point source program and report for the Middletown Rancheria, Middletown, CA.
2004	Development of a water monitoring QAPP for the Robinson Rancheria, Nice, CA.
2003	Preparation of Solid Waste grants and TEP for the Fort McDermitt Paiute - Shoshone Tribe.
2003	Preparation of a water monitoring QAPP for the Elem Rancheria, Clearlake Oaks, CA.
2003	Preparation of a 305b Report for the Elem Rancheria including review of the Sulfur Bank Superfund Site Data, Clearlake Oaks, CA.
2002	Assistance with review of road and infrastructure planning, Bear River Band of Rohnerville Rancheria. Loleta, CA.
2002	Technical support for development of an Environmental Inventory and Tribal Environmental Plan for the Guidiville Band of Pomo Indians. Ukiah, CA.
2002	Removal of home heating oil tanks, Fort McDermitt Paiute - Shoshone Tribe Reservation.

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2000-2002	Technical advisor for the Yerington Paiute Air Quality Program. Yerington, NV. Design and management of systems to monitor for PM <sub>10</sub> , PM <sub>2.5</sub> and toxic emissions.
2000-2001	Improving water quality in the Carson River, Consultant for the University of Nevada, Reno for a subcontract to the Washoe Tribe of Nevada and California (USEPA 319 Grant).
2000-2001	Experimental design and statistical analysis of results for heavy metal determinations and Candida growth factors in human breast milk. For Health and Nutrition Inc. Reno, NV.
2000-2002	Development of a rural internet provider business model including application of wireless internet technology. For Plumasnet. Greenville, CA.
2000	Prioritizing environmental projects for the Ft. McDermitt Paiute and Shoshone Tribe (NV). Sites include mines/acid mine drainage, underground storage tanks and water quality issues.
2000	Assessment of a drinking water collection and distribution system for the Greenville Rancheria. Greenville, CA.
1999	Design for proposed facilities for onsite treatment of waste from lemon processing, Buenos Aires, Argentina. For Obrelmec (Division Ecologia).
1999	Design for proposed facilities for offsite treatment of photographic film development waste, Buenos Aires, Argentina. For Obrelmec (Division Ecologia).
1999	Evaluation of an electrolytic cell system for spa sanitation in conjunction with Dr. Dean Adams, University of Nevada, Reno, Department of Civil Engineering, for Bioquest Inc.
1993-1999	Production of specialty agar for plate counting PCP and Creosote tolerant bacteria. Included design and start-up of onsite laboratory, Weed, California, for JH Baxter Inc.
1998	Design and monitoring of onsite facilities for biodegradation of DDT contaminated soil, Santiago del Estero, Argentina. In conjunction with Obrelmec (Division Ecologia).
1996-1998	Production of specialty agar for plate counting PCP and Creosote tolerant bacteria. Included design and start-up of onsite laboratory, Lumby, British Columbia, Canada. For Bell Pole, Ltd.
1996-1997	Design of primary treatment systems for a combined industrial wastewater treatment system that included dye, petroleum and metals processing waste, Ahmedabad, India. For Envirocare.
1993	Design and testing of an insitu air venting system for treatment of PCP contaminated soil and water, Lake City, Florida. In conjunction with Wildmere Farms.
1993	Review of results and literature review for a three dimensional resistivity geophysical testing for creosote contamination. For the Hattiesburg, MS, School Board through representing attorney.
1993-1996	Design and operation of vented soil pile systems for treatment of PCP and PAH contaminated soil at an abandoned wood treating site, Lake City, Florida. In conjunction with Wildmere Farms.
1990-1992	Design and operation of landfarms for bioremediation of PCP contaminated soil at an abandoned wood treating site, Lake City, Florida. In conjunction with Wildmere Farms.
1989	Monitoring bioremediation system for soil contaminated with Dieldrin at various operating forest products facilities in Southern Arkansas. For Champion Lumber, Inc.

### **Participation in Professional Organizations and Seminars**

- Professional Engineer (PE) Nevada 16257
- Certified Environmental Manager, State of Nevada, EM-1785
- Hazardous Waste Operations and Emergency Response Training (HAZWOPPER) in accordance with 29 CFR 1910.120. Truckee Meadow Community College, January 10-14, 2005. Updated January 2016
- ASTM Technical & Professional Training Course on Phase I-II ESAs, November 27-29, 2012 in Las Vegas, NV. Confined Space Entry Train-the-Trainer, Truckee Meadow Community College, July 27, 2005
- Order of the Engineer

- American Water Works Association
- Yerington Mine CERCLA Site Technical Working Group
- Sulphur Bank Mercury Mine Superfund Site Technical Working Group
- Lowery Landfill Superfund Site Technical Working Group
- *National Tribal Environmental Enforcement Conference*. April 30 – May 2, 2002. Reno, NV
- *Working effectively with Federal and State Agencies, A workshop for Tribal Council Members, Employees and Representatives* (Topics included Federal Indian Law and Consultation). August 8-11, 2000. Reno, Nevada. Sponsored by the Nevada Indian Environmental Coalition
- *Tribal Nonpoint Source Pollution Workshop*. July 24-25, 2000, Sparks, Nevada. Sponsored by Region 9 USEPA
- Reviewer for *Chemosphere*, 2000 - 2001
- *President*. 1996. Student Association of Environmental Engineers and Scientists, University of Nevada, Reno
- *Session Chair*. 1994. Environmental Issues/Remediation in the Wood Treating Industry. ACS (Industrial and Engineering Chemistry Division, Pollution Prevention and Waste Management Subdivision) Emerging Technologies for Hazardous Waste Management Symposium VI, Atlanta, Georgia
- *Session Chair*. 1993. Environmental Issues/Remediation in the Wood Treating Industry. ACS Emerging Technologies for Hazardous Waste Management Symposium V, Atlanta, Georgia

### **Publications and Presentations**

McGinnis, B. Dietrick and Ginny Hatch. 2016. Groundwater, Water Rights, Superfund and the Yerington Paiute Tribe. Second Annual Tribal Summit, Native Waters on Arid Lands.

McGinnis, B. Dietrick. 2010. Linden Fields, a 50 MW Proposed Solar Farm Project. California Energy Commission Pre-filing Presentation.

McGinnis, B. Dietrick and E. Ringelberg. 2010. Restoring a Rare Native Fish, the Hitch *Lavinia exilicauda chi*: Biology, Ecology, and an Initial Adaptive Management Plan. The California Society for Ecological Restoration (SERCAL) 17<sup>th</sup> Annual Conference.

McGinnis, B. Dietrick, Max Montgomery. 2006, 2008. Soil Erosion Basics and SWPPP development in Indian Country. A short course provided to Robinson Rancheria (2006) and Big Valley Rancheria (2008).

McGinnis, B. Dietrick. 2007. Literature Review Update for the Anaconda Mine Site in Yerington, Nevada. Prepared for the Yerington Paiute Tribal Environmental Office presented to the Yerington Paiute Tribal Council and the Administrator of Region 9 USEPA.

Invited Speaker. Alternative Energy for Lake County Tribes. Hinthil Environmental Resources Consortium (HERC) Meeting, November 2006.

Panel Chairman and Invited Speaker. *Making Your Environmental Program Work: Working with Industry and Local Government*. First National Tribal Sovereignty Conference, Reno, NV. May 2003.

McGinnis, B. Dietrick. 2002. Bringing Tribal Interest to Remediation Decisions. 6<sup>th</sup> National Conference on Environmental Management. Invited Speaker and Panelist for the Abandoned Mine Lands Team–EPA's Tech Assistance and Tribal Collaboration Case Studies Session. June 2 – 10, 2002. Reno, NV.

McGinnis, B. Dietrick. 2002. Developing Strategies for Tribal Superfund Programs – What Tribes Should Know When Dealing with Hazardous Waste Sites. Invited Speaker for the National Tribal Environmental Council Superfund Working Group.

McGinnis, B. Dietrick; E. Joe Middlebrooks; V. Dean Adams. 2001. Degradation of Ethylene Glycol in Fenton Systems. *Chemosphere*. Volume 45, No. 1, pp 101-108.

McGinnis, B. Dietrick, D. Koracin, and V. Isakov. 2001. Air Quality at the Yerington Paiute Tribe Reservation and Colony. Prepared for the Yerington Paiute Tribal Environmental Office for the Yerington Paiute Tribal Council and Region 9 USEPA.

McGinnis, B. Dietrick; E. Joe Middlebrooks; V. Dean Adams. 2000. Degradation of Ethylene Glycol in Photo Fenton Systems. *Water Research*. Volume 34, No. 8, pp. 2346-2354.

McGinnis, B. Dietrick. 2000. Literature Review for the Anaconda Mine Site in Yerington, Nevada. Prepared for the Yerington Paiute Tribal Environmental Office presented to the Yerington Paiute Tribal Council and the Administrator of Region 9 USEPA.

McGinnis, B. Dietrick; J.G. Curtis, M. Silveri and R. Moore. 2000. An Evaluation of an Electrolytic Process for the Removal of Ammonia and Urea from Simulated Spa Water. *Research in Pool and Spa Water Chemistry*. Volume 4, pp. 44-53.

McGinnis, B. Dietrick; E. Joe Middlebrooks; V. Dean Adams. 1999. Evaluation of Methylene Blue and Riboflavin for the Photosensitized Degradation of Ethylene Glycol. *Environment International*. Volume 25, No. 8, pp. 953 – 959.

McGinnis, B. Dietrick; J.G. Curtis, M. Silveri and R. Moore. 1999. An Evaluation of an Electrolytic Process for the Removal of Ammonia and Urea from Simulated Spa Water. Presented at the National Spa and Pool Association's International Exposition and Conference, Las Vegas, NV.

Dupont, R.R.; D.L. Sorensen; M. Kembrowski; M. Bertleson; D. McGinnis; I. Kamil; Y. Ma. 1998. *Monitoring And Assessment Of In Situ Biocontainment Of Petroleum Contaminated Ground-Water Plumes*. U.S. EPA Office of Research and Development, Washington D.C. **EPA/600/R-98/020**.

McGinnis, B. Dietrick; E. Joe Middlebrooks; V. Dean Adams. 1997. Degradation of Ethylene Glycol in Photo Fenton Systems. ACS Division of Environmental Chemistry, Preprint of Papers. Vol 37, No. 2.

McGinnis, B. Dietrick; R. Ryan Dupont; Kevin Everhart; George St. Laurent. 1994. Evaluation and Management of Field Soil Pile Bioventing Systems for the Remediation of PCP Contaminated Surface Soils. *Environmental Technology*. Aug. 1. Vol 15, No. 8. 729-739.

Everhart, K.E.; E.M. Schmidt; B.D. McGinnis; G. St. Laurent. 1994. Reliability, Accuracy and Cost Efficiency of Immunoassay Field Screening Methods for Pentachlorophenol as a Component of Superfund Screening Procedures. ACS (Industrial and Engineering Chemistry Division, Pollution Prevention and Waste Management Subdivision) Emerging Technologies for Hazardous Waste Management Symposium, Atlanta, Georgia.

L.M. Schmidt; D. McGinnis; J.J. Delfino; K.E. Everhart. 1994. Characterization of a Water Remediation System for PCP Removal and the Impact of Selected Amendments on Biodegradation Rates at a Former Wood Treatment Facility. ACS (Industrial and Engineering Chemistry Division, Pollution Prevention and Waste Management Subdivision) Emerging Technologies for Hazardous Waste Management Symposium, Atlanta, Georgia.

McGinnis, B. Dietrick; K.E. Everhart; G. St. Laurent. 1994. Insitu Venting for the Remediation of a Shallow Aquifer Contaminated with Wood Treating Waste. ACS Emerging Technologies for Hazardous Waste Management Symposium, Atlanta, Georgia.

McGinnis, B.; K. Everhart; G. McGinnis. 1993. Management of TCLP Requirements for the Bioremediation of Soils Contaminated with Wood Treating Waste. ACS Emerging Technologies for Hazardous Waste Management Symposium, Atlanta, Georgia.

McGinnis, B.; R. Dupont; K. Everhart. 1993. Evaluation and Management of Bioventing Systems for the Remediation of Soils Contaminated with Wood-Treating Waste. 26th Great Lakes Regional Meeting of the American Chemical Society. May 27.

McGinnis, B. Dietrick; R. Ryan Dupont; Kevin Everhart. 1992. Detoxification of Soil Contaminated with Pentachlorophenol Using Hydrogen Peroxide. ACS (Industrial and Engineering Chemistry Division, Pollution Prevention and Waste Management Subdivision) Emerging Technologies for Hazardous Waste Management Symposium, Atlanta, Georgia.

McGinnis, B. Dietrick; R. Ryan Dupont; Kevin Everhart. 1992. Determination of Respiration Rates in Soil Piles to Evaluate Aeration Efficiency and Biological Activity. Air & Waste Management Association Annual Meeting, Kansas City, Missouri. June 1992.

McGinnis, B. Dietrick; R. Ryan Dupont; Kevin Everhart; G. St. Laurent. 1992. Evaluation of the Effectiveness of Soil Venting to Enhance the Degradation of Pentachlorophenol in Soil. Presented at the ACS (Industrial and Engineering Chemistry Division, Pollution Prevention and Waste Management Subdivision) Emerging Technologies for Hazardous Waste Management Symposium, Atlanta, Georgia.

Shi, Yan; R. H. Lane; B. McGinnis. 1990. Characterization of Acidic Materials Obtained by Fat Acidity Methods of the AOAC and the International Organization for Standardization (ISO). *Proceedings of the Association of Official Analytical Chemist*. New Orleans, Louisiana.

McGinnis, B. Dietrick. 1990. Determination of Retention by X-ray Fluorescence Using Split Borings from Southern Yellow Pine Poles Treated with Pentachlorophenol. *Proceedings of the American Wood Treating Association. Research and Technology Symposium*, p. 2.