Environmental Assessment

for the

Canjilon Water System Improvements Project Canjilon, Rio Arriba County, New Mexico

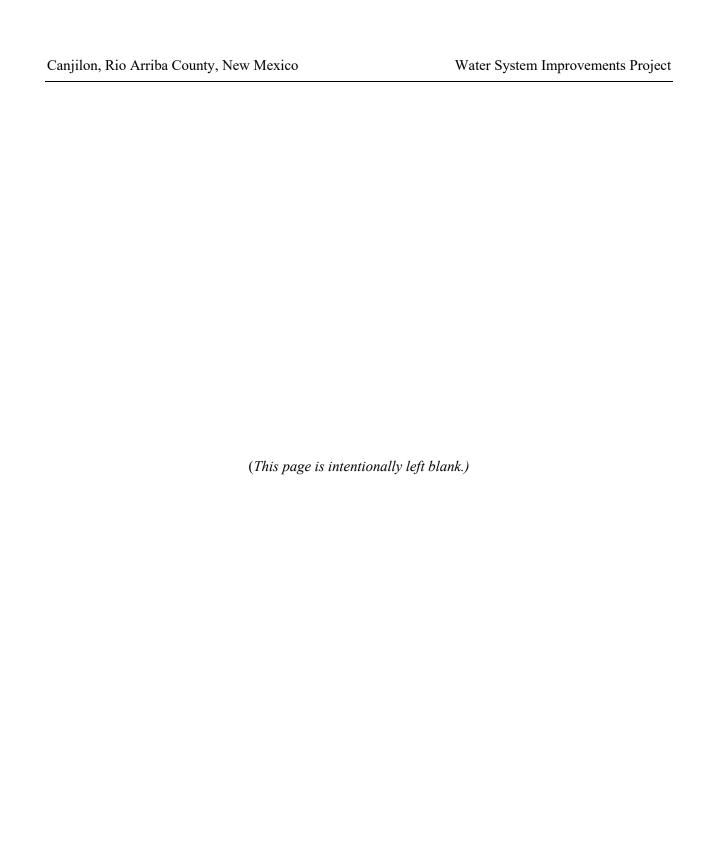


U. S. Army Corps of Engineers Albuquerque District

DRAFT

November 2021





DRAFT FINDING OF NO SIGNIFICANT IMPACT

CANJILON WATER SYSTEM IMPROVEMENTS PROJECT

CANJILON, RIO ARRIBA COUNTY, NEW MEXICO

The U.S. Army Corps of Engineers, Albuquerque District (Corps) has conducted an environmental analysis in accordance with the National Environmental Policy Act of 1969, as amended. The Draft Environmental Assessment (EA) dated November 2021, for the Canjilon Water System Improvements Project addresses the need to increase water flow, provide adequate working pressures, and have reliable fire protection for the Canjilon Mutual Domestic Water Consumers and Mutual Sewage Works Association (MDWC & MSWA) in Rio Arriba County, New Mexico.

The Draft EA, incorporated herein by reference, evaluated various alternatives that would improve water flow needs in the study area. The recommended plan involves the following:

• Replacing approximately 4.9 miles of existing 2, 3, and 4-inch PVC water lines with new 6-inch PVC (C-900 class pipe), fittings, gate valves, pressure control valves, and fire hydrants. The older, small water lines were installed in 1973 and do not provide the necessary water supply to address fire protection nor do they allow for the installation of new fire hydrants.

In addition to a "No-Action" plan, four alternatives were formulated, but not brought forward for evaluation as they did not meet the project purpose and need of adequate and consistent water supply and fire protection for the Village of Canjilon. The alternatives are detailed in Section 2.2 of the Draft EA.

For the recommended plan and the No-Action alternative, the potential effects were evaluated, as appropriate. A summary assessment of the potential effects of the recommended plan are listed in Table 1.

Table 1: Summary of Potential Effects of the Recommended Plan

	Insignificant effects	Insignificant effects as a result of mitigation	Resource unaffected by action
Aesthetics	\boxtimes		
Air quality	\boxtimes		
Aquatic resources/wetlands	\boxtimes		
Invasive species	\boxtimes		
Fish and wildlife habitat	\boxtimes		
Threatened/Endangered species/critical habitat			\boxtimes
Historic properties			\boxtimes
Other cultural resources			\boxtimes
Floodplains			\boxtimes
Hazardous, toxic & radioactive waste			\boxtimes
Hydrology	\boxtimes		
Land use	\boxtimes		
Navigation			\boxtimes
Noise levels	\boxtimes		
Public infrastructure	\boxtimes		
Socio-economics			

	Insignificant effects	Insignificant effects as a result of mitigation	Resource unaffected by action
Environmental justice			\boxtimes
Soils	\boxtimes		
Tribal trust resources			\boxtimes
Water quality	\boxtimes		
Climate change	\boxtimes		

All practicable and appropriate means to avoid or minimize adverse environmental effects were analyzed and incorporated into the recommended plan. Best management practices (BMPs) as detailed in the Draft EA and listed below will be implemented, if appropriate, to minimize impacts.

- Project construction would be scheduled during the non-irrigation season.
- If construction would need to occur during irrigation season, the contractor would be required to take measures to allow for continued flow of irrigation waters during installation of the water line under the irrigation canals.
- Disturbed soil surrounding the project area would be reseeded with a native seed mix.
- Project construction would avoid migratory bird season as much as possible. However, if vegetation is removed during migratory bird season, a nest survey would be conducted prior to any vegetation removal.

No compensatory mitigation is required as part of the recommended plan.

Public review of the Draft EA and FONSI was completed on XX. All comments submitted during the public review period will be responded to in the FINAL EA and FONSI.

Pursuant to section 7 of the Endangered Species Act of 1973, as amended, the U.S. Army Corps of Engineers determined that the recommended plan would have no effect on federally listed species or their designated critical habitat.

Pursuant to section 106 of the National Historic Preservation Act of 1966, as amended, the U.S. Army Corps of Engineers determined that historic properties would not be adversely affected by the recommended plan. The New Mexico State Historic Preservation Officer concurred with this determination on 8 September, 2021, and no Tribes have expressed any concerns with the project. [Consultation on this determination with local acequia associations is ongoing concurrently with the public review of this document].

The proposed work does not involve a discharge of dredged or fill material within waters of the United States regulated by Section 404 of the Clean Water Act (CWA); therefore, a Department of the Army permit under Section 404 of the CWA would not be needed for this project.

All applicable environmental laws have been considered and coordination with appropriate agencies and officials have been completed.

Technical, environmental, and cost effectiveness criteria used in the formulation of alternative plans were those specified in the Water Resources Council's 1983 <u>Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies</u>. All applicable laws, executive orders, regulations, and local government plans were considered in evaluation of alternatives.

Based on this report, the reviews by other Federal, Stand the review by my staff, it is my determination that adverse effects on the quality of the human environm Impact Statement is not required.	at the recommended plan would not cause significant
Date	Patrick M. Stevens V. Lieutenant Colonel, U.S. Army District Commander

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1 - INTRODUCTION

1.1 Background and Location

The United States Army Corps of Engineers (Corps), Albuquerque District in cooperation with and at the request of the Village of Canjilon Mutual Domestic Water Consumers and Mutual Sewage Works Association (MDWC & MSWA), is planning to make improvements to the existing water system. The improvements include replacing 3-inch existing water lines with larger sized 6-inch water lines through parts of the Village. Existing water lines would be abandoned in place and would not be removed (see Figure 1 for Proposed Location Map). The proposed construction period is twelve months and is expected to start in October 2021.

The rehabilitation work would be conducted under Section 595 of the Water Resources Development Act of 1999 (Public Law 106-53), as amended. The Act authorizes the Corps to provide assistance in the form of design and construction for water-related environmental infrastructure, resource protection, and development projects in Idaho, Montana, rural Nevada, New Mexico, rural Utah, and Wyoming. Types of projects included under the Act are wastewater treatment and related facilities, stormwater retention and remediation, environmental restoration, surface water resource protection and development, and sewer and water line replacement.

Provisions under the Act require that the project be publicly owned to receive Federal assistance. As such, the non-Federal project sponsor is the Village of Canjilon MDWC & MSWA. The Act further requires that a cooperative agreement be established between the Federal and non-Federal interests. In general, the Federal share of project costs under each cooperative agreement is 75 percent of the total project costs.

The proposed project area is located approximately 50 miles north of the City of Espanola in Rio Arriba County, New Mexico (Sections 8, 17, and 18, T26N, RSE, N.M.P.M.). The Village encompasses an area of approximately 5.75 square miles. The elevation varies from 7,700' to 8,000' above main sea level. See Figure 2 for a Project Vicinity Map.

1.2 Purpose and Need

The priority of the proposed project is to provide consistent and adequate pressure to the water system and its existing customers. The existing water lines are small (2"-4") and were installed nearly 45 years ago. Due to the aging infrastructure and issues with current water pressure, these lines need to be replaced. In addition, fire protection is being greatly affected due to these issues.

1.3 Regulatory Compliance

This Draft Environmental Assessment was prepared by the Corps in compliance with all applicable Federal Statutes, Regulations, and Executive Orders, including, but not limited to, the following:

- National Historic Preservation Act (16 U.S.C. 470 et seq.)
- Archaeological Resources Protection Act (16 U.S.C. 470aa et seq.)
- Clean Water Act (33 U.S.C 1251 et seg.)

Figure 1 - Proposed Location Map

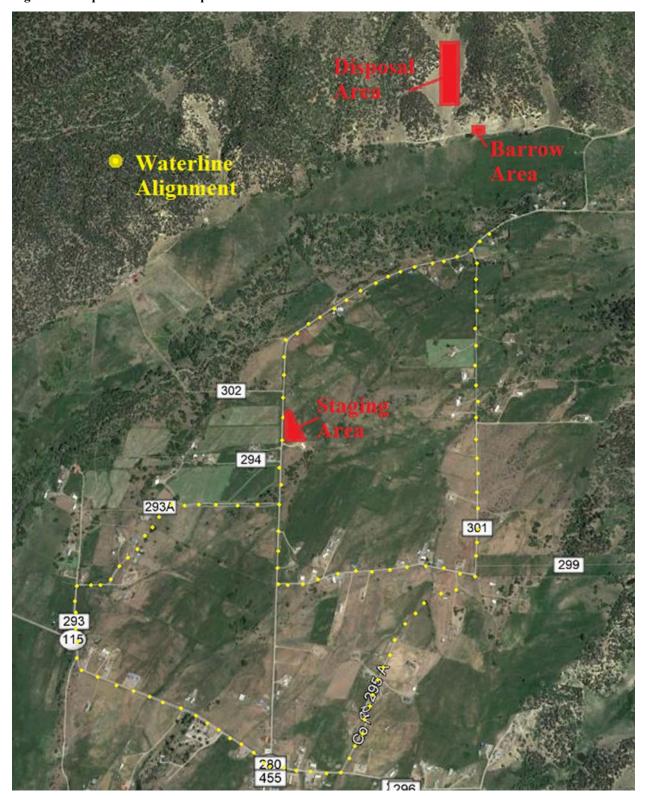
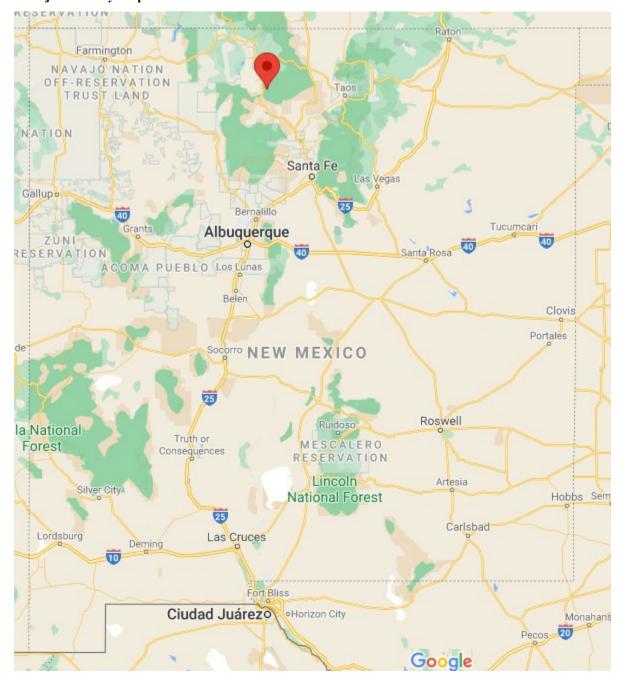


Figure 2 - Project Vicinity Map



- Clean Air Act (42 U.S.C. 7401 *et seg.*)
- Endangered Species Act (16 U.S.C. 1531 et seq.)
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations
- Executive Order 11988, Floodplain Management
- National Environmental Policy Act (42 U.S.C 4321 et seq.)
- CEQ Regulations for Implementing the Procedural Provisions of NEPA (40 CFR Part 1500 et seq.)
- Native American Graves Protection and Repatriation Act (25 U.S.C. 3001 et seq.)
- Executive Order 11593, Protection and Enhancement of the Cultural Environment
- Executive Order 11990, Protection of Wetlands
- U.S. Army Corps of Engineers' Procedures for Implementing NEPA (33 CFR Part 230; ER 200-2-2)
- Farmland Protection Policy Act (7 U.S.C. 4201 et seq.)
- Executive Order 13112, Invasive Species
- Federal Noxious Weed Act (7 U.S.C. 2814)
- Migratory Bird Treaty Act (16 U.S.C. 703 et seq.)
- Fish and Wildlife Coordination Act (16 U.S.C. 661 et. seq.)
- Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance

This Draft Environmental Assessment also reflects compliance with all applicable State of New Mexico and local regulations, statutes, policies, and standards for conserving the environment such as water and air quality, endangered plants and animals, and cultural resources.

2 - Proposed Action and Alternatives

All agencies that assist or take part in projects that utilize Federal funding are mandated by the National Environmental Policy Act (NEPA) to evaluate alternative courses of action. Alternatives can include design and/or location considerations that may mitigate or reduce impacts generated by a given action. In general, the NEPA process can provide decision makers with an evaluation of the present and future conditions regarding the implementation and timing of an action at a given site. Finally, a particular design chosen from alternatives evaluated can then be implemented in the best interest of the public and environment.

2.1 Proposed Action

A Preliminary Engineering Report (PER) was prepared for the Canjilon MDWC & MSWA and its membership to determine the feasibility of upgrading their existing water system (2, 3, and 4-inch water lines) with larger sized water lines (6-inch). A hydraulic study of the existing system has been prepared and has analyzed flows through the existing fire hydrants and pressure reducing valves. The PER outlines recommendations for providing improved fire protection, developing a five-year improvements plan, and reviewing their current rate structure.

In analyzing the hydraulic analysis, the recommended alternative would replace 4.9 miles of existing 2, 3, and 4-inch PVC water lines with new 6-inch PVC (C-900 class pipe), fittings, gate valves, pressure control valves, and fire hydrants. The older, small water lines were installed in 1973 and do not provide the necessary water supply to address fire protection nor allow for the installation of new fire hydrants. To provide for water system improvements, the work would be accomplished as described:

- -Road 280 1.2 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 280 from the existing 6-inch water line coming from the two 50,000-gallon ground storage tanks to the existing 4-inch water line at the intersection of Road 280 and Road 299. The line in Road 280 would be the primary source of water from the existing ground storage tanks to the Village of Canjilon.
- -Road 295 0.2 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 295 from the intersection of Road 280 and Road 295 to the existing 6-inch water line at the intersection of Road 295 and Road 295A.
- -Road 295A 0.2 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 295A from the northern end of existing 6-inch water line to the new 6-inch water line at the intersection of Road 295A and Road 299.
- -Road 299 0.5 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 299 from the existing 4-inch water line at the intersection of Road 280 and Road 299 to the new 6-inch water line at the intersection of Road 299 and Road 301.
- -Road 293 0.1 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 293 from the new 6-inch water line at the intersection of NM 115 and Road 293 to the new 6-inch water line and existing 1.5-inch water line at the intersection of Road 293 and Road 293 A.
- -Road 293A 0.3 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 293A from the new 6-inch water line at the intersection of Road 293 and Road 293A to the new 6-inch water line and existing 3-inch water line at the intersection of Road 293A and Road 294.
- **-Road 294, 0.3 mi. of new 6-inch water line**. This work would install a new 6-inch water line along Road 294 from the new 6-inch water line at the intersection of Road 293A and Road 294 to the new 6-inch water line at the intersection of Road 294 and Road 280.
- **-NM 115 0.6 mi. of new 6-inch water line**. This work would replace an existing 3-inch water line with a new 6-inch water line along a portion of NM 115 from the intersection of Road 293 and NM 115 to the new 6-inch water line at the intersection of NM 115 and Road 280.
- -Road 455 0.3 mi. of new 6-inch water line. This work would replace an existing 3-inch water line with a new 6-inch water line along Road 455 south from the intersection of NM 115 and Road 295 to the existing 2-inch water line in Road 455.

- **-Road 301 0.9 mi. of new 6-inch water line**. This work would install a new 6-inch water line along Road 301 from the new 6-inch water line at the intersection of Road 280 to the new 6-inch water line at the intersection of Road 299 and Road 301. This extension would be a second primary water line to the Village of Canjilon.
- -Road 280 South 0.3 mi. of new 6-inch water line. This work would replace the existing 4-inch water line with new 6-inch water line along Road 280 from the new 6-inch water line at the intersection of Road 280 and Road 299 to the new 6-inch water line at the intersection of Road 295 and NM 115. This extension would improve flow and provide for better fire protection.

In addition to these proposed water line installation locations, a borrow, disposal, and staging area(s) have been identified and are further analyzed along with the proposed project. See Figure 1 for the Proposed Location Map and Figure 4 for site visit pictures of these areas.

2.2 Alternatives

Four alternatives (not including the recommended alternative or the No-Action alternative) were considered. Each alternative included the placement of new 6-inch water lines; however, they included different combinations of the segments described above. Based on the hydraulic analysis and design criteria, these alternatives did not meet Canjilon's need to increase water flow and provide adequate working pressures and reliable fire protection. These alternatives alone would not meet the design criteria or project purpose. Therefore, these alternatives are not further analyzed in this document.

2.3 The No-Action Alternative

Under the No-Action alternative, there would not be any Federally funded construction for water system improvements. No Federal funding would be expended and there would be no new effects to the project site or surrounding environment. Continued operation and maintenance of the existing water distribution system would occur. However, the No-Action alternative would not provide adequate water pressure for the residents of Canjilon nor provide adequate pressure for fire protection.

3 - EXISTING CONDITIONS and FORESEEABLE EFFECTS of the NO-ACTION ALTERNATIVE and PROPOSED ACTION

3.1 Physical Resources

3.1.1 Physiography, Geology and Soils

The proposed project area is located in the Village of Canjilon, Rio Arriba County, New Mexico, and is approximately 50 miles north of the City of Espanola, New Mexico (Sections 8, 17, 18 and Township 26E, Range 5E). The project planning area is located south of the Village of Canjilon along County Road 280, County Road 293, County Road 295A, County Road 295, and New Mexico State Hwy 115.

The Village of Canjilon is located in the southeastern portion of the Chama Basin, which is characterized by high mesas and low plains dissected by the Rio Chama and its ephemeral

Figure 3 - Site Visit Photos









tributaries. The Chama Basin is bordered to the north by the San Pedro Mountains, to the southeast by the Rio Grande Depression, and to the south by the Jemez Mountains. The elevation of the Village of Canjilon is approximately 7,600 feet above mean sea level.

According to the U.S. Department of Agriculture (USDA, 2021), soils that make up the majority of the project area consist of the following: Amal silt loam (AaC), 2 to 8 percent slopes; Hesperus-Pastorius Chamita, frequently flooded, complex (HpC), 0-5 percent slopes; and Elbuck-Laventana families complex, 15-40 percent slopes. There are no soils classified as farmland of statewide importance located within the proposed project area.

There would be short-term, minor adverse effects to soils during construction of the proposed project. These impacts would end upon project completion. There would be no effect to soils from the No-Action alternative.

3.1.2 Climate and Climate Change

The project area is located near Canjilon Creek in the Upper Rio Grande Basin of New Mexico. The region is classified as arid with the warmest months being June – August and the coolest months being December – February. Winter snowmelt and summer monsoons are the main sources of water in the project area.

100 12 90 10 80 70 60 Precipitation in inches 50 40 30 20 10 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec ■ Average Total Precipitation (in) 1.14 0.88 1.13 0.95 1.03 0.89 2.07 2.51 1.46 1.24 0.96 0.98 ■ Average Total Snowfall (in) 9.8 7.4 5.1 1.3 0.2 0 0 0 0 0.5 2.8 7.3 55 Average Max Temp. (F) 42.1 47 63.4 73 83.4 87.6 84.7 77.8 66.8 53.5 43.9 Average Min Temp. (F) 17.6 21.9 28.8 34.8 43.8 52.5 58.3 56.7 48.9 37.9 27.2 19.2

Figure 4 - Climate normal data for the NWS COOOP sites at Canjilon RS and Abiquiu Dam. Source: (Western Regional Climate Center, 2021)

It is difficult to say how these region wide trends are impacting the project site. We can say that the region (and likely the project site) is experiencing increasing temperatures, decreasing precipitation, and decreased streamflow.

The project site is located near Canjilon Creek; however, it is not expected to be at an increased risk for flooding in the future and any flooding that does occur would be temporary in nature. Climate change is anticipated to impact the study area primarily through temperature increases, which are projected to rise by 4 to 8°F by 2100, with extreme temperatures as much as 11°F higher as well as reductions in water supply. Both factors may lead to longer and more intense wildfire seasons.

Given projected increases in wildfire conditions (increasing temperatures, reductions in water availability) in the Upper Rio Grande Basin, the proposed project would contribute significantly to regional resilience by creating a water system that can increase the number of fire hydrants in the area.

More information regarding current climate trends and how the study area may be impacted by climate change can be found in Appendix A – Climate and Climate Change.

3.1.3 Water Resources

Precipitation in the Canjilon Creek drainage area is approximately 50,000 acre-feet with about 25 percent lost to surface runoff (Groundwater Survey, Water Resources of the Canjilon Creek Area, Canjilon Ranger District, Carson National Forest, NM, 1989). New Mexico has the fourth lowest annual average precipitation in the country, paired with a population growth rate of over 13 percent since 2000. Approximately 90 percent of the state's surface water rights are held by irrigators, thereby putting a greater demand on the water resources. Most of New Mexico's fresh water is stored as groundwater in aquifers or confining layers, with 78 percent of its residents relying upon groundwater for drinking water needs. Additionally, the State of New Mexico experiences, on average, a drought every ten years (Comprehensive Plan County of Rio Arriba, 2014).

The Canjilon MDWC & MSWA was formed in 1961 to provide potable water to the residents. Prior to the formation of the MDWC & MSWA, the residents obtained their water from shallow wells, ponds, cisterns, and ditches. Many changes and improvements have been made in the last 60 years. Currently, the water source spring is located nine miles northeast of the Village. Currently, the peak flow during the spring season is 35 gallons per minute. Flow during the low production season is not measured but has been observed to be less. No changes to production would occur from the water system improvement. The proposed 6-inch water lines would more adequately and consistently deliver water for residents and fire protection.

3.1.3.1 Surface Water

The proposed project area falls within the Rio Chama watershed, which is a part of the Rio Grande Basin. The Rio Chama watershed faces regular shortages of irrigation and domestic water due to limited groundwater supply, aging water systems, limited water storage, and water rights issues, with nearly 90 percent of the surface water leaving the region. The El Llano and El Bordo acequias are located within the proposed project area. The proposed project would cross

each acequia three times and the laterals of each several times in different locations. Although construction is planned to start after irrigation season, measures would be taken by the contractor to avoid any disturbance to irrigation from installation of the water lines and ensure continued flow of irrigation waters.

3.1.3.2 Groundwater

According to the U.S. Geological Survey (USGS, 2021), the proposed project area is located within the Cretaceous Dakota Formation sandstone aquifer, which is followed by the Morrison Formation. The Chama Basin stratigraphy ranges from the Quaternary period through the Tertiary, Cretaceous, Jurassic, and Permian periods and is approximately 6,800 feet in thickness. The Village of Canjilon is located on a gravel covered terrace cut on 1,800 feet of exposed Mancos Shale, which is characterized by 1) numerous springs, toes of landslide scarps, and hummocky terrain in the central part; 2) boulder conglomerates of El Rito Formation, talus slopes, and glacial or fluvial deposits in the northern part, providing the water source; and 3) flat alluvial terrain in the lower portion of the Canjilon Creek, which provides a 10 to 20 foot thick aquifer. The area is known for having shallow wells of 30 to 80 feet in depth, according to a previous water resources report (Groundwater Survey, Water Resources of the Canjilon Creek Area, Canjilon Ranger District, Carson National Forest, NM, 1989).

3.1.3.3 Water Quality

Section 402 of the Clean Water Act (CWA) (33 U.S.C. 1342) regulates point-source discharges of pollutants into waters of the United States and specifies that storm-water discharges associated with construction activities shall be conducted in accordance with the National Pollution Discharge Elimination System (NPDES) program. Construction activities associated with storm-water discharges are characterized by clearing, grading, and excavation, which subject the underlying soils to erosion by stormwater and result in a disturbance to one or more acres of land. The NPDES general permit guidance applies to this project because the total construction area is greater than one acre. Therefore, a Storm-Water Pollution Prevention Plan (SWPPP) is required. Standard Best Management Practices to prevent on- and off-site erosion would be incorporated in contract specifications. Short-term, minor adverse impacts from stormwater during construction are expected to be negligible. No long-term adverse impacts are expected to water resources or water quality. There would be no effect to water resources or water quality from the No-Action alternative.

Section 404 of the CWA (33 U.S.C. 1344) provides for the protection of waters of the United States through regulation of the discharge of dredged or fill material. The Corps' Regulatory Program (33 CFR Parts 320-330) requires that a Section 404 evaluation be conducted for all construction that may affect waters of the United States. There are six acequia crossings within the project area. The installation of the water lines would cross the El Llano main acequia three times and the El Bordo main acequia three times. The proposed project also would cross laterals of both acequias several times at different locations. However, proposed water lines would be bored underneath the acequias and would not affect them. There are no other waters of the United States within the proposed project area. Therefore, Section 404 of the CWA does not apply to this project, as there would be no discharge of dredged or fill material into the waters of the United States.

Section 401 of the CWA (33 U.S.C. 1341) requires that a Water Quality Certification be obtained for anticipated discharges associated with construction activities or other disturbances within waters of the United States. Section 401 of the CWA does not apply to this project, as there would be no discharge associated with construction activities or other disturbances within waters of the United States.

3.1.4 Floodplains and Wetlands

Executive Order 11988 (Floodplain Management) provides Federal guidance for activities within the floodplains of inland and coastal waters. The order requires Federal agencies to take action to reduce the risk of flood loss; to minimize the impact of floods on human safety, health, and welfare; and to restore and preserve the natural and beneficial values served by floodplains. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel 1825D of 3175 in Rio Arriba County, the proposed project area falls partially within Zone D. Zone D constitutes areas in which flood hazards are undetermined, but possible (Federal Emergency Management Agency, 2016). A 100-year (Zone A) floodplain, or areas which have a 1-percent annual chance of flooding, is located to the west and north of the project area (Federal Emergency Management Agency, 2016).

Proposed water lines would be installed within the existing road rights-of-way. Because the work would be replacing existing water lines, it would not constitute an alteration within the historical floodplain and would have no new impacts to the historical or current floodplains. During construction, there would be a minor, short-term adverse effect. No long-term adverse effects are expected to floodplains. There would be no effect to floodplains from the No-Action alternative.

Executive Order 11990 (Protection of Wetlands) requires avoidance, to the greatest extent possible, of both long- and short-term impacts associated with the destruction, modification, or other disturbance of wetland habitats. While reviewing the Information for Planning and Conservation (IPaC) database maintained by the U.S. Fish and Wildlife Service (USFWS), two types of wetlands (Freshwater Emergent Wetland and Freshwater Pond) are present in areas adjacent to the proposed water line locations. Current drawings of the proposed locations for water line installation suggests that no encroachment on potential wetland resources would occur. Proposed water lines would be installed within the existing road rights-of-way. Location of known wetlands would be added to construction drawings to ensure avoidance. Therefore, there would be no effect to wetlands from the proposed action. No effect would occur to wetlands from the No-Action alternative.

3.1.5 Air Quality, Noise, Aesthetics

Canjilon's nearest ambient air monitoring site is located at the Coyote Ranger District. Canjilon is in New Mexico's Air Quality Control Region No. 2 for air quality monitoring and Rio Arriba County is "in attainment" (does not exceed State and Federal Environmental Protection Agency air quality standards) for all criteria pollutants (NMED/AQB 2021). Air quality in the project area is generally good. The closest Class I area is the San Pedro Parks Wilderness, which is approximately 93 kilometers (58 miles) to the southwest of the project area. Class I areas are special areas of natural wonder and scenic beauty, such as national parks, national monuments, and wilderness areas, where air quality should be given special protection. Class I areas are subject to maximum limits on air quality degradation.

The project would result in a temporary but negligible increase in suspended dust particles from construction activities. Water trucks with sprinklers would be used during construction to minimize dust. A Fugitive Dust Control Permit is needed when there will be surface disturbance to three-quarters of an acre or more. Because the project would disturb more than three-quarters of an acre, the contractor would obtain an approved permit from the New Mexico Environment Department.

Background noise levels in the proposed project area are low. According to the Center for Hearing and Communication website (https://chchearing.org/noise/common-environmental-noise-levels/), a typical, quiet residential area has a noise level of 40 decibels. A residential area near heavy traffic has a noise level of 85 decibels. Heavy machinery has a noise level of 120 decibels. Normal noise within or near the project area would be of a typical, quiet residential area.

Aesthetically, the project area is characterized by several houses, existing water storage tanks, agricultural fields, and county roads.

There would be short-term, minor adverse effects to air quality, noise, and aesthetics during construction of the proposed project. These impacts would end upon project completion. There would be no effect to air quality, noise, or aesthetics from the No-Action alternative.

3.2 Biological Resources

3.2.1 Vegetation Communities

The project area is part of the Petran Montane Conifer Forest and Great Basin Conifer Forest biotic communities as described by Brown (1982). Native vegetation ranges from coniferous forest of bristlecone pine, ponderosa pine, aspen, Rocky Mountain Douglas fir, and Engelmann spruce, with mountain meadows, foothill grasslands, riparian woodlands, and upper alpine tundra, to desert and xeric shrublands, consisting of rivers, valleys, mesas, plateaus, and canyons with woodlands of pinon pine, juniper, sagebrush, alder-leaf cercocarpus, mountain shrub, grasses, herbs, cacti, and yucca.

The proposed project area is located primarily within county road rights-of-way (ROWs) and these areas are noted as containing species commonly found in disturbed sites, including cheatgrass, Siberian elm, smooth brome, tumbleweed, oakbrush, and rabbitbrush. A site visit was conducted in April 2021 by a Corps biologist and these species were confirmed along the county road ROWs. The project area also includes a staging, disposal, and borrow area. Vegetation within the staging area consisted mostly of cheatgrass and annual weeds. Within the disposal and borrow area, vegetation is scattered, and mostly bare ground exists as this area has been previously used for borrow/disposal.

Reseeding of native species would occur where vegetation was disturbed during construction. Only short-term, minor adverse impacts would occur to vegetation during construction as a result of the proposed project. There would be no impacts to vegetation with the No-Action alternative.

3.2.2 Wildlife

Varieties of species are known to occur within the project area and are included in the Petran Montane Conifer Forest and Great Basin Conifer Forest biotic communities. Some of these species may include mule deer (*Odocoileus hemionus*), deer mouse (*Peromyscus maniculatus*), Southwestern Myotis (*Myotis auriculus*), Nuttall's cottontail (*Sylvilagus nuttalli*), gray-footed chipmunk (*Eutamias canipes*), gray wolf (*Canis lupus*), Rocky Mountain elk (*Cervus elaphus*), goshawk (*Accipiter gentilis*), Western Flycatcher (*Empidonax difficilis*), Warbling Vireo (*Vireo gilvus*), wild turkeys (*Meleagris gallopavo mexicana*), Townsend's Big-eared Bat (*Corynorhinus townsendii*), and coyotes (*Canus latrans*).

The project construction would take place along the side of roadways within the Village of Canjilon. Installation of water lines would be located underground. Wildlife displacement during construction would be minimal. Trenches would be inspected every morning and throughout the day to prevent small animals from being trapped. Many of the species present in the proposed project area would relocate during construction and return following construction completion. Construction activities are anticipated to take place outside of migratory bird breeding season. Therefore, short-term, minor adverse impact may occur to wildlife as a result of the project. No long-term adverse impacts would occur to wildlife as a result of the proposed action. No impact would occur to wildlife with the No-Action alternative.

3.2.3 Special Status Species

While all Federal, State, and Tribal agencies have responsibility for the protection and conservation of the plant and animal species in the proposed project area, three relevant agencies have this task as their primary responsibility. The United States Fish and Wildlife Service (USFWS), under authority of the Endangered Species Act of 1979 (16 U.S.C. 1531 *et seq.*), as amended, has the responsibility for federally-listed species. The New Mexico Department of Game and Fish (NMDGF) has the responsibility for state-listed wildlife species. The New Mexico Department of Energy, Minerals, and Natural Resources, Forestry Division has the responsibility for maintaining the list of state-listed endangered plant species. Each agency maintains a continually updated list of species that are classified, or are candidates for classification, as protected based on their present status and potential threats to future survival and recruitment into viable breeding populations. These types of status rankings represent an expression of threat level to a given species' survival as a whole and/or within local or discrete populations. Special status species listed for Rio Arriba County and that have the potential to occur in the vicinity of the proposed project area are listed in Table 1.

Table 1. Special Status Species Listed for Rio Arriba County, New Mexico, that have the Potential to Occur in the Vicinity of the Proposed Project Area.

Common Name	Scientific Name	Federal Status (USFWS) ^a	State of New Mexico Status (NMGF) ^b
Canada Lynx	Lynx Canadensis	T	
New Mexico Meadow Jumping Mouse	Zapus hudsonius luteus	E	E

Mexican Spotted Owl	Strix occidnetalis lucida	Т	
Yellow-billed Cuckoo	Coccyzus americanus	Т	
Southwestern Willow Flycatcher	Empidonax traillii extimus	E	Е
Jemez Mountains Salamander	Plethodon neomexicanus	E	Е

^aEndangered Species Act (ESA) (as prepared by U.S. Fish and Wildlife Services) status: Only Endangered and Threatened species are protected by the ESA.

E=Endangered: any species that is in danger of extinction throughout all or a significant portion of its range.

T=Threatened: any species that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

^bState of New Mexico status:

E=Endangered animal species whose prospects of survival or recruitment within the state are in jeopardy.

T=Threatened animal species whose prospects of survival or recruitment within the state are likely to become jeopardized in the foreseeable future.

Special status animal species listed by USFWS (IPaC, 2021) and NMDGF (BISON-M, 2021) that have the potential to, but are not anticipated to, occur within the project area include the following:

- Canada Lynx Prefers mature subalpine/coniferous forests with down trees for cover and denning. Most likely to persist in areas that receive deep snow and have high-density populations of snowshoe hares, the principal prey of lynx. Although preferred habitat is present nearby, it is not located within the project area. However, if Canada Lynx are present within the project area, high traffic volume on roads during construction may cause short-term, minor impacts to their movement. Due to the ease of mobility and the limited disturbance of the project, there would be no effect to Canada Lynx from the proposed project. Critical habitat, which has been designated for the Canada Lynx, is not located within or near the project area.
- New Mexico Meadow Jumping Mouse Riparian communities along rivers and streams, springs and wetlands, or canals and ditches composed of willows or alders, sedges, and forbs, and numerous species of grasses. It especially uses microhabitats of patches of tall dense sedges on moist soil along the edge of permanent water. It nests in dry soils, but uses moist, streamside, dense riparian/wetland vegetation up to an elevation of about 8,000 feet. Although the preferred habitat is scarce within the project area, some wetlands do exist. However, due to the limited disturbance of the project and ease of mobility, there would be no effect to the New Mexico Jumping Mouse. Critical habitat, which has been designated, is not located within or near the project area.
- Mexican Spotted Owl The primary selected habitat of the Mexican Spotted Owl is mixed conifer dominated by Douglas-fir, pine, or true-fir (Abies) and pine-oak forests. Secondarily selected habitats include such features as steep, narrow canyons with cliffs and a perennial water source. Such canyon habitats generally include conifer or riparian forests, or clumps of trees, but may be sparsely vegetated. Areas chosen for their

contiguous forests are strongly selected for old-growth forests or forests that have more complex structure than surrounding forests. Preferred habitat does not exist within or near the project area. Therefore, due to the limited disturbance of the project and the lack of preferred habitat in the project area, there would be no effect to the Mexican Spotted Owl. Critical habitat, which has been designated for the Mexican Spotted Owl, is not located within or near the project area.

- Yellow-billed Cuckoo Prefers wooded habitat with dense cover and water nearby, including woodlands with low, scrubby vegetation, overgrown orchards, abandoned farmland, and dense thickets along streams and marshes. Nests are often placed in willows along streams and rivers, with nearby cottonwoods serving as foraging sites. Breeds in riparian woodlands with dense, understory vegetation. The cuckoo may fly over the construction area; however, due to the ease of mobility and the limited disturbance of the project, there would be no effect to the Yellow-billed Cuckoo. Critical habitat, which has been designated for the Yellow-billed Cuckoo, is not located within or near the project aera.
- Southwestern Willow Flycatcher Occurs in riparian habitats along rivers, streams, or other wetlands, where dense growths of willows, Baccharis, arrowweed, tamarisk, or other plants are present, often with a scattered overstory of cottonwood (NMDGF 2010). Preferred habitat does not exist within or near the project area. Therefore, due to the limited disturbance of the project and the lack of preferred habitat in the project area, there would be no effect to the Southwestern Willow Flycatcher. Critical habitat, which has been designated for the Southwestern Willow Flycatcher, is not located within or near the project area.
- Jemez Mountains Salamander Strictly terrestrial and predominantly inhabits mixed-conifer forest, consisting primarily of Douglas fir (*Pseudotsuga menziesii*), blue spruce (*Picea pungens*), Engelman spruce (*P. engelmannii*), white fir (*Abies concolor*), limber pine (*Pinus flexilis*), Ponderosa pine (*P. ponderosa*), Rocky Mountain maple (*Acer glabrum*), and aspen (*Populus trmuloides*). Although pure stands of Ponderosa pine may not be considered ideal habitat, the species has occasionally been found in this habitat. The species has also occasionally been found in spruce-fir and aspen stands, and high-elevation meadows. However, these habitat types have not been adequately surveyed so the extent to which salamanders use these habitats is not fully known. Preferred habitat does not exist within or near the project area. Therefore, due to the limited disturbance of the project and the lack of preferred habitat in the project area, there would be no effect to the Jemez Mountains Salamander. Critical habitat, which has been designated for the Jemez Mountains Salamander, is not located within or near the project area.

In addition, the New Mexico Department of Energy, Minerals, and Natural Resources, Forestry Division has the responsibility for maintaining the list of State-listed Endangered plant species. The State species list indicates that the following three status plant species occur in Rio Arriba County: the Toas springparsley (*Cymopterus spellenbergii*), Clover's cactus (*Sclerocactus cloverae*), and Great Plains Lady's tresses (*Spiranthes magnicamporum*). They are each listed by the State of New Mexico Division of Forestry as an endangered plant on the New Mexico Rare

Plant Technical Council website (last updated 17 September 2021). Although these plants are known to exist in Rio Arriba County, they are not likely to occur within the project area. The preferred site condition of these plants is not present within or near the project area. There was no presence of these species during the site visit to the project area. Therefore, there would be no effect to the endangered plants by the proposed project or the No-Action alternative.

3.3 Cultural Resources

Under Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), all Federal agencies are obligated to consider the impacts of their undertakings on historic properties. The Section 106 process includes the identification of historic properties that might be affected by a project, the evaluation of those properties, determinations of effect on those properties, consultation with various parties (including the New Mexico State Historic Preservation Officer [SHPO] and Tribes) about those effects, and resolution of any adverse effect on historic properties. Historic properties are defined as any property that meets the criteria for eligibility for the National Register of Historic Places. As such, the identification and evaluation of historic properties (including archaeological sites, historic buildings, and other features constructed or modified by humans in the past) is an important component of this project.

The proposed project is within the Chama District of the Northern Rio Grande archaeological region (Cordell 1979). There is a long history of human occupation in the Canjilon area and broader Chama watershed, extending from more than 10,000 years ago to the present day. The prehistory and history of the Chama area are divided by archaeologists into the following periods, with associated dates:

Paleoindian: c. 12,500-5500 BC
Archaic: 5500 BC-AD 400/600

Ancestral Pueblo: AD 400/600-AD 1540
Developmental Period: AD 400/600-1200

Coalition Period: AD 1200-1325
Classic Period: AD 1325-1540
Historic: AD 1540-Present

Each of these periods is characterized by different lifeways, subsistence strategies, and technologies. These periods can be grouped into two major divisions: Prehistoric (dating before contact with Europeans), and Historic (dating after contact with Europeans).

While there are abundant archaeological sites documented in the area around Canjilon, very little archaeological survey has been previously conducted within Canjilon itself. Review of the New Mexico Cultural Resources Inventory System (NMCRIS), the state's central database of archaeological investigations, showed no known archaeological sites within the project's area of potential effect (APE), but the vast majority of the APE had not been surveyed. Corps archaeologists therefore conducted an archaeological survey of the APE for the proposed project on May 28, 2021. The survey area included all the proposed water line alignments where any ground disturbance would occur, as well as the proposed staging, borrow, and disposal areas.

Three historic properties were identified during the survey: two currently operating acequias (the El Bordo acequia [HCPI 31055] and the El Llano acequia [HCPI 32116]), and a newly discovered archaeological site (LA 199443) near the proposed borrow area. (These acequias were originally referred to as HCPI 52077 and 52078 in earlier correspondence, but number were reassigned after consultation with the State Historic Preservation Office (SHPO) was underway; see Appendix B for more details). The archaeological site is a small scatter of lithic artifacts consisting of 32 pieces of lithic debitage dominated by unmodified obsidian flakes and a single chert flake. The site contains no distinctive artifacts that allow us to assign a date or cultural affiliation. While the site is small and lacks diversity in artifact types, it has potential for intact cultural deposits due to the depth of sediments in that location. The Corps therefore determines that the site is eligible for the National Register of Historic Places for its potential to yield information about prehistory. As a result of this survey, the location of the proposed borrow area was modified to avoid this archaeological site.

The El Bordo and El Llano acequias are both in active use and intersect the proposed project alignment in multiple locations of both the main acequias and various laterals. Due to their association with traditional agricultural practices and the history of traditional agriculture in the Chama Valley, the Corps considers both of these acequias to be eligible historic properties. In order to avoid impacts to the acequias—either to their form or to their continued ability to function—construction of the proposed water line will bore under all acequia crossings and will avoid any direct impacts to the acequia ditches themselves.

Because the proposed project has been designed in order to avoid the archaeological site LA 199443 and bore underneath the existing acequia alignments for all crossings, the Corps determines that the project would have **no adverse effect** to historic properties. Pursuant to Section 106 of the NHPA, the Corps consulted with the New Mexico SHPO and with Tribes who have interests in the project area on this determination. SHPO concurred with our determinations, and the Pueblo of San Ildefonso responded that they had no concerns. No other Tribal responses were received. Consultation with the acequia associations is underway as part of the review of this environmental assessment. Documentation of Section 106 consultation is presented in Appendix B. There would be no effect to historic properties from the No-Action alternative.

3.4 Environmental Engineering

To identify and document the recognized environmental conditions (i.e., hazardous, toxic, and radioactive waste (HTRW)) in connection with the proposed project, a Phase I Environmental Site Assessment (Phase 1 ESA) for forestland or rural property was conducted by the Corps. The Phase 1 ESA was developed following American Society for Testing and Materials (ASTM) guidance (E2247-16). Environmental regulatory records, historic aerial photographs, site reconnaissance, and interviews were used to assess the historic and existing environmental conditions within the project area and buffer.

The Phase 1 ESA has revealed no evidence of recognized environmental concerns within or near the proposed construction project. The Phase 1 ESA did not identify the presence or likely presence of any hazardous substance, or petroleum products on or near the property that indicate an existing release, a past release, or threat of a release into the ground, groundwater, or surface

water of the property. See Appendix C for Phase I ESA information as well as interviews that were conducted.

The proposed project would have no effect on known HTRW, as there are no recognized environmental concerns within or near the proposed construction project. Based on the lines of evidence derived from the Phase 1 ESA, a Phase II investigation (ASTM E1903) is not warranted at this time. If areas of concern or contaminants are identified, construction shall be postponed, and the Corps will coordinate with the Canjilon MDWC & MSWA to determine the appropriate course of action. No HTRW releases are expected from the proposed action, therefore, no significant effects are expected.

The No-Action alternative would have no effect on known HTRW, as there are no recognized environmental concerns within or near the proposed construction project.

3.5 Socioeconomic Considerations and Land Use

The Village of Canjilon is located in Rio Arriba County, New Mexico, and is approximately 50 miles north of the City of Espanola, New Mexico (Sections 8, 17, 18 and Township 26E, Range SE). According to the U.S. Census Bureau, there were 256 people in Canjilon in July 2015. The ethnic distribution within Rio Arriba County is approximately 71.5 percent Hispanic or Latino, 18.5 percent native American, 6.5 percent Caucasian, 1 percent African American, and 0.5 percent Asian, with the remainder split between Native Hawaiian and other Pacific Islander populations or mixed race. Nearly 13 percent of residents under age 65 have reported disabilities, and 6.5 percent are registered veterans (U.S Department of Commerce, 2021). According to the U.S. Census Bureau, for the current year, the median household income is \$40,185, and there are 163 housing units in Canjilon (U.S. Census Bureau, 2021).

General land use within the area of the proposed project includes residential, agricultural, grazing, hunting, fishing, gathering, and transportation. The proposed project would take place entirely within existing road rights-of-way. The proposed project would not affect existing land use or socioeconomic resources in the project area.

3.6 Human Health and Safety

The Canjilon MDWC & MSWA was formed in 1961 to provide potable water to the residents. The association began with 25 connections and has grown to 168 connections in 2016. The existing water lines are small (2- to 4-inch) and were installed nearly 45 years ago. Due to the aging infrastructure and issues with current water pressure, these lines need to be replaced. In addition, fire protection is greatly affected due to these issues. The proposed project would allow for consistent and adequate water pressure for drinking water as well as fire protection. The Village of Canjilon has experienced growth within the last twenty years and the proposed water line improvements are designed to handle future growth of the Canjilon area. Therefore, human health and safety would be beneficially affected due to the proposed project. Under the No-Action alternative, the water distribution system would continue to have problems with pressure and fire protection would be minimal.

3.7 Economic Justice

Executive Order 12898 (Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, February 11, 1994) was designed to focus the attention of federal agencies on the human health and environmental conditions of minority and low-income communities. It requires federal agencies to adopt strategies to address environmental justice concerns within the context of agency operations and proposed actions. In an accompanying memorandum, President Clinton emphasized that existing laws, such as the National Environmental Policy Act (NEPA), should provide an opportunity for federal agencies to assess the environmental hazards and socioeconomic impacts associated with any given agency action upon minority and low-income communities. In April of 1995, the EPA released guidance document entitled Environmental Justice Strategy: Executive Order 12898. In short, this document defines the approaches by which the EPA will ensure that disproportionately high environmental and/or socioeconomic effects on minority and low-income communities are identified and addressed. Further, it establishes agency wide goals for all Native Americans with regard to Environmental Justice issues and concerns.

The Village of Canjilon Water System Improvements Project would be conducted under Section 595 of the Water Resources Development Act of 1999 (Public Law 106-53) as amended. This program is largely intended to provide needed assistance (technical, financial, etc.) to communities in which water resources are degrading and in need of improvement. This project would benefit an area within a minority and low-income community. The improvements to the water lines would benefit the entire Village of Canjilon. These improvements would assure consistent and adequate pressure to the water system as well as provide fire protection.

For the reasons mentioned above, the proposed project would have no adverse impacts on minority and low-income populations. Under the definition of Executive Order 12898, there would be no adverse environmental justice impacts under the proposed action.

4 - Conclusion and Summary

The action evaluated in this Draft EA addresses the method for and potential effects of the proposed water system improvements project.

The water system improvements consist mainly of installing new water lines. These water lines would be installed within the existing road rights-of-way. Impacts to the environment would be non-significant and short-term. The water system improvements would benefit the water delivery for the Village of Canjilon. Therefore, the project would not significantly affect the quality of the human environment and is recommended for implementation.

5 - Preparation, Consultation, and Coordination

5.1 Preparation

This Draft EA was prepared for the Mutual Domestic Water Consumers and Mutual Sewage Works Association by the U.S. Army Corps of Engineers, Albuquerque District (Corps). Personnel primarily responsible for preparation include:

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Appendix A

Climate and Climate Change

CANJILON WATER SYSTEM IMPROVEMENTS PROJECT

Rio Arriba County, New Mexico Section 595



APPENDIX A: Climate and Climate Change

Canjilon Water System Improvements Project Section 595 Rio Arriba County, New Mexico

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Introduction and Guidance

The Canjilon Water System area is located in the Village of Canjilon, Rio Arriba County, New Mexico, and is approximately 50 miles north of the City of Espanola, New Mexico. The priority of the proposed project is to provide consistent and adequate pressure to the water system and its existing customers. The project will include replacing approximately 4.9 miles of existing 3-inch PVC water lines with new 6-inch PVC, fittings, gate valves, pressure control valves, and fire hydrants. The old 3-inch PVC water lines were installed in 1973 and do not provide the necessary water supply to address fire protection nor do they allow for the installation of new fire hydrants.

The US Army Corps of Engineers (USACE) Civil Works Program and its water resources infrastructure – built and natural, structural and nonstructural – represent a Federal investment that supports regional and national economic development, public health and safety, and national ecosystem restoration goals. The hydrologic processes underlying this water resources management infrastructure are very sensitive to changes in climate and weather. Therefore, USACE has a compelling need to understand and adapt to climate change and variability to continue providing authorized performance despite changing conditions.

Analysis of climate change impacts to all USACE undertakings is governed by the following policy and guidance:

- USACE Climate Preparedness and Resilience Policy Statement (June 2014).
- Engineering and Construction Bulletin (ECB) 2018-14, Guidance for Incorporating Climate Change Impacts to Inland Hydrology in Civil Works Studies, Designs, and Projects.

The goal of a qualitative analysis of potential climate threats and impacts to USACE hydrology-related projects and operations is to describe the observed present and possible future climate threats, vulnerabilities, and impacts of climate change specific to the study goals or engineering designs. This includes consideration of both past (observed) changes as well as potential future (projected) changes to relevant climatic and hydrologic variables.

Background

The project planning area is located south of the Village of Canjilon along County Road 280, County Road 293, County Road 295A, County Road 295, and New Mexico State Hwy 115. The Village of Canjilon is located in the southeastern portion of the Chama Basin, which is characterized by high mesas and low plains dissected by the Rio Chama and its ephemeral tributaries. The Chama Basin is bordered to the north by the

San Pedro Mountains, to the southeast by the Rio Grande Depression, and to the south by the Jemez Mountains. The elevation of the Village of Canjilon is approximately 7,600 feet above mean sea level. The climate of the Rio Chama region is warmer and drier at the lower elevations and colder and wetter in the higher areas. Winter precipitation occurs mostly in the form of snow, especially in the northern part of the region, and summer precipitation normally comes in brief but often intense thunderstorms (monsoons).

The Village of Canjilon installed a 50,000-gallon ground storage tank in 1973 to store water from an infiltration gallery along Canjilon Creek. In 1986 the Canjilon Creek water source was abandoned (due to silt clogging) and the water source line was moved 3 miles north. In 1994 the 1986 water source was abandoned due to high turbidity and the water source line was extended 6 miles to a spring where an infiltration gallery currently provides water for the Village of Canjilon Association. Currently the peak flow during the spring season from the water source to the 50,000-gallon storage tank is approximately 35 gallons per minute. (Cheney Walters Echols Inc. Engineers and Surveyors, 2017)

The primary purpose of the Canjilon Water Improvements Project is to provide consistent and adequate pressure to the water system and its existing customers. The project will only be focused on changing existing pipe that delivers water from the 50,000-gallon storage tank to the customers. The project will not impact the water source.

Climate: Existing Conditions

The climate of the Rio Chama region is warmer and drier at the lower elevations and colder and wetter in the higher areas. The long-term annual average temperature is 43 degrees Fahrenheit (°F) at the Chama weather station and 51°F at the Abiquiu Dam station. The watershed is maintained through precipitation coming from winter snow and late summer monsoon rainfall. The majority of the precipitation comes from winter snowfall, which accumulates in the higher elevations and drains into the Rio Chama during spring melting and runoff. Winter snow is supplemented by the summer monsoons (July – September). Controls on the strength and intensity of North American Monsoon precipitation in the study area are imperfectly understood but are related to the intensity of surface heating during the summer and summer sea surface temperatures in the Gulf of Mexico and the tropical eastern Pacific. The average annual precipitation varies from 9.8 inches at Abiquiu Dam to 21.3 inches at the Chama weather station.

Current Village of Canjilon Climate

The Canjilon RS Weather Station (291389; Period of Record 1938-2016) provided the average total precipitation and the average snowfall but had insufficient temperature

data. Therefore, this analysis looked at the temperature data from the nearby Abiquiu Dam Weather Station (290041; Period of Record 1957-2016) to fill the data gap (Figure 1). Average annual maximum temperature is 64.8°F and average annual minimum temperature is 37.3°F. The warmest months are June, July, and August (average maximum temperatures 83.4°F, 87.6°F, and 84.7°F; average minimum temperatures 52.5°F, 58.3°F, and 56.7°F). The coolest months are December, January, and February (average maximum temperatures 43.9°F, 42.1°F, and 47°F; average minimum temperatures 19.2°F, 17.6°F, and 21.9°F). (Western Regional Climate Center, 2021)

The project area has an annual average precipitation totaling 15.24 inches. The snowfall average is 34.3 inches. Average precipitation near the Village of Canjilon at the height of monsoon season in August is 2.51 inches. As expected in the northern hemisphere, the majority of snowfall occurs during December, January and February. The driest month is June with on average 0.89 inches of precipitation.

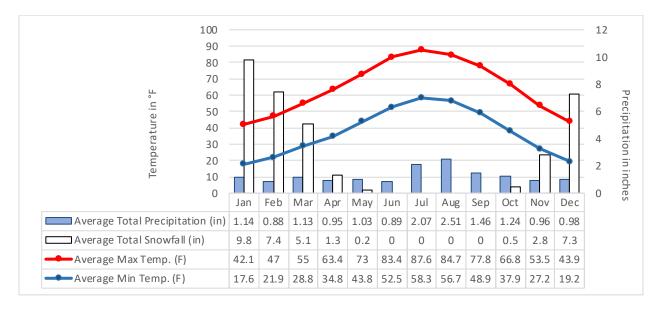


Figure 1: Climate normal data for the NWS COOP sites at Canjilon RS and Abiquiu Dam. Source: (Western Regional Climate Center, 2021)

Temperature

In the Southwest, the average annual temperature has increased by 1.6°F between 1901 and 2016 and the region has recorded more warm night and fewer cold nights between 1990 and 2016 (Figure 2; Gonzalez, et al. 2018).

Temperature Has Increased Across the Southwest

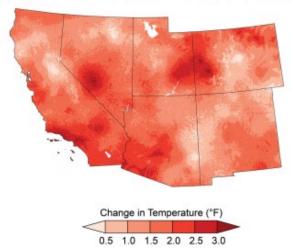


Figure 2: Temperatures increased across almost all of the Southwest region from 1901 to 2016. This map shows the difference between 1986-2016 average temperature and 1901-1960 average temperature. Source: Gonzalez, et al., 2018, Figure 25.1

The Rio Chama Basin is within the Upper Rio Grande Region. In the Rio Grande Region, there has been an increasing trend in the mean, minimum, and maximum temperatures beginning in the early 20th century. These trends are less pronounced in the fall and winter seasons and very spatially due to differences in climate and elevation across the region (USACE 2015).

Precipitation

Flows in the Upper Rio Grande (where the project site is located) are sustained by mountain snowpacks in Colorado and northern New Mexico, with large volume spring runoff peaks in May and early June, and smaller, flashier peaks during the monsoon season (July, August, and September). Recent studies indicate an increase in regional precipitation for the period 1986-2015 compared to the average for 1901-1960 period of greater than 15% in winter, summer and fall, and decline in spring precipitation of a similar magnitude (Easterling, et al. 2017).

It is widely documented that increases in atmospheric temperatures have resulted in extreme rainfall increases around the world, but how this affects the highly variable North American Monsoon region is not well understood (Demaria, et al. 2019). Arriaga-Ramirez and Cavazos (2010) find statistically significant increases in the daily monsoon rainfall in the study region over the period 1960 - 1977. However, their analysis did not include the current drought that began in 2000. Analysis of 59 rain gages in southeastern Arizona have shown a statistically significant intensification of monsoon thunderstorms in that region beginning in the 1970s (Demaria, et al. 2019).

Two important variables with regard to snowpack are the quantity of precipitation falling as snow, and the amount of water contained in a given volume of snow (snow water equivalent; USACE, 2015). In the Upper Rio Grande Basin, April 1 snow water equivalent has decreased by approximately 25%, and streamflow has declined slightly in the April–July snowmelt runoff season (Figure 3; Chavarria and Gutzler 2018).

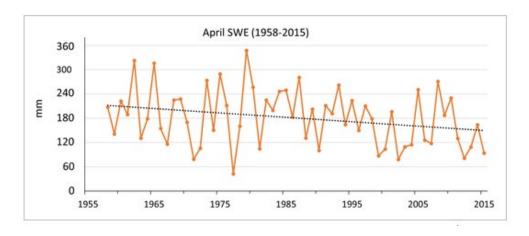


Figure 3: Time series of an eigenvector-based index of April 1 Snow Water Equivalent (SWE) created from NRCS snow course data using seven sites in the URG. April 1 is the peak of the climatological snow accumulation season in the URG. Source: Chavarria & Gutzler, 2018, Figure 7

Additionally, there is consensus that an earlier onset of snowmelt-driven streamflow has been observed in the Rio Grande Basin (USACE 2015). In the Upper Rio Grande Basin, there has been a significant increase in the snow melt prior to April 1st (traditional date of the maximum snow water equivalent (SWE; Figure 4; Musselman, et al. 2021).

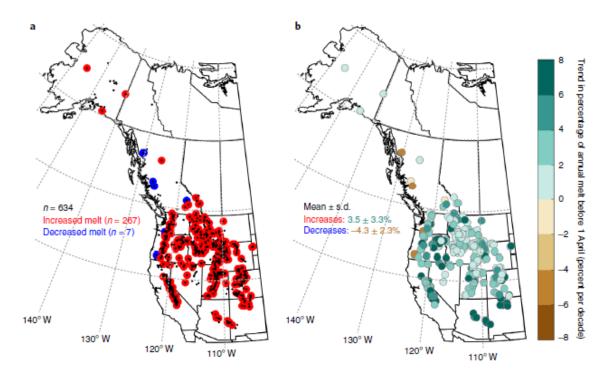


Figure 4: Snowpack telemetry stations with data records \geq 30 yr (small black circles, n = 634) that have statistically significant ($P \leq 0.05$, colored circles) historical trends in the fraction of cumulative annual melt that occurred by 1 April are shown on the maps. A) Trends towards more melt before 1 April (red circles) are 3-times more widespread than trends towards a lower 1 April (blue circles) SWE. B) The magnitude of the 1 April SWE. Source: Musselman, et al. 2021, Figure 2

Another measure of stream flow in a system is the portion of precipitation that ends up in the river each year instead of evaporating, or the runoff ratio. In the Upper Rio Grande, the runoff ratio is impacted by precipitation, temperature, winds and snowpack. Upper Rio Grande Basin runoff ratio has seen unprecedented declines from 1986 - 2015 when compared to a long, 445-year period of record (Lehner, et al. 2017).

Hydrologic Trends

The project site is located ~0.4 miles from the Canjilon Creek. The Canjilon Creek Above Abiquiu Reservoir, NM (USGS 08286650) USGS gage is located approximately 13.5 miles downstream from the project site. Analysis of this stream gage shows a slight long decline in annual peak stream flow (-11.040* water year -22700, R² = 0.1067, p-value = 0.0267) for the period of record (1965-2019; Figure 5). This change is statistically-significant (p-value < 0.05) and follows trends seen throughout the Upper Rio Grande basin.

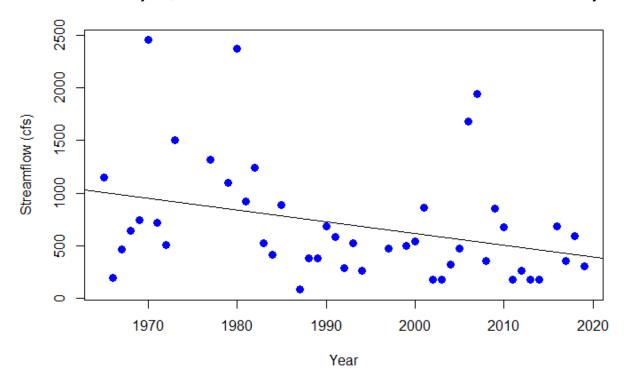


Figure 5: Annual peak instantaneous stream flow trend at Canijlon Creek Above Abiquiu Reservoir, NM (USGS 08286650).

The water source for the 50,000-gallon storage tank is a spring. The project area involves water coming from the storage tank to customers. As a result, an analysis of current hydrologic trends was not conducted using the USACE Nonstationarity Detection Tool.

Model Projections Under A Changing Climate

Temperature

Model projections indicate that surface temperatures in the Southwest will warm substantially over the 21st Century (highly likely), and warming is likely to be higher in summer and fall than in winter and spring (Cayan, et al. 2013). For the Southwest as a whole, compared to the period 1976-2005, models used in the most recent national climate assessment project (Vose, et al. 2017):

- For the 2036-2065 period, the increase in average annual temperature is projected to range from 2-4°F (lower scenario) to 4-6°F (higher scenario).
- For the period 2070-2099, the increase in average annual temperature is projected to range from 4-6°F (lower scenario) to 6-8°F (higher scenario).

 Both cold and hot extremes are anticipated to be 5-11°F warmer than currently by the end of the 21st Century. By mid-century, the number of days above 90°F per year are projected to increase by 40-50 days in West Texas.

Precipitation

In the future, the greatest precipitation changes are projected to decrease in winter and spring in the Southwest (Figure 6). For 2070–2099 relative to 1986–2015, precipitation is expected to decrease by 20% or more in the Southwest in spring. (Hayhoe, et al. 2018)

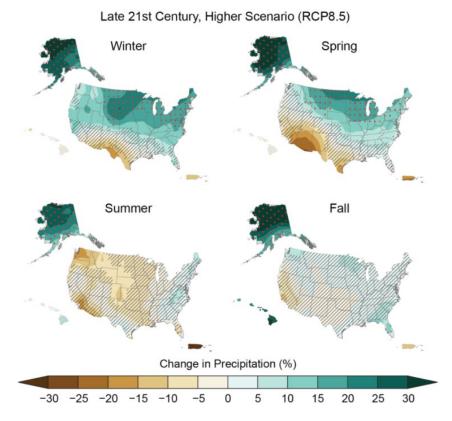


Figure 6: In the future under the higher scenario (RCP8.5), the southwestern United States are projected to receive less precipitation in the winter and spring by the period 2070–2099 (relative to 1986–2015). Parts of Areas with red dots show where projected changes are large compared to natural variations; areas that are hatched show where changes are small and relatively insignificant. Source: Hayhoe, et al., 2018; Figure 2.5

Hydrology

The USACE Climate Hydrology Assessment Tool was used to investigate potential future trends in streamflow for HUC 1302, the Rio Grande – Elephant Butte watershed, where the project site is located. Figure 7 below shows approximate location of the project area relative to the HUC 4 watersheds.

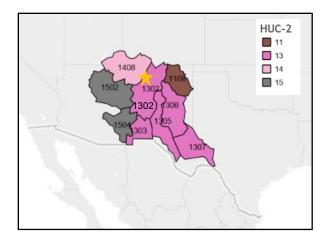


Figure 7: Reference map of HUC-4 Watersheds. The approximate project location is designated with the yellow star.

The projected future annual maximum monthly flows for the Rio Grande – Elephant Butte Basin (HUC 1302) shows a small gradual but statistically significant decrease in future annual maximum monthly flows (blue line), and a continuation of the highly variable flood conditions for the region as a whole (yellow shaded area; Figure 8). The increase in variation around the trend likely reflects increasing model uncertainty with time rather than increasing variability.

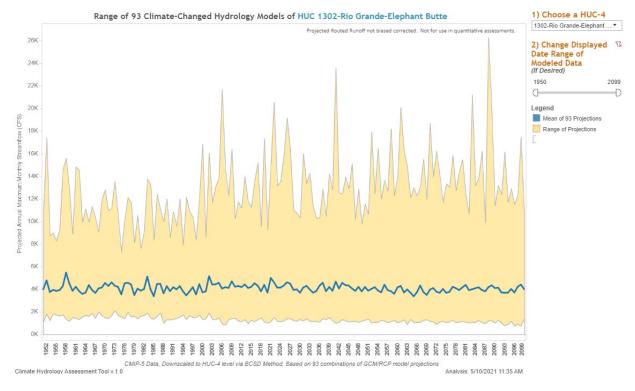


Figure 8: Blue line represents a significant slight decrease in projected annual maximum monthly flows for $HUC\ 1302\ Rio\ Grande-Elephant\ Butte\ (-4.1559x+12605.9=y,\ R^2=0.1420,\ P-value:<0.0001).$

It is important to note that small decreases in the annual maximum monthly flows provide no guidance on how the wet or dry periods might change in the future. Any flooding that may occur at the project site is expected to be temporary in nature.

Project Area Vulnerability

The project site is located within the Rio Grande - Elephant Butte (HUC4: 1302) watershed. The USACE Civil Works Vulnerability Assessment Tool was used to further investigate projected climate change impacts to the Rio Grande - Elephant Butte watershed (Figure 9). The data indicate that in future dry scenarios, urban development in the 500-year flood plain is a leading risk related to future flooding in the basin. In the future wet scenarios, flood magnification (the increase in flood size compared to present) is the leading risk related to future flooding, both locally (flash flooding due to direct precipitation) and regionally.

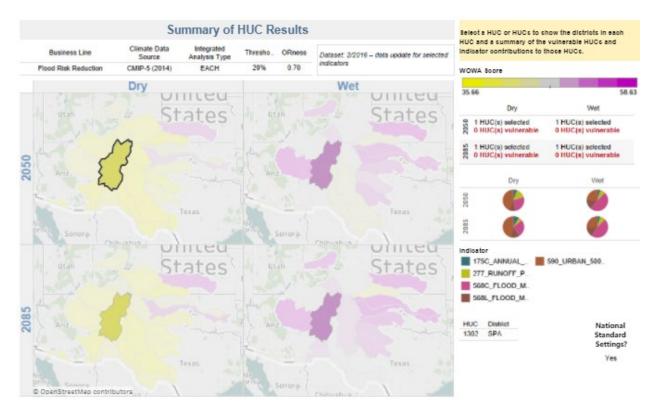


Figure 9: Watershed Vulnerability Assessment with respect to Flood Risk for HUC 1302 Rio Grande-Elephant Butte Basin (outlined in black in the top left map).

While the USACE Vulnerability Assessment tool provide information on projected future conditions throughout the basin, it is not clear at this time how well they may reflect the conditions within small project site as the Canjilon Creek watershed is located in a rural area (very little Urban development) and damages from flooding to the project site are highly unlikely.

Summary

Existing Conditions

The project area is located in the Village of Canjilon, Rio Arriba County, New Mexico. The region is classified as arid with the warmest months being June – August and the coolest months being December – February. Winter snowmelt and summer monsoons are the main sources of water in the project area.

In the Southwest, the average annual temperature has increased by 1.6°F between 1901 and 2016. In the Upper Rio Grande Basin, precipitation trends have shown a decrease in winter, spring, and summer precipitation of 5 to >15% offset by increases in fall precipitation in the same area. Since the 1970s there is some evidence that the summer monsoon storms have become more intense. Water shortages in the Upper Rio Grande Basin have become a major issue thanks in large part to reduced snowpack. The reduced snowpack is related to increases in temperature as more winter precipitation falls as rain and snowmelt-driven stream flow is starting earlier and earlier in the Rio Grande Basin.

Future Conditions

Climate change is anticipated to impact the study area primarily through temperature increases, which are projected to rise by 4- 8.0°F by 2100, with extreme temperatures as much as 11°F higher as well as reductions in water supply. Both factors may lead to longer more intense wildfire seasons. Overall, there is expected to be an increase in extreme rainfall events which will impact the occurrence and intensity flooding in the project area.

Given projected increases in wildfire conditions (increasing temperatures, reductions in water availability) in the Rio Grande – Elephant Butte watershed, the proposed project will contribute significantly to regional economic resilience by creating a water system that can increase the number of fire hydrants in the area.

List of Preparers

Name	Affiliate	Discipline/Role
Sarah Moore	USACE Planning	Plan Formulator Lead Writer

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Appendix B

Cultural Resources



DEPARTMENT OF THE ARMY ALBUQUERQUE DISTRICT, CORPS OF ENGINEERS 4101 JEFFERSON PLAZA NE ALBUQUERQUE NM 87109-3435

August 2, 2021

Planning, Project and Program Management Division Planning Branch Environmental Resources Section

Dr. Jeff Pappas State Historic Preservation Officer Historic Preservation Division Bataan Memorial Building 407 Galisteo Street, Suite 236 Santa Fe, New Mexico 87501

Dear Dr. Pappas:

Pursuant to 36 CFR Part 800, the United States Army Corps of Engineers (Corps), Albuquerque District seeks your concurrence in our determination of **no adverse effect to historic properties** for a planned project in Canjilon, NM. The Corps, in cooperation with and at the request of the Village of Canjilon (Mutual Domestic Water Consumers and Mutual Sewage Works Association) (MDWC&MSWA), is planning to make improvements to the existing water system in Canjilon. The proposed construction period is twelve months and is expected to start in October 2021. The proposed project area is located approximately 50 miles north of the City of Espanola in Rio Arriba County, New Mexico (Enclosure 1).

The rehabilitation work would be conducted under Section 595 of the Water Resources Act of 1999 (Public Law 106-53; 33 U.S.C. 2201 et seq.) as needed. The Act authorized the Corps to provide assistance in the form of design and construction for water-related environmental infrastructure, resource protection, and development projects in Idaho, Montana, rural Nevada, New Mexico, and rural Utah. Types of projects included under the Act are wastewater treatment and related facilities, stormwater retention and remediation, environmental restoration, surface water resource protection and development, and sewer and water line replacement.

The planned improvements include replacing 3-inch existing water lines with larger sized 6-inch water lines through parts of the Village. Existing water lines would be abandoned in place and would not be removed. Trenching would be conducted for the installation of new water line in most areas, but in locations where the line would cross acequia systems would instead involve boring underneath the existing acequias. Areas were selected for staging, disposal of any excess material, and for excavating and needed borrow materials (see Enclosure 1).

On May 28, 2021, Corps archaeologists conducted a 100%-coverage pedestrian survey of the approximately five (5) linear miles of proposed water line alignments, as well as block survey of the proposed staging, borrow, and disposal areas, for a total of 44.7 acres, as reported in the accompanying report (Van Hoose 2021, NMCRIS 148408). Three historic properties were identified: LA 199443, a small lithic scatter, and two acequia systems: El Bordo (HCPI 52077) and El Llano (HCPI 52078).

LA 199443 is a small scatter of lithic debitage identified

It measures 15 meters east-west by 11 meters north-south, and consists of 31 obsidian flakes, one (1) chert flake, and one historic bottle base. The lack of diversity in artifact types suggests that the assemblage may result from a small number of use events.

The overall location is within a south-facing slope on private land,

No features were observed, and while no artifacts were seen in cross-section at the terrace edge, depths of sediments in this area do not preclude the possibility of further buried materials. While the size and diversity of this assemblage are small, the fact that subsurface deposits cannot be ruled out leads the Corps to determine that the site is eligible for NRHP listing under criterion D.

The Corps believes that taking borrow material from this area would result in **no adverse effect** to LA 199443. We seek your concurrence in this determination.

The proposed project area intersects with two functioning acequia systems, El Bordo (HCPI 52077) and El Llano (HCPI 52078). These were identified in the field where they intersected or came into close proximity with the proposed water line alignments, and locations were recorded via GPS. Names for these acequia systems were provided by local sponsors. Both systems were established in the late 1800s. Using Google Earth and other aerial imagery, it was possible to connect these intersecting points to the broader acequia systems and to map portions of these systems outside of the survey area. Note that the portions of these acequias shown on this map is in no way an exhaustive maps of the systems; they were mapped only to the extent that aerial images allowed us to connect documented in-field crossings to the larger systems. The survey area intersected with acequias in a total of 23 places – 12 Bordo intersections and 11 Llano. Enclosure 4 shows the locations of these intersections; see Van Hoose 2021 for further descriptions. The Corps determines that both acequias are eligible for NRHP listing under criterion A for their association with traditional farming practices and the development of farming in the Chama basin.

Construction of the proposed project would involve boring under any acequia crossings, avoiding any direct impacts on the acequia. For this reason, the Corps determines that the proposed project would have no adverse effect to the acequias. In sum, the Corps determines that the proposed project would have no adverse effect to historic properties. We seek your concurrence with this determination.

If you have any questions or require additional information concerning the Canjilon Water System Improvements Project, please contact Jonathan Van Hoose at (505) 342-3687 or by email at jonathan.e.vanhoose@usace.army.mil; or me at (505) 342-3281 or by email at george.h.macdonell@usace.army.mil. You may also provide comments to the above address.

Sincerely,

MACDONELL.GEORGE Digitally signed by MACDONELL.GEORGE.HOWELL.1

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Date: 2021.08.02 09:15:21 -06'00'

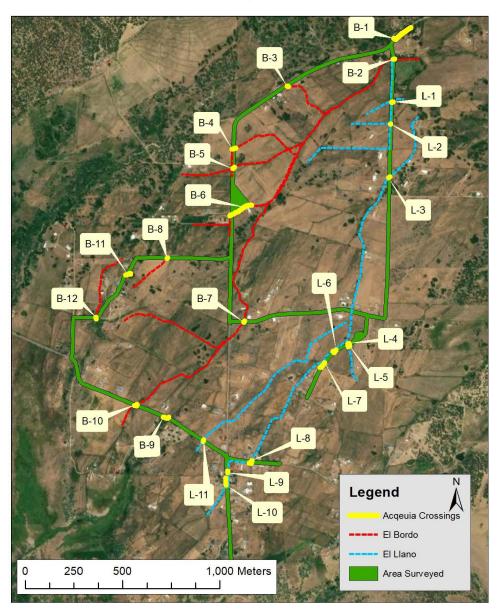
George H. MacDonell Chief, Environmental Resources Section

I CONCUR

JEFF PAPPAS NEW MEXICO STATE HISTORIC PRESERVATION OFFICER

Enclosures

Date



Enclosure 4. Map of documented acequia crossings, with partial alignments for the broader El Bordo and El Llano systems. Crossings are labeled by number, with letters reflecting either Bordo (B) or Llano (L).



DEPARTMENT OF THE ARMY ALBUQUERQUE DISTRICT, CORPS OF ENGINEERS 4101 JEFFERSON PLAZA NE ALBUQUERQUE NM 87109-3435

August 2, 2021

Planning, Project and Program Management Division Planning Branch Environmental Resources Section

Honorable William Nelson, Sr. Chairman, Comanche Nation of Oklahoma Post Office Box 908 Lawton, Oklahoma 73502

Dear Chairman Nelson:

Pursuant to 36 CFR Part 800, the United States Army Corps of Engineers (Corps), Albuquerque District seeks your comment on our determination of no adverse effect to historic properties for a planned project in Canjilon, NM. The Corps, in cooperation with and at the request of the Village of Canjilon (Mutual Domestic Water Consumers and Mutual Sewage Works Association) (MDWC&MSWA), is planning to make improvements to the existing water system in Canjilon. The proposed construction period is twelve months and is expected to start in October 2021. The proposed project area is located approximately 50 miles north of the City of Espanola in Rio Arriba County, New Mexico (Enclosure 1).

The rehabilitation work would be conducted under Section 595 of the Water Resources Act of 1999 (Public Law 106-53; 33 U.S.C. 2201 et seq.) as needed. The Act authorized the Corps to provide assistance in the form of design and construction for water-related environmental infrastructure, resource protection, and development projects in Idaho, Montana, rural Nevada, New Mexico, and rural Utah. Types of projects included under the Act are wastewater treatment and related facilities, stormwater retention and remediation, environmental restoration, surface water resource protection and development, and sewer and water line replacement.

The planned improvements include replacing 3-inch existing water lines with larger sized 6-inch water lines through parts of the Village. Existing water lines would be abandoned in place and would not be removed. Trenching would be conducted for the installation of new water line in most areas, but in locations where the line would cross acequia systems would instead involve boring underneath the existing acequias. Areas were selected for staging, disposal of any excess material, and for excavating and needed borrow materials (see Enclosure 1).

On May 28, 2021, Corps archaeologists conducted a 100%-coverage pedestrian survey of the approximately five (5) linear miles of proposed water line alignments, as well as block survey of the proposed staging, borrow, and disposal areas, for a total of 44.7 acres, as reported in *A 44.7-Acre Cultural Resources Inventory for the Canjilon Water Line Project, Rio Arriba County, New Mexico* (Van Hoose NMCRIS 148408). Three historic properties were identified: LA 199443, a small lithic scatter, and two acequia systems: El Bordo (HCPI 52077) and El Llano (HCPI 52078).

LA 199443 is a small scatter of lithic debitage identified

It measures 15 meters east-west by 11 meters northsouth, and consists of 31 obsidian flakes, one (1) chertflake, and one historic bottle base. The

lack of diversity in artifact types suggests that the assemblage may result from a small number of use events.

The overall location is within a south-facing slope on private land

edge, depths of sediments in this area do not preclude the possibility of further buried materials. While the size and diversity of this assemblage are small, the fact that subsurface deposits cannot be ruled out leads the Corps to determine that the site is eligible for NRHP listing under criterion D.

Corps believes that taking borrow material from this area would result in **no adverse** effect to LA 199443.

The proposed project area intersects with two functioning acequia systems, El Bordo (HCPl 52077) and El Llano (HCPl 52078). These were identified in the field where they intersected or came into close proximity with the proposed water line alignments, and locations were recorded via GPS. Names for these acequia systems were provided by local sponsors. Both systems were established in the late 1800s. Using Google Earth and other aerial imagery, it was possible to connect these intersecting points to the broader acequia systems and to map portions of these systems outside of the survey area. Note that the portions of these acequias shown on this map is not exhaustive; they were mapped only to the extent that aerial images allowed us to connect documented in-field crossings to the larger systems. The survey area intersected with acequias in a total of 23 places – 12 Bordo intersections and 11 Llano. Enclosure 4 shows the locations of these intersections. The Corps determines that both acequias are eligible for NRHP listing under criterion A for their association with traditional farming practices and the development of farming in the Chama basin.

Construction of the proposed project would involve boring under any acequia crossings, avoiding any direct impacts on the acequia. For this reason, the Corps determines that the proposed project would have no adverse effect to the acequias. In sum, the Corps determines that the proposed project would have no adverse effect to historic properties.

We invite your comment with respect to the proposed undertakings. In addition to any comments about the cultural aspects of the proposed projects, we also welcome comments regarding any concerns you may have regarding the environment such as natural, biological, or cultural resources; wildlife, vegetation, and special status species; air, water, or sound quality; aesthetics; health and safety; Traditional Cultural Properties (TCPs); or Indian Trust Assets that may occur within or adjacent to the proposed project area.

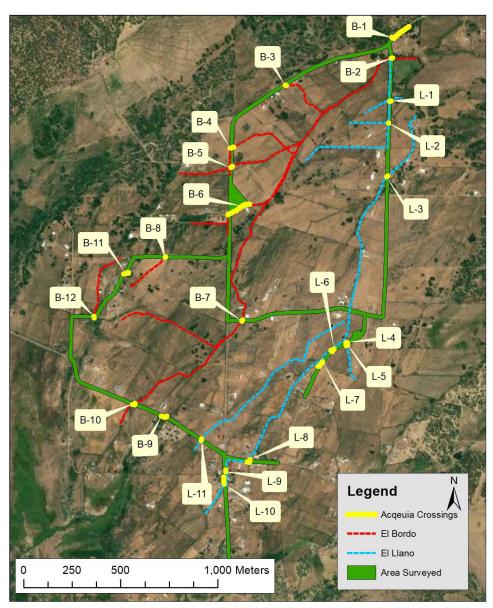
If you have any questions or require additional information concerning the Canjilon Water System Improvements Project, please contact Jonathan Van Hoose at (505) 342-3687 or by email at jonathan.e.vanhoose@usace.army.mil; or me at (505) 342-3281 or by email at george.h.macdonell@usace.army.mil. You may also provide comments to the above address.

Sincerely,

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E.HOWELL.10453196
67 Date: 2021.08.02 14:15:48 -06'00'

George H. MacDonell Chief, Environmental Resources Section

Enclosures



 $Enclosure~4.~Map~of~do~cumented~acequia~crossings, with~partial~alignments~for~the~broader~El~Bordo~and~El~Llano~systems.\\ Crossings~are~labeled~by~number~, with~letters~reflecting~either~Bordo~(B)~or~Llano~(L).$

Appendix C

Environmental Engineering

CANJILON WATERLINE IMPROVEMENT PROJECT

COUNTY RD, 280

Tierra Amarilla, NM 87575

Inquiry Number: 6461277.8

April 23, 2021

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

04/23/21

Site Name: Client Name:

CANJILON WATERLINE IMPR COUNTY RD, 280

Tierra Amarilla, NM 87575 EDR Inquiry # 6461277.8 U.S. Army Corps of Engineers 4101 Jefferson Plaza N.E. Albuquerque, NM 83435 Contact: SANTIAGO GALLEGOS



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>	Source
2016	1"=875'	Flight Year: 2016	USDA/NAIP
2011	1"=875'	Flight Year: 2011	USDA/NAIP
2006	1"=875'	Flight Year: 2006	USDA/NAIP
1997	1"=875'	Acquisition Date: October 05, 1997	USGS/DOQQ
1991	1"=875'	Flight Date: September 25, 1991	USGS
1987	1"=1000'	Flight Date: June 19, 1987	USGS
1982	1"=1000'	Flight Date: October 06, 1982	USGS
1976	1"=875'	Flight Date: September 29, 1976	USGS

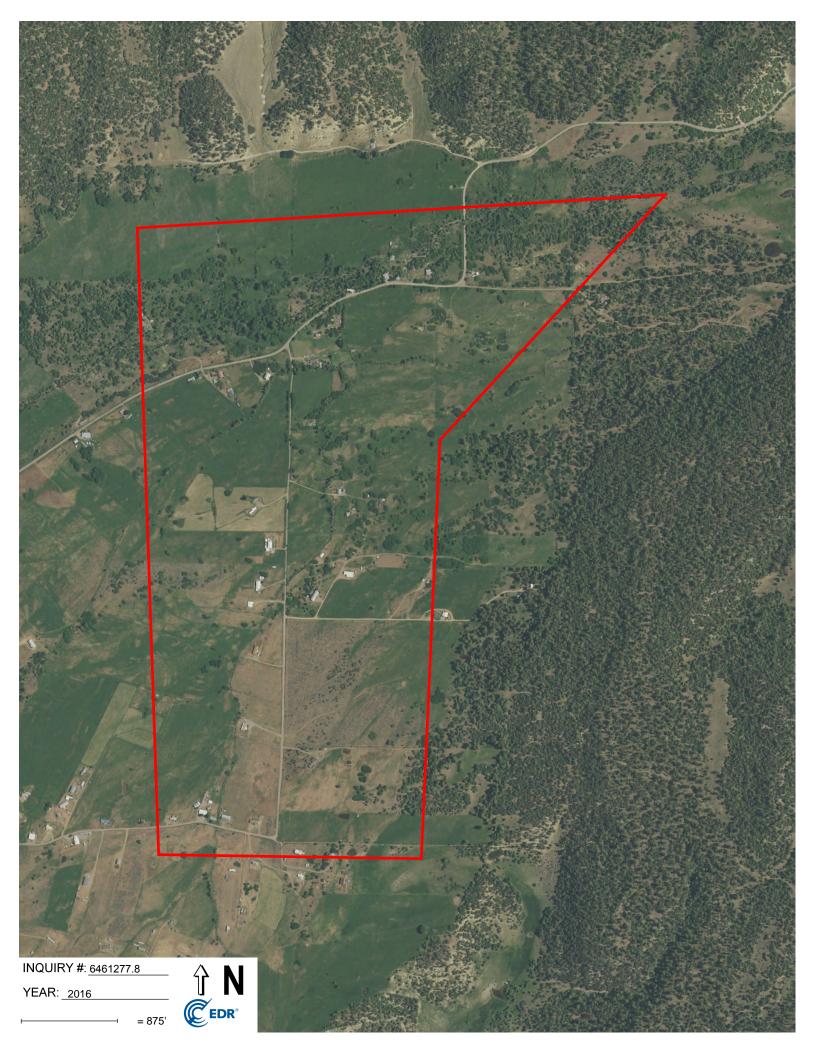
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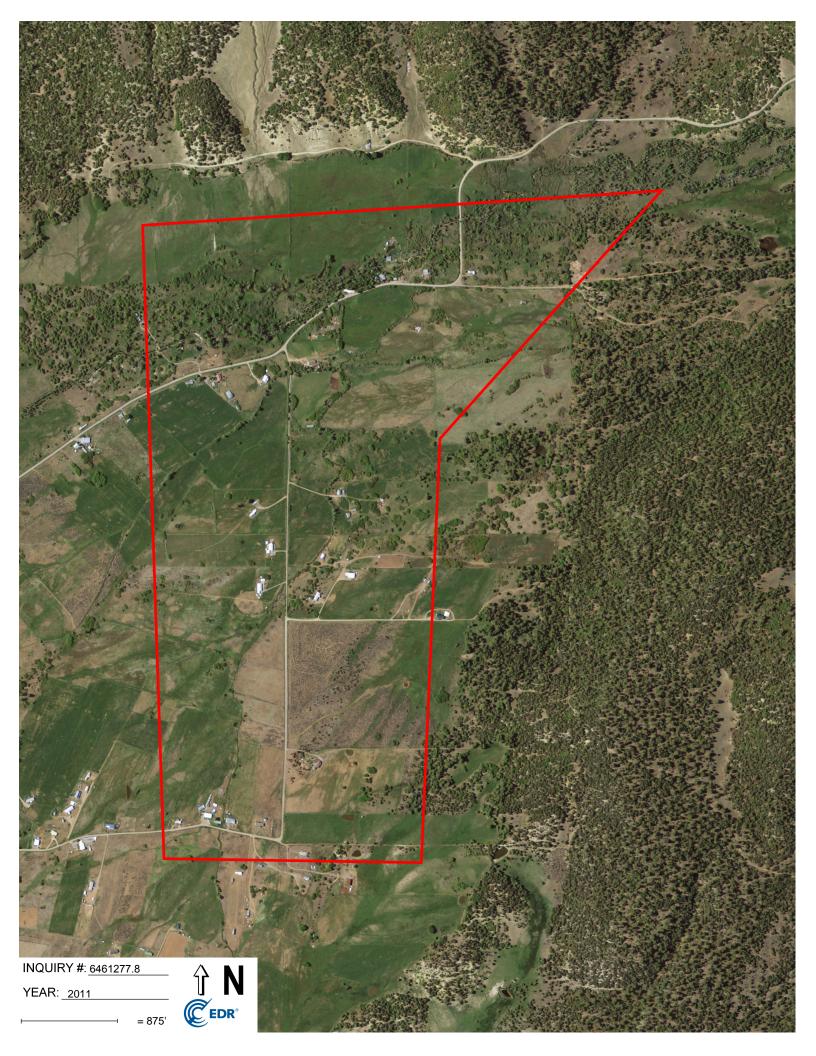
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CANJILON WATERLINE IMPROVEMENT PROJECT

COUNTY RD, 280 Tierra Amarilla, NM 87575

Inquiry Number: 6461277.2s

April 22, 2021

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

COUNTY RD, 280 TIERRA AMARILLA, NM 87575

COORDINATES

Latitude (North): 36.4997220 - 36° 29' 58.99" Longitude (West): 106.4286580 - 106° 25' 43.16"

Universal Tranverse Mercator: Zone 13 UTM X (Meters): 372048.7 UTM Y (Meters): 4040124.2

Elevation: 7963 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5977880 CANJILON, NM

Version Date: 2013

North Map: 5977888 CEBOLLA, NM

Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140612, 20140615

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: COUNTY RD, 280 TIERRA AMARILLA, NM 87575

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	ENGLISH TANK GRAZING	MESA VALLEJOS, CARSO	SCS	Lower	1706, 0.323, South

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
NPL LIENS	Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL...... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG		
RCRA-SQG	RCRA - Small Quantity Generators	
RCRA-VSOG	RCRA - Very Small Quantity Generators (Formerly	Condi

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

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS...... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal

NPL list.

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

SWF/LF..... Solid Waste Facilities

State and tribal leaking storage tank lists

LAST..... Leaking Aboveground Storage Tank Sites

LUST......Leaking Underground Storage Tank Prioritization Database

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

LTANKS..... Leaking Storage Tank Listing

State and tribal registered storage tank lists

FEMA UST...... Underground Storage Tank Listing UST..... Listing of Underground Storage Tanks

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

TANKS...... Storage Tank Facility Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY...... Recycling Facility Listing

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

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

ODI....... Open Dump Inventory IHS OPEN DUMPS...... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Spill Data

Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators / No Longer Regulated

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS..... Toxic Chemical Release Inventory System

RAATS...... RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

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

INDIAN RESERV..... Indian Reservations

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

JXO..... Unexploded Ordnance Sites

DOCKET HWC...... Hazardous Waste Compliance Docket Listing ECHO...... Enforcement & Compliance History Information

FUELS PROGRAM..... EPA Fuels Program Registered Listing

AIRS..... Airs Information

ASBESTOS..... List of Asbestos Demolition and Renovations Jobs

UIC...... Underground Injection Control Listing MINES MRDS...... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List	
RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	ık

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

State- and tribal - equivalent CERCLIS

SCS: State cleanup sites that fall under the state's Water Quality Control Commission Regulations.

A review of the SCS list, as provided by EDR, and dated 04/13/2020 has revealed that there is 1 SCS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ENGLISH TANK GRAZING Closed Date: 8/9/2011	MESA VALLEJOS, CARSO	S 1/4 - 1/2 (0.323 mi.)	1	8

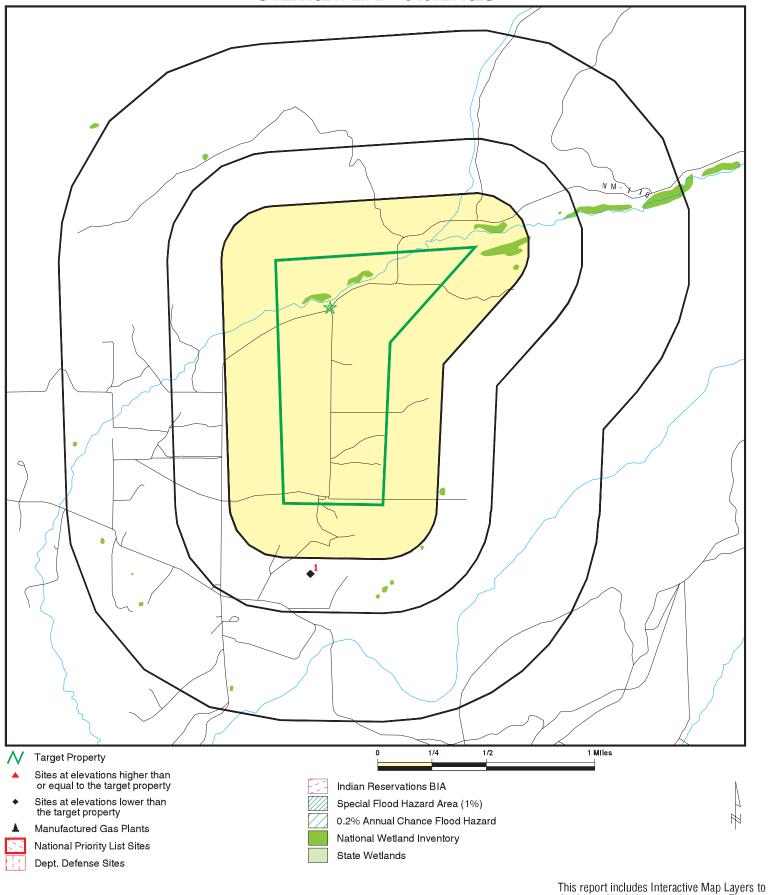
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name Database(s)

MARTINEZ COUNTRY STORE

LUST, LTANKS, UST, TANKS

OVERVIEW MAP - 6461277.2S



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

SITE NAME: CANJILON WATERLINE IMPROVEMENT PROJECT ADDRESS: COUNTY RD, 280

Tierra Amarilla NM 87575 LAT/LONG: 36.499722 / 106.428658

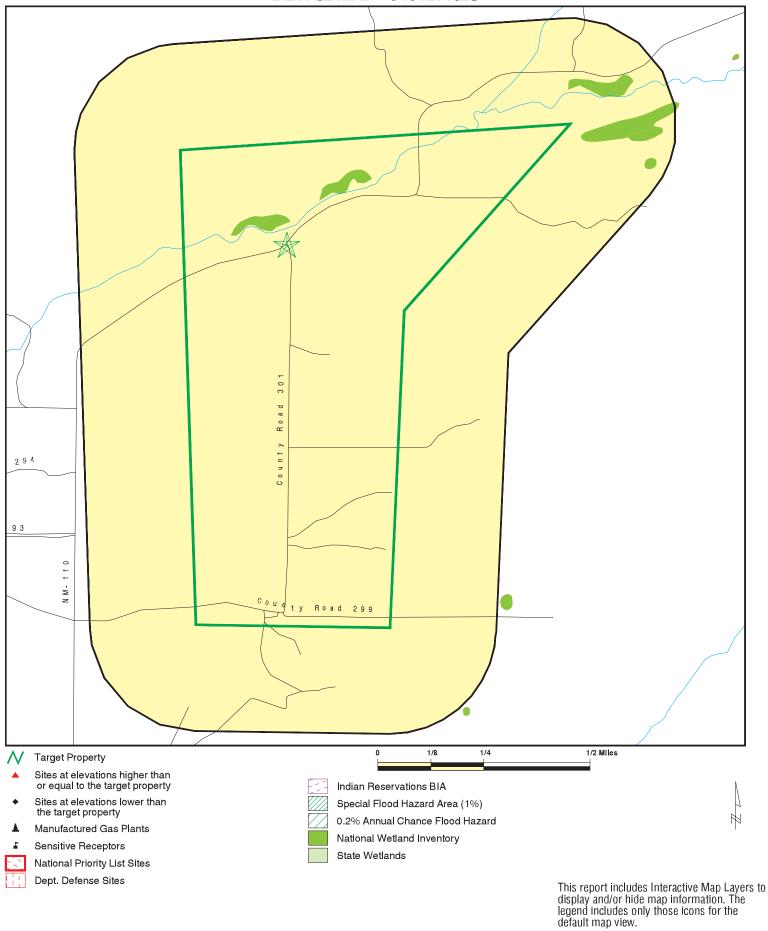
CLIENT: CONTACT: U.S. Army Corps of Engineers SANTIAGO GALLEGOS

INQUIRY#: 6461277.2s

DATE: April 22, 2021 9:53 am

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DETAIL MAP - 6461277.2S



SITE NAME: CANJILON WATERLINE IMPROVEMENT PROJECT ADDRESS: COUNTY RD, 280
Tierra Amarilla NM 87575
LAT/LONG: 36.499722 / 106.428658

CLIENT: U.S. Army Corps of Engineers
CONTACT: SANTIAGO GALLEGOS
INQUIRY #: 6461277.2s
DATE: April 22, 2021 9:53 am

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted		
STANDARD ENVIRONMENTAL RECORDS										
Federal NPL site list										
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0		
Federal Delisted NPL sit	e list									
Delisted NPL	1.000		0	0	0	0	NR	0		
Federal CERCLIS list										
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0		
Federal CERCLIS NFRAI	P site list									
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0		
Federal RCRA CORRAC	TS facilities li	st								
CORRACTS	1.000		0	0	0	0	NR	0		
Federal RCRA non-COR	RACTS TSD fa	acilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0		
Federal RCRA generator	s list									
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0		
Federal institutional con engineering controls reg										
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0		
Federal ERNS list										
ERNS	0.001		0	NR	NR	NR	NR	0		
State- and tribal - equiva	lent CERCLIS	3								
SCS SHWS	1.000 N/A		0 N/A	0 N/A	1 N/A	0 N/A	NR N/A	1 N/A		
State and tribal landfill a solid waste disposal site										
SWF/LF	0.500		0	0	0	NR	NR	0		
State and tribal leaking s	storage tank li	ists								
LAST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registere	ed storage tar	nk lists						
FEMA UST UST AST INDIAN UST TANKS	0.250 0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
State and tribal institution control / engineering control		s						
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntar	y cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
SWRCY INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL CDL US CDL	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency I	Release Repo	rts						
HMIRS SPILLS	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Red	cords							
RCRA NonGen / NLR FUDS DOD	0.250 1.000 1.000		0 0 0	0 0 0	NR 0 0	NR 0 0	NR NR NR	0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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 ROD	0.001 1.000		0 0	NR 0	NR 0	NR 0	NR NR	0 0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		Ö	NR	NR	NR	NR	Ö
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 ND	0 NR	NR	NR	0
PCB TRANSFORMER RADINFO	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		Ő	NR	NR	NR	NR	0
CONSENT	1.000		Ö	0	0	0	NR	Ö
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES ABANDONED MINES	0.250 0.250		0 0	0 0	NR NR	NR NR	NR NR	0 0
FINDS	0.230		0	NR	NR NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NŘ	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
DRYCLEANERS Financial Assurance	0.250 0.001		0 0	0 NR	NR NR	NR NR	NR NR	0
NPDES	0.001		0	NR	NR NR	NR	NR	0 0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		Ő	NR	NR	NR	NR	Õ
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		Ő	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERN	NMENT ARCHIV	/ES						
Exclusive Recovered Go	vt. Archives							
RGA LF	0.001		0	NR	NR	NR	NR	0
			•					•

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals		0	0	0	1	0	0	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID MAP FINDINGS

Direction Distance

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

ENGLISH TANK GRAZING ALLOTMENT SCS S111382907 South

MESA VALLEJOS, CARSON NF N/A

1/4-1/2 CANJILON, NM

0.323 mi. 1706 ft.

Relative: SCS:

Lower **ENGLISH TANK GRAZING ALLOTMENT** Name:

Address: MESA VALLEJOS, CARSON NF Actual:

City,State,Zip: CANJILON, NM 7828 ft. Latitude: 36.481983 -106.430287 Longitude:

Size(Acres): Not reported Contaminate Of Concern: Not reported Depth To Water(Ft): Not reported Flow Direction: Not reported Media Impacted: Not reported Regulatory Status: Not reported

Event: report of hauled livestock water containing petroleum

Discharge Date: 7/19/2011

Actions Taken: interviews and water sample indicate no soil or groundwater concerns

GWWB Status: closed 8/9/2011 Closed Date:

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CANJILON	U001387830	MARTINEZ COUNTRY STORE	COUNTY RD 455	87515	LUST, LTANKS, UST, TANKS

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/30/2020 Source: EPA
Date Data Arrived at EDR: 01/14/2021 Telephone: N/A

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/30/2020 Source: EPA
Date Data Arrived at EDR: 01/14/2021 Telephone: N/A

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

Federal CERCLIS list

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: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 03/30/2021

Next Scheduled EDR Contact: 07/12/2021 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 know 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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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: 02/09/2021 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 39

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/08/2021

Next Scheduled EDR Contact: 05/24/2021 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: 10/28/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 11/18/2020

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/23/2021

Next Scheduled EDR Contact: 06/06/2021 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: 10/28/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 11/18/2020

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/23/2021

Next Scheduled EDR Contact: 06/06/2021

Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

substances.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/15/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 7

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

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: Department of the Environment

Telephone: 505-827-2918 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021

Data Release Frequency: N/A

SCS: State Cleanup Sites Listing

State cleanup sites that fall under the state's Water Quality Control Commission Regulations.

Date of Government Version: 04/13/2020 Date Data Arrived at EDR: 04/16/2020 Date Made Active in Reports: 07/08/2020

Number of Days to Update: 83

Source: Environment Department Telephone: 505-827-2855 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

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

SWF/LF: Solid Waste Facilities

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

Date of Government Version: 06/25/2020 Date Data Arrived at EDR: 08/10/2020 Date Made Active in Reports: 10/30/2020

Number of Days to Update: 81

Source: New Mexico Environment Department

Telephone: 505-827-0347 Last EDR Contact: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Annually

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tank Sites A listing of leaking aboveground storage tank sites.

Date of Government Version: 05/01/2006 Date Data Arrived at EDR: 05/01/2006 Date Made Active in Reports: 06/05/2006

Number of Days to Update: 35

Source: Environment Department Telephone: 505-476-4397 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Priorization 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: 08/01/2006 Date Data Arrived at EDR: 10/06/2006 Date Made Active in Reports: 11/08/2006

Number of Days to Update: 33

Source: New Mexico Environment Department

Telephone: 505-476-4397 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: No Update Planned

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

Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

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

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

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

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

LTANKS: Leaking Storage Tank Listing

A listing of leaking storage tank site locations.

Date of Government Version: 04/02/2020 Date Data Arrived at EDR: 06/30/2020 Date Made Active in Reports: 09/17/2020

Number of Days to Update: 79

Source: Environment Department Telephone: 505-476-4390 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 33

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies

UST: Listing of Underground Storage Tanks

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: 08/01/2006 Date Data Arrived at EDR: 09/27/2006 Date Made Active in Reports: 10/23/2006

Number of Days to Update: 26

Source: New Mexico Environment Department

Telephone: 505-476-4397 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

AST: Aboveground Storage Tanks List

Aboveground tanks that have been inspected by the State Fire Marshal.

Date of Government Version: 08/01/2006 Date Data Arrived at EDR: 09/27/2006 Date Made Active in Reports: 10/20/2006

Number of Days to Update: 23

Source: Environment Department Telephone: 505-476-4397 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

TANKS: Storage Tank Facility Listing

A listing of aboveground and underground storage tank site locations.

Date of Government Version: 11/19/2020 Date Data Arrived at EDR: 11/23/2020 Date Made Active in Reports: 02/08/2021

Number of Days to Update: 77

Source: Environment Department Telephone: 505-476-4390 Last EDR Contact: 02/24/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Semi-Annually

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls

Sites included in the Voluntary Cleanup listing that have Institutional Controls in place.

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/01/2021

Number of Days to Update: 78

Source: Environment Department Telephone: 505-827-2754 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/01/2021

Number of Days to Update: 78

Source: Environment Department Telephone: 505-827-2754 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

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 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Listing
A listing of targeted brownfields assessment.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/04/2020
Date Made Active in Reports: 01/22/2021
Number of Days to Lindate: 70

Number of Days to Update: 79

Source: New Mexico Environment Telephone: 505-827-0171 Last EDR Contact: 02/03/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/16/2021

Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facility Listing
A listing of recycling facility locations.

Date of Government Version: 09/02/2020 Date Data Arrived at EDR: 11/04/2020 Date Made Active in Reports: 01/22/2021

Number of Days to Update: 79

Source: Environment Department Telephone: 505-827-0197 Last EDR Contact: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Annually

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: 01/25/2021

Next Scheduled EDR Contact: 05/10/2021 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: 04/14/2021

Next Scheduled EDR Contact: 08/02/2021
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 Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 01/29/2021

Next Scheduled EDR Contact: 05/10/2021

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: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 83

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Laboratory Listing

A listing of clandestine drug labs, such as illegal methamphetamine labs.

Date of Government Version: 05/17/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/14/2018

Number of Days to Update: 27

Source: Environment Department Telephone: 505-476-6000 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

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: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 83

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Quarterly

PFAS: Per- and Polyfluoroalkyl Substances (PFAS) Data

Site locations where Per- and Polyfluoroalkyl Substances (PFAS) contamination has been detected.

Date of Government Version: 02/06/2020 Date Data Arrived at EDR: 02/07/2020 Date Made Active in Reports: 03/11/2020

Number of Days to Update: 33

Source: New Mexico Environment Department

Telephone: 505-827-2919 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 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: 12/16/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 85

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/24/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

SPILLS: Spill Data

Hazardous materials spills data.

Date of Government Version: 08/31/2020 Date Data Arrived at EDR: 09/21/2020 Date Made Active in Reports: 09/22/2020

Number of Days to Update: 1

Source: Environment Department Telephone: 505-827-0166 Last EDR Contact: 03/26/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Semi-Annually

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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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: 02/11/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 04/05/2021

Number of Days to Update: 47

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 02/17/2021

Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

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 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019

Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021

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: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/09/2021

Next Scheduled EDR Contact: 05/24/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 02/02/2021

Next Scheduled EDR Contact: 05/17/2021 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 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies

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: 12/31/2016 Date Data Arrived at EDR: 06/17/2020 Date Made Active in Reports: 09/10/2020

Number of Days to Update: 85

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/19/2021

Next Scheduled EDR Contact: 06/28/2021 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: 12/31/2018 Date Data Arrived at EDR: 08/14/2020 Date Made Active in Reports: 11/04/2020

Number of Days to Update: 82

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/02/2021

Next Scheduled EDR Contact: 05/31/2021 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: 01/20/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 60

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/20/2021

Next Scheduled EDR Contact: 08/02/2021 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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Annually

RMP: Risk Management Plans

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: 11/02/2020 Date Data Arrived at EDR: 11/12/2020 Date Made Active in Reports: 01/25/2021

Number of Days to Update: 74

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/19/2021

Next Scheduled EDR Contact: 08/02/2021 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 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

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

Next Scheduled EDR Contact: 09/01/2008

Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 03/05/2021

Number of Days to Update: 50

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 03/11/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/19/2020 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 73

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/09/2021

Next Scheduled EDR Contact: 07/19/2021 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 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Quarterly

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: 08/05/2020 Date Data Arrived at EDR: 08/10/2020 Date Made Active in Reports: 10/08/2020

Number of Days to Update: 59

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 08/02/2021 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: 12/31/2019 Date Data Arrived at EDR: 12/01/2020 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 70

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 03/05/2021

Next Scheduled EDR Contact: 06/14/2021 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: 03/02/2021

Next Scheduled EDR Contact: 06/14/2021 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: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 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.

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: 03/25/2021

Next Scheduled EDR Contact: 07/12/2021 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

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 Transporation, 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 Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 01/27/2021

Next Scheduled EDR Contact: 05/10/2021 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: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 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: 12/31/2017 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 11/20/2020

Number of Days to Update: 151

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Biennially

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 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/06/2021

Next Scheduled EDR Contact: 07/19/2021 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: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 02/02/2021

Next Scheduled EDR Contact: 05/17/2021 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 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/18/2021

Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 36 Source: American Journal of Public Health Telephone: 703-305-6451

Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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.

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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

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

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

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: 11/03/2020 Date Data Arrived at EDR: 11/23/2020 Date Made Active in Reports: 01/25/2021

Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/24/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 11/24/2020 Date Data Arrived at EDR: 11/30/2020 Date Made Active in Reports: 01/25/2021

Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 03/01/2021

Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Quarterly

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: 05/06/2020 Date Data Arrived at EDR: 05/27/2020 Date Made Active in Reports: 08/13/2020

Number of Days to Update: 78

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 02/26/2021

Next Scheduled EDR Contact: 06/06/2021 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: 02/26/2021

Next Scheduled EDR Contact: 06/06/2021 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.

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 81

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/10/2021

Next Scheduled EDR Contact: 06/21/2021 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: 02/03/2021 Date Data Arrived at EDR: 03/03/2021 Date Made Active in Reports: 04/05/2021

Number of Days to Update: 33

Source: EPA Telephone: (214) 665-2200 Last EDR Contact: 03/03/2021

Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/02/2021 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/06/2021

Next Scheduled EDR Contact: 07/19/2021 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: 11/03/2020 Date Data Arrived at EDR: 11/17/2020 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 02/26/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020

Number of Days to Update: 77

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2021

Next Scheduled EDR Contact: 07/26/2021 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: 02/17/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 33

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/17/2021

Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Quarterly

AIRS: Airs Information

A listing of facilities with Air Quality Bureau permits.

Date of Government Version: 01/04/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 04/16/2021

Number of Days to Update: 85

Source: New Mexico Environment Department

Telephone: 505-476-4339 Last EDR Contact: 04/20/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Annually

ASBESTOS: List of Asbestos Demolition and Renovations Jobs

Asbestos is a common fibrous rock found worldwide which has been used in various products for over 4500 years. It has been used in over 3000 different products such as textiles, paper, ropes, wicks, stoves, filters, floor tiles, roofing shingles, clutch facings, water pipe, cements, fillers, felt, fireproof clothing, gaskets, battery boxes, clapboard, wallboard, fire doors, fire curtains, insulation, brake linings, etc.

Date of Government Version: 01/19/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 04/13/2021

Number of Days to Update: 82

Source: New Mexico Environment Department

Telephone: 505-827-1494 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Semi-Annually

COAL MINES: Coal Mine Permits Database

New Mexico coal mines permitted under the Surface Mining Control and Reclamation Act of 1977 (SMCRA), by either the NM Mining & Minerals Division (MMD), or by the federal DOI Office of Surface Mining, Reclamation & Enforcement.

Date of Government Version: 04/18/2019 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 06/24/2019

Number of Days to Update: 5

Source: Bureau of Geology and Mineral Resources

Telephone: 505-476-3402 Last EDR Contact: 03/19/2021

Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Varies

COAL MINES 2: Coal Permit Boundaries

ESRI ArcView shapefile depicting New Mexico coal mines permitted under the Surface Mining Control and Reclamation Act of 1977 (SMCRA), by either the NM Mining & Minerals Division (MMD), or by the federal DOI Office of Surface Mining, Reclamation & Enforcement.

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/01/2021

Number of Days to Update: 80

Source: Mining & Minerals Division Telephone: 505-476-3417 Last EDR Contact: 03/17/2021

Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations. The listing may contain facilities that are no longer there, or under different management.

Date of Government Version: 01/06/2010 Date Data Arrived at EDR: 01/07/2010 Date Made Active in Reports: 02/04/2010

Number of Days to Update: 28

Source: Environment Department Telephone: 505-222-9507 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: No Update Planned

FINANCIAL ASSURANCE 1: Financial Assurance Information

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

Date of Government Version: 12/03/2012 Date Data Arrived at EDR: 01/04/2013 Date Made Active in Reports: 01/10/2013

Number of Days to Update: 6

Source: Environment Department Telephone: 505-827-0197 Last EDR Contact: 01/25/2021

Next Scheduled EDR Contact: 05/10/2021

Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information

Information for underground hazardous waste facilities. 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: 07/27/2020 Date Data Arrived at EDR: 07/28/2020 Date Made Active in Reports: 10/16/2020

Number of Days to Update: 80

Source: Environment Department Telephone: 505-476-6018 Last EDR Contact: 01/25/2021

Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Annually

NPDES: List of Discharge Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 12/29/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/02/2021

Number of Days to Update: 79

Source: Environment Department Telephone: 505-827-2918 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

UIC: Underground Injection Control Listing

The listing includes Discharge Permits (DP) with Underground Injection Control Wells, located in New Mexico.

Date of Government Version: 12/25/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/02/2021

Number of Days to Update: 79

Source: New Mexico Environment Department

Telephone: 505-827-2936 Last EDR Contact: 04/14/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019

Number of Days to Update: 3

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 02/26/2021

Next Scheduled EDR Contact: 09/10/2018 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: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 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: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

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.

Source: EDR, Inc.

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

Telephone: N/A Last EDR Contact: N/A Number of Days to Update: N/A

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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 New Mexico Environment Department in New Mexico.

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

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

Source: New Mexico Environment Department

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 New Mexico Environment Department in New Mexico.

Data Release Frequency: Varies

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: New Mexico Environment Department Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A

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.

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 Date Data Arrived at EDR: 04/29/2020 Date Made Active in Reports: 07/10/2020

Number of Days to Update: 72

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 01/29/2021

Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/08/2021

Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Annually

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.

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: Licensed Child Day Care Providers

Source: Office of Child Development

Telephone: 505-827-7946

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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service

Telephone: 505-248-6660

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CANJILON WATERLINE IMPROVEMENT PROJECT COUNTY RD, 280 TIERRA AMARILLA, NM 87575

TARGET PROPERTY COORDINATES

Latitude (North): 36.499722 - 36° 29' 59.00" Longitude (West): 106.428658 - 106° 25' 43.17"

Universal Tranverse Mercator: Zone 13 UTM X (Meters): 372048.7 UTM Y (Meters): 4040124.2

Elevation: 7963 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5977880 CANJILON, NM

Version Date: 2013

North Map: 5977888 CEBOLLA, NM

Version Date: 2013

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).

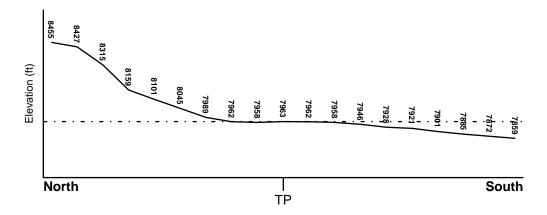
TOPOGRAPHIC INFORMATION

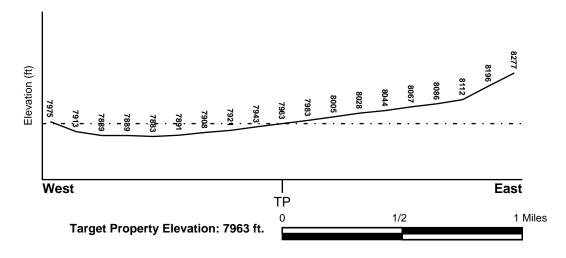
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

35039C1825D FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

35039C1450D FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

NOT AVAILABLE

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.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

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

GEOLOGIC AGE IDENTIFICATION

Era: Mesozoic Category: Stratified Sequence

System: Cretaceous

Series: Austin and Eagle Ford Groups

Code: uK2 (decoded above as Era, System & Series)

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CUMULIC UDIC HAPLOBOROLLS

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	10 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
2	10 inches	39 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.60
3	39 inches	62 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: very gravelly - sandy clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

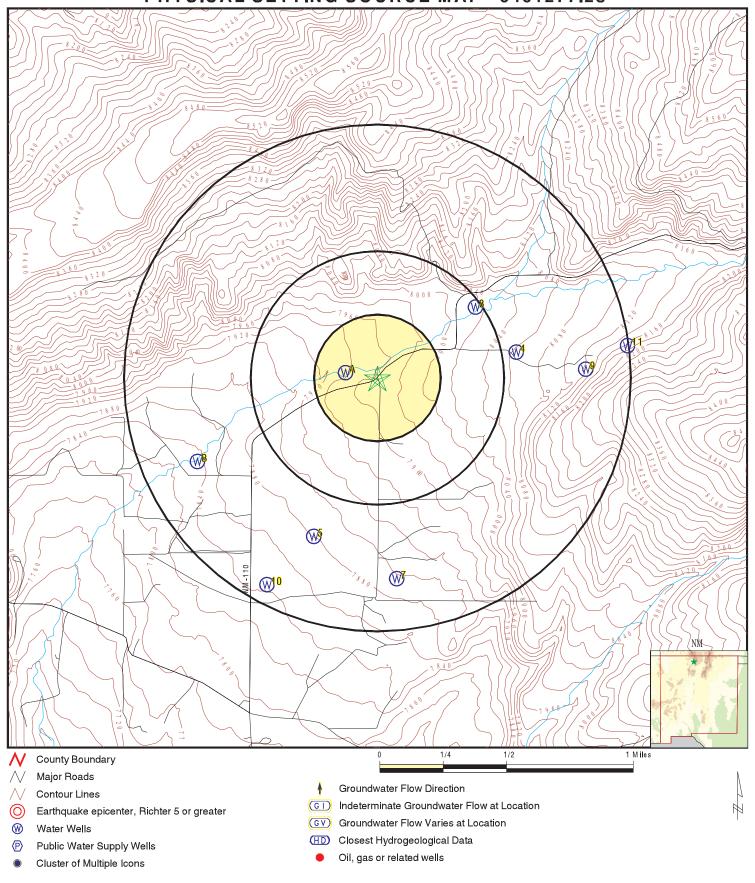
No PWS System Found

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
	NM5000000114438	0 - 1/8 Mile WNW
A2	NM500000114441	1/8 - 1/4 Mile West
3	NM500000173712	1/4 - 1/2 Mile NE
4	NM500000204300	1/2 - 1 Mile East
5	NM500000014033	1/2 - 1 Mile SSW
B6	NM500000208005	1/2 - 1 Mile WSW
7	NM500000039795	1/2 - 1 Mile South
B8	NM500000114189	1/2 - 1 Mile WSW
9	NM500000114232	1/2 - 1 Mile East
10	NM500000026835	1/2 - 1 Mile SSW
11	NM500000082021	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 6461277.2s



SITE NAME: CANJILON WATERLINE IMPROVEMENT PROJECT

ADDRESS: COUNTY RD, 280

Tierra Amarilla NM 87575 LAT/LONG: 36.499722 / 106.428658 CLIENT: U.S. Army Corps of Engineers

CONTACT: SANTIAGO GALLEGOS

INQUIRY #: 6461277.2s

DATE: April 22, 2021 9:53 am

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

POD Basin:

POD Suffix:

A1 WNW 0 - 1/8 Mile

Lower

NM WELLS NM500000114438

Surface Declaration

Not Reported

Not Reported Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

0

Well Name: Not Reported POD #: 06317 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): % Shallow:

Drilling Started: Plug Date: Elevation: Groundwater Source: Depth to Water: 0 Not Reported Well Schedule Date: Not Reported Pump Type: Not Reported Not Reported 310 Not Reported Rio Chama-Section 3-Cajilon Creek

Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Est Yield (Gal/Min): 0

Casing Size:

Pod Subbasin: Well Tag:

Not Reported Water Right Status: Permit

0

Static Level: Not Reported

Water Right Use: **IRR**

Δ2 West 1/8 - 1/4 Mile

Diversion Amt Allowed:

OSE Filing Date:

Pump Serial #:

POD Status:

Surface Water Diversion:

Well Use:

Aquifer:

Lower

NM WELLS NM5000000114441

Well Name: Not Reported POD #: 06318 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): % Shallow: 0 OSE Filing Date: Not Reported

Well Use: Not Reported Pump Serial #: Not Reported Aquifer: Not Reported Surface Water Diversion: 310 Not Reported

POD Status:

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Not Reported Well Tag:

Water Right Status: Permit

Diversion Amt Allowed:

POD Basin: Surface Declaration POD Suffix: Not Reported **Drilling Started:** Not Reported Plug Date: Not Reported Elevation: Not Reported Not Reported Groundwater Source: Depth to Water: Well Schedule Date: Not Reported Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported

Est Yield (Gal/Min): Casing Size:

Static Level: Not Reported Water Right Use: **IRR**

> **NM WELLS** NM500000173712

> > Not Reported Not Reported

> > Not Reported

Not Reported

Surface Declaration

1/4 - 1/2 Mile Higher

> POD Basin: Well Name: Not Reported POD #: 06315 POD Suffix: Land Grant: Not Reported **Drilling Started:** Plug Date: Well Completed: Not Reported Completion Proved: Not Reported Elevation:

> > TC6461277.2s Page A-8

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth (ft): 0 Groundwater Source: Not Reported

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: 310 Est Yield (Gal/Min): 0
POD Status: Not Reported Casing Size: 0

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Permit Water Right Use: IRR

Diversion Amt Allowed: 0

1/2 - 1 Mile Higher

> Well Name: Not Reported POD Basin: Rio Grande POD #: 90323 POD Suffix: Not Reported NON LAND GRANT Land Grant: Drilling Started: Not Reported Not Reported Well Completed: Not Reported Plug Date: Completion Proved: Not Reported Elevation: Not Reported

Well Depth (ft): 0 Groundwater Source: Shallow % Shallow: 100 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Not Reported Max Diversion Allowed: Not Reported Aquifer:

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:PendingCasing Size:0

Pod Subbasin:Not ReportedWell Tag:Not ReportedStatic Level:Not ReportedWater Right Status:PermitWater Right Use:EXPDiversion Amt Allowed:0

5 SSW NM WELLS NM500000014033 1/2 - 1 Mile

Well Name: Not Reported POD Basin: Rio Grande POD #: 20224 POD Suffix: Not Reported Not Reported Land Grant: **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported

Well Depth (ft): 45 Groundwater Source: Not Reported % Shallow: 100 Depth to Water: 5

Not Reported OSE Filing Date: Not Reported Well Schedule Date: Well Use: Not Reported Pump Type: Not Reported Not Reported Discharge Pipe Size: Not Reported Pump Serial #: Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin: Rio Chama (72121) Well Tag: Not Reported Static Level: Not Reported Water Right Status: Declaration

Water Right Use: PDM Diversion Amt Allowed: 3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

POD Basin:

POD Suffix:

Plug Date:

Elevation:

Drilling Started:

Depth to Water:

Groundwater Source:

Well Schedule Date:

WSW 1/2 - 1 Mile

Lower

NM WELLS NM500000208005

Rio Grande

Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

0

Well Name: Not Reported POD #: 90482
Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 0
% Shallow: 0

Well Depth (ft): % Shallow: OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Not Reported Aquifer: Surface Water Diversion: Not Reported POD Status: Not Reported Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Vater Right Status: Diversion Amt Allowed: .34

Pump Type: Not Reported
Discharge Pipe Size: Not Reported
Max Diversion Allowed: Not Reported
Fst Yield (Gal/Min): 0

Est Yield (Gal/Min): 0
Casing Size: 0

Static Level: Not Reported Water Right Use: PDM

South 1/2 - 1 Mile Lower

Water Right Use:

B8 WSW

1/2 - 1 Mile

NM WELLS NM500000039795

Rio Grande

Not Reported

Permit

POD1

Not Reported Well Name: POD #: 89918 Land Grant: NON Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): % Shallow: 0 OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Aquifer: Not Reported Surface Water Diversion: Not Reported POD Status: Pending Pod Subbasin: Not Reported Static Level: Not Reported

DOL

Drilling Started:
Plug Date:
Elevation:
Groundwater Source:
Depth to Water:
Well Schedule Date:
Pump Type:
Discharge Pipe Size:
Max Diversion Allowed:
Est Yield (Gal/Min):
Casing Size:
Well Tag:
Water Right Status:
Diversion Amt Allowed:

NM WELLS NM500000114189

POD Basin:

POD Suffix:

Well Name:
POD #:
06273
Land Grant:
Not Reported
Well Completed:
Not Reported
Completion Proved:
Well Depth (ft):

Not Reported
Not Reported
O

POD Basin: Surface Declaration
POD Suffix: Not Reported
Drilling Started: Not Reported
Plug Date: Not Reported
Elevation: Not Reported
Groundwater Source: Not Reported

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Discharge Pipe Size: Pump Serial #: Not Reported Not Reported Not Reported Aquifer: Not Reported Max Diversion Allowed:

Surface Water Diversion:310Est Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Permit Water Right Use: IRR

Diversion Amt Allowed: 0

9 East NM WELLS NM500000114232

1/2 - 1 Mile Higher

> Well Name: Not Reported POD Basin: Surface Declaration POD #: 06287 POD Suffix: Not Reported Land Grant: Not Reported **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Aquifer: Not Reported

Surface Water Diversion:310Est Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Permit Water Right Use: IRR

Diversion Amt Allowed: 0

10 SSW NM WELLS NM500000026835 1/2 - 1 Mile

Well Name: Not Reported POD Basin: Rio Grande POD #: 65268 POD Suffix: Not Reported Land Grant: Not Reported **Drilling Started:** Not Reported Not Reported Well Completed: Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported

% Shallow: 100 Depth to Water: 0

Not Reported OSE Filing Date: Not Reported Well Schedule Date: Pump Type: Well Use: Not Reported Not Reported Not Reported Discharge Pipe Size: Not Reported Pump Serial #: Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin:Not ReportedWell Tag:Not ReportedStatic Level:Not ReportedWater Right Status:PermitWater Right Use:DOMDiversion Amt Allowed:3

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

East 1/2 - 1 Mile Higher

11

NM WELLS NM500000082021

Well Name:
POD #:
O4562
Land Grant:
Not Reported
Well Completed:
Not Reported
Not Reported
Well Depth (ft):
% Shallow:
OSE Filing Date:
Not Reported

Well Depth (ft): 0
% Shallow: 0
OSE Filing Date: Not Reported
Well Use: Not Reported
Pump Serial #: Not Reported
Aquifer: Not Reported
Surface Water Diversion: Not Reported
POD Status: Not Reported
Pod Subbasin: Not Reported

Static Level: Not Reported Water Right Use: IRR

POD Basin: Surface Declaration POD Suffix: Not Reported Drilling Started: Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported Depth to Water: 0 Well Schedule Date: Not Reported Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Est Yield (Gal/Min): Casing Size: 0 Well Tag: Not Reported

Water Right Status: Not Reported Declaration

Diversion Amt Allowed: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NM Radon

Radon Test Results

Zip	Total Sites	Pct. < 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	> 20 Pci/L
87575	2	100.0	0.0	0.0	0.0

Federal EPA Radon Zone for RIO ARRIBA County: 1

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

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

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

Federal Area Radon Information for Zip Code: 87575

Number of sites tested: 2

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor 1.550 pCi/L 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Basement 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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service Telephone: 505-248-6660

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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

Water Well Database

Source: Office of the State Engineer

Telephone: 505-827-6175

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: New Mexico Institute of Mining and Technology

Telephone: 505-835-5142

RADON

State Database: NM Radon

Source: Environment Department Telephone: 505-827-1093 Radon Test Results

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

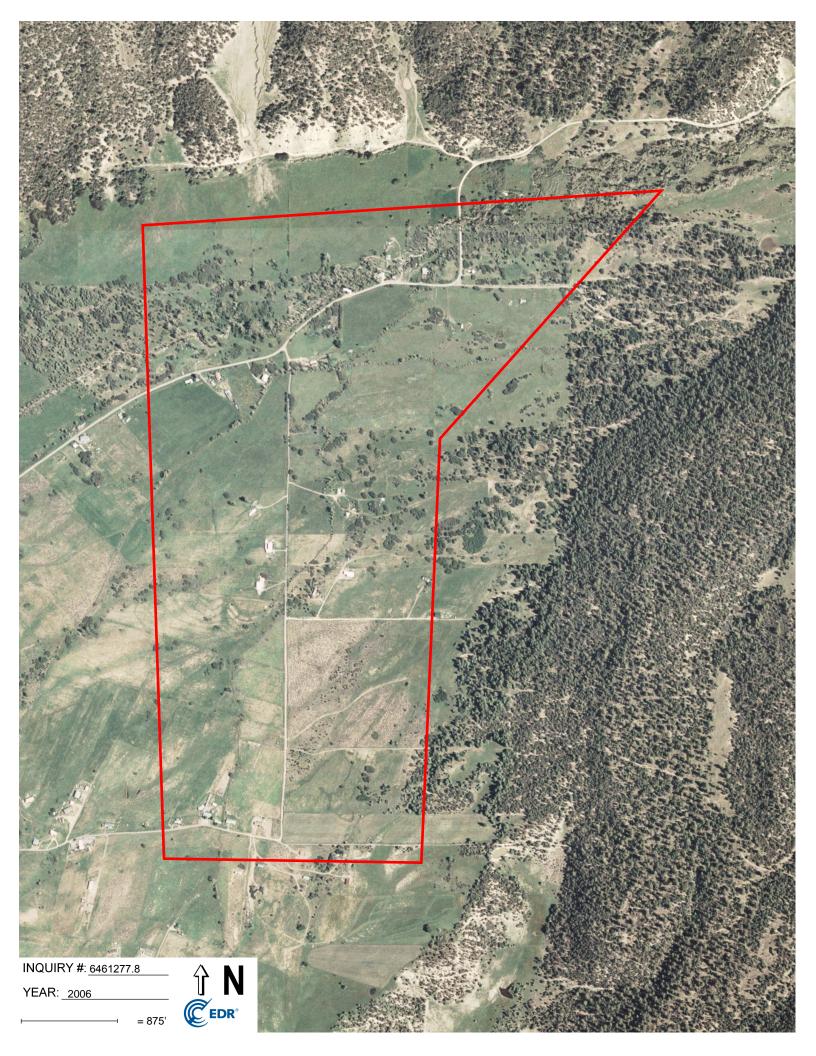
Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

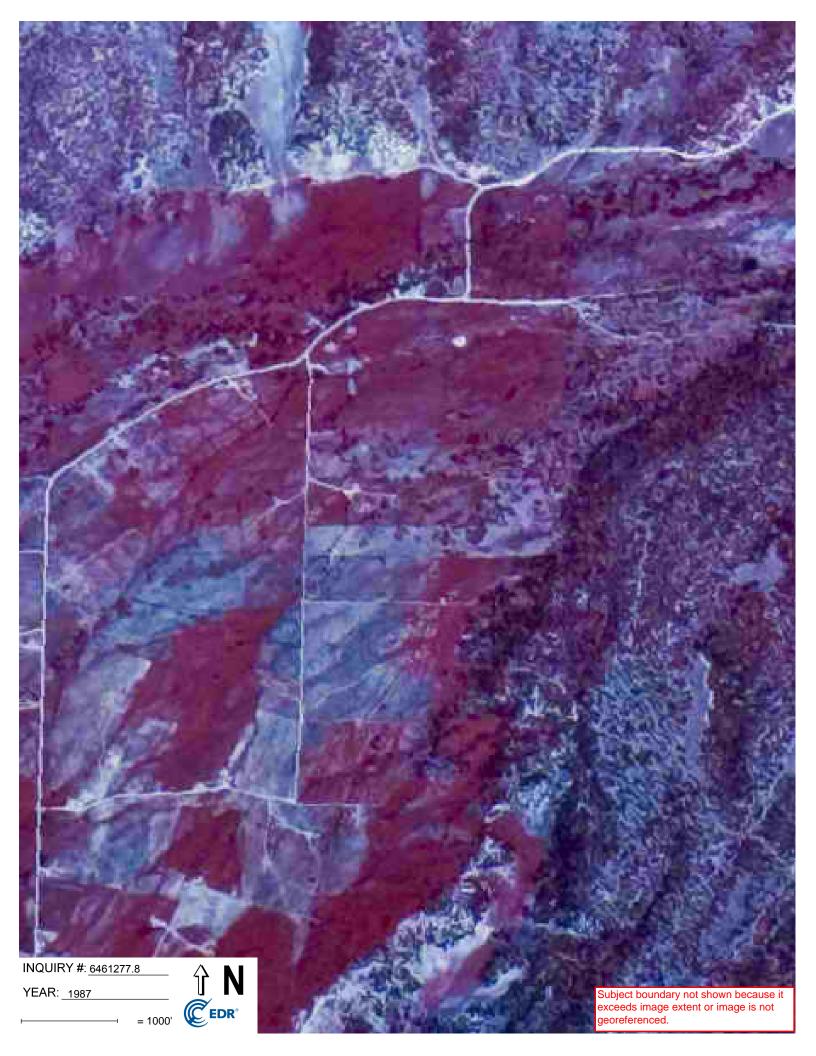
STREET AND ADDRESS INFORMATION

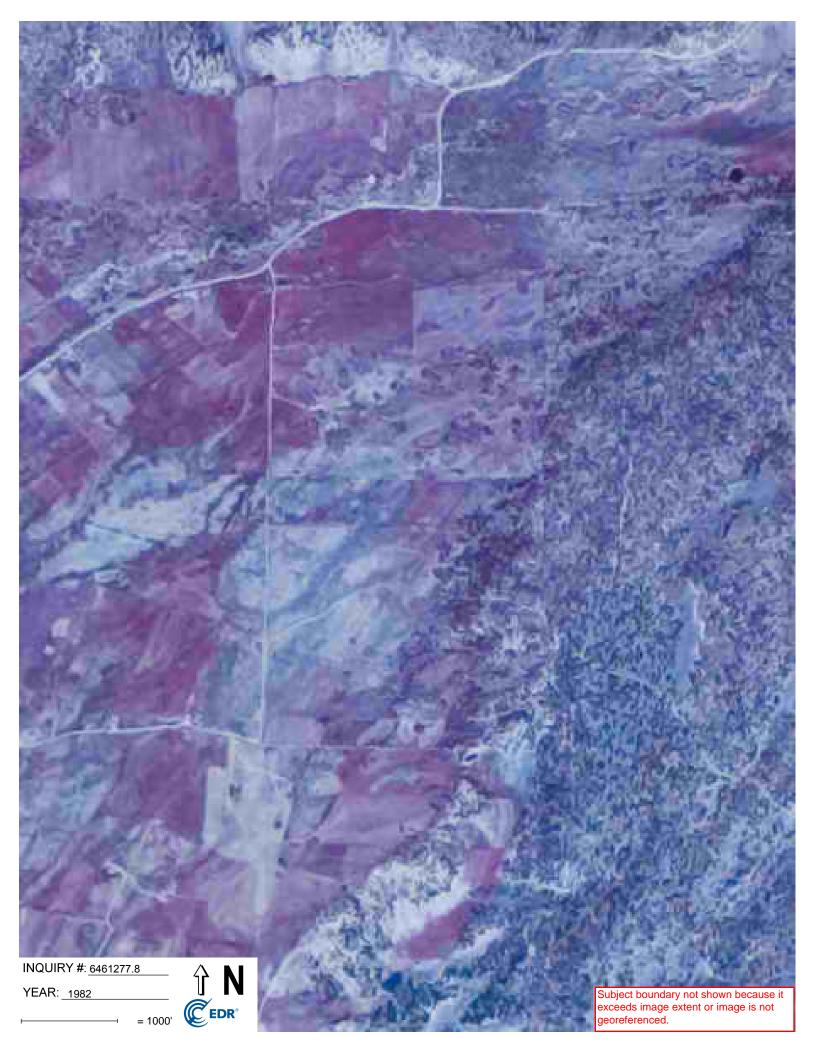
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CANJILON WATERLINE IMPROVEMENT PROJECT COUNTY RD, 280

Tierra Amarilla, NM 87575

Inquiry Number: 6461277.3

April 22, 2021

Certified Sanborn® Map Report



Certified Sanborn® Map Report

04/22/21

Site Name: Client Name:

CANJILON WATERLINE IMPR COUNTY RD, 280 Tierra Amarilla, NM 87575 EDR Inquiry # 6461277.3 U.S. Army Corps of Engineers 4101 Jefferson Plaza N.E. Albuquerque, NM 83435

Contact: SANTIAGO GALLEGOS



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

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

Certified Sanborn Results:

Certification # D0E4-4376-BA5A

PO# NA

Project CANJILON WATERLINE IMPROVEMENT

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 #: D0E4-4376-BA5A

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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CANJILON WATERLINE IMPROVEMENT PROJECT COUNTY RD, 280

Tierra Amarilla, NM 87575

Inquiry Number: 6461277.4

April 22, 2021

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

04/22/21

Site Name:

CANJILON WATERLINE IMPR COUNTY RD, 280

Tierra Amarilla, NM 87575 EDR Inquiry # 6461277.4 **Client Name:**

U.S. Army Corps of Engineers 4101 Jefferson Plaza N.E. Albuquerque, NM 83435

Contact: SANTIAGO GALLEGOS



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by U.S. Army Corps of Engineers 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 Res	ults:	Coordinates:	
P.O.#	NA	Latitude:	36.499722 36° 29' 59" North
Project:	CANJILON WATERLINE IMPR	Longitude:	-106.428658 -106° 25' 43" West
-		UTM Zone:	Zone 13 North
		UTM X Meters:	372051.79
		UTM Y Meters:	4040326.20
		Elevation:	7962.49' above sea level

Maps Provided:

2013

1995

1955

1953

1918

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Topo Sheet Key

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

2013 Source Sheets



Cebolla 2013 7.5-minute, 24000



Canjilon 2013 7.5-minute, 24000

1995 Source Sheets



Cebolla 1995 7.5-minute, 24000 Aerial Photo Revised 1990



Canjilon 1995 7.5-minute, 24000 Aerial Photo Revised 1990

1955 Source Sheets



Cebolla 1955 15-minute, 62500 Aerial Photo Revised 1952

1953 Source Sheets



Canjilon 1953 7.5-minute, 24000 Aerial Photo Revised 1951

Topo Sheet Key

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

1918 Source Sheets



Tusas 1918 30-minute, 125000



Abiquiu 1918 30-minute, 125000

W

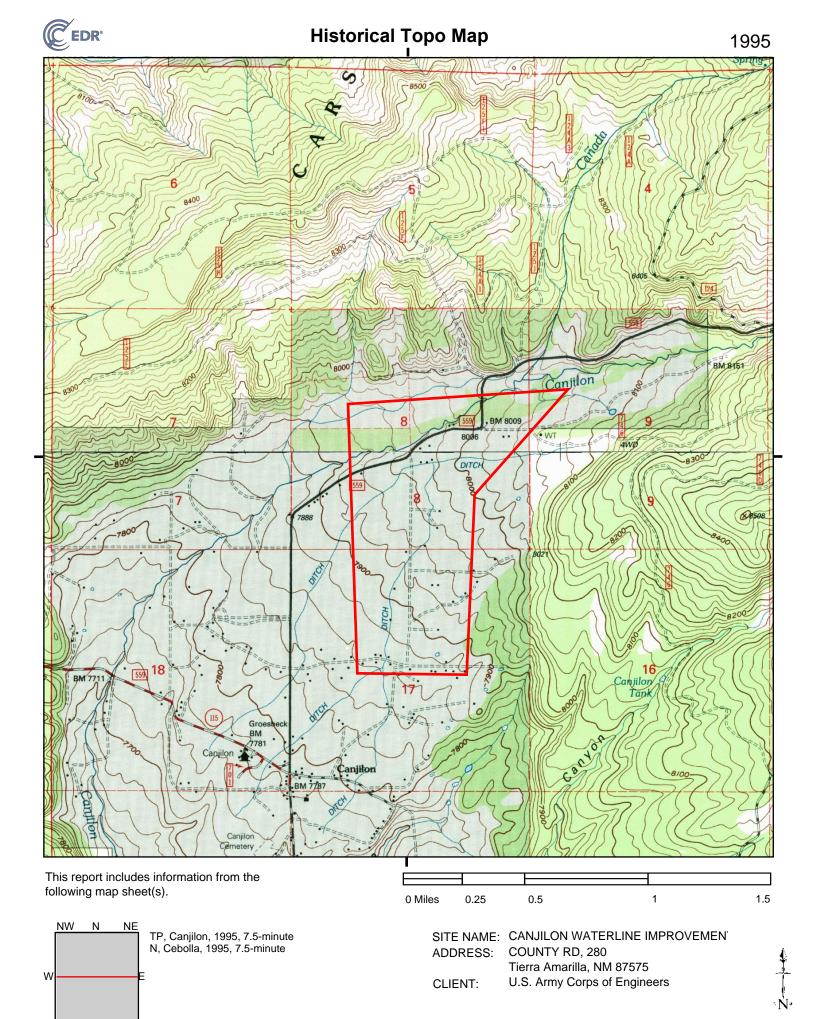
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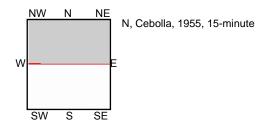
S

SE

U.S. Army Corps of Engineers

CLIENT:





0 Miles 0.25 0.5 1.5

SITE NAME: CANJILON WATERLINE IMPROVEMEN'

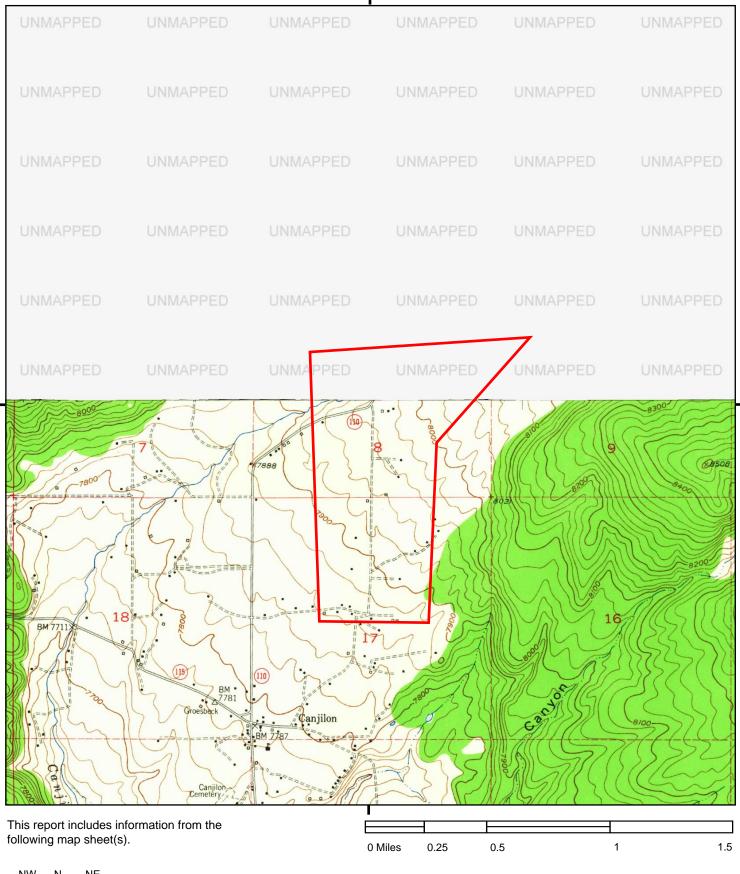
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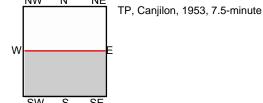
Tierra Amarilla, NM 87575

CLIENT: U.S. Army Corps of Engineers



Historical Topo Map





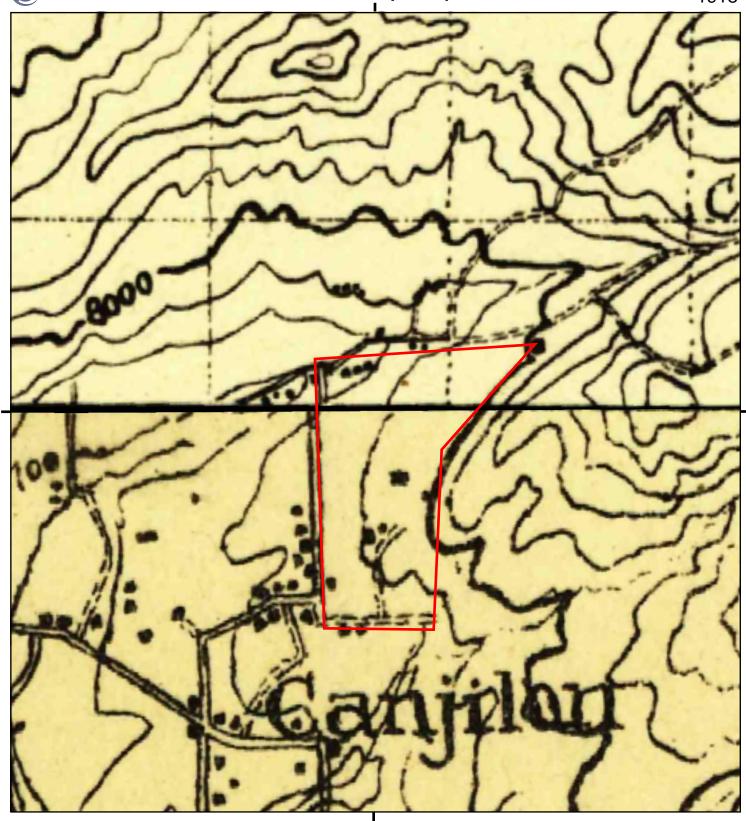
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ADDRESS: COUNTY RD, 280

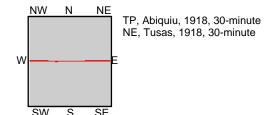
CLIENT:

Tierra Amarilla, NM 87575 U.S. Army Corps of Engineers





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



0 Miles 0.25 0.5 1 1.5

SITE NAME: CANJILON WATERLINE IMPROVEMEN

ADDRESS: COUNTY RD, 280

Tierra Amarilla, NM 87575

CLIENT: U.S. Army Corps of Engineers

CANJILON WATERLINE IMPROVEMENTS

COUNTY RD 293 A

Tierra Amarilla, NM 87575

Inquiry Number: 6461293.8

April 23, 2021

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

04/23/21

Site Name: Client Name:

CANJILON WATERLINE IMPR COUNTY RD 293 A Tierra Amarilla, NM 87575

U.S. Army Corps of Engineers
4101 Jefferson Plaza N.E.
Albuquerque, NM 83435
Contact: SANTIAGO GALLEGO



EDR Inquiry # 6461293.8 Contact: SANTIAGO GALLEGOS

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>	Source
2016	1"=1125'	Flight Year: 2016	USDA/NAIP
2011	1"=1125'	Flight Year: 2011	USDA/NAIP
2006	1"=1125'	Flight Year: 2006	USDA/NAIP
1997	1"=1125'	Acquisition Date: October 05, 1997	USGS/DOQQ
1991	1"=1125'	Flight Date: September 25, 1991	USGS
1982	1"=1125'	Flight Date: October 06, 1982	USGS
1976	1"=1125'	Flight Date: September 29, 1976	USGS

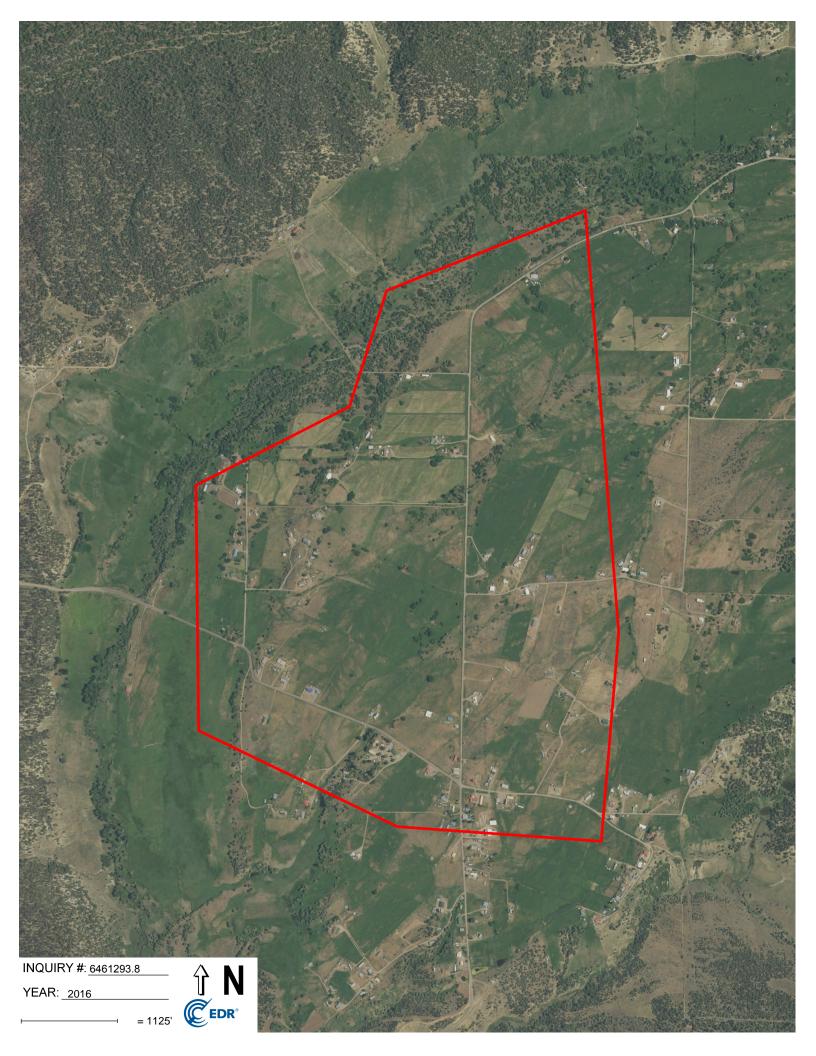
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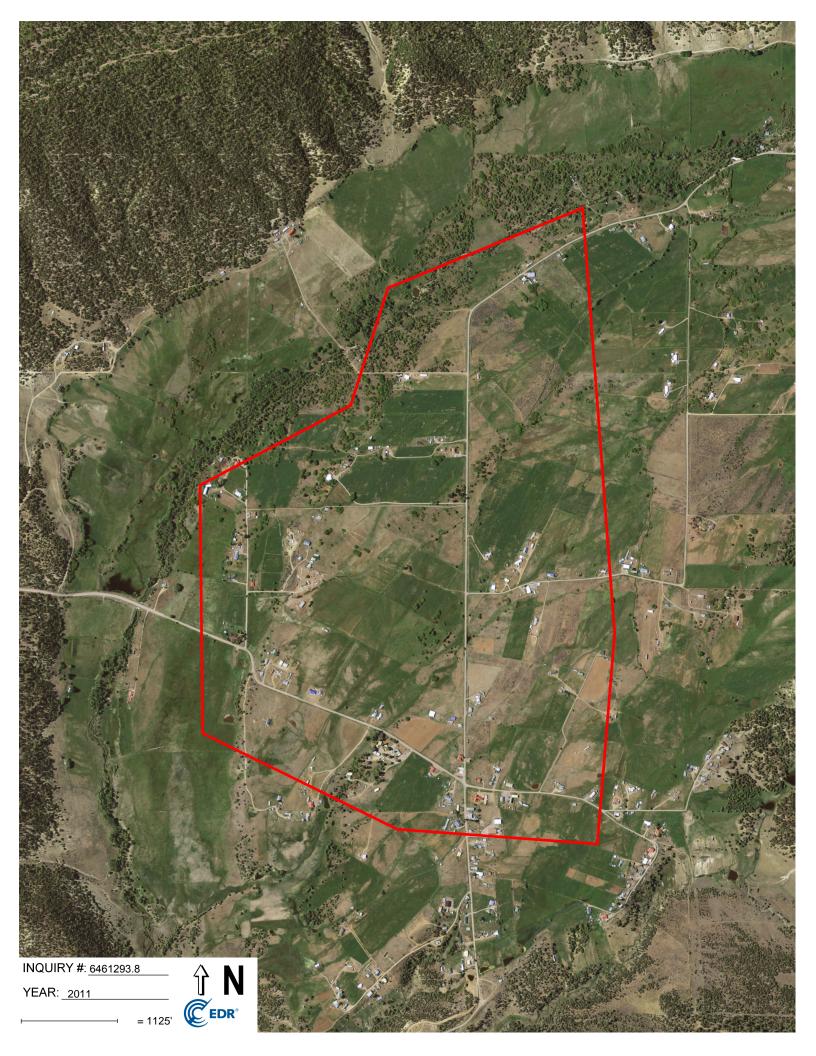
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CANJILON WATERLINE IMPROVEMENTS

COUNTY RD 293 A Tierra Amarilla, NM 87575

Inquiry Number: 6461293.2s

April 22, 2021

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

COUNTY RD 293 A TIERRA AMARILLA, NM 87575

COORDINATES

Latitude (North): 36.4919110 - 36° 29' 30.87" Longitude (West): 106.4377920 - 106° 26' 16.05"

Universal Tranverse Mercator: Zone 13 UTM X (Meters): 371217.7 UTM Y (Meters): 4039270.0

Elevation: 7866 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5977880 CANJILON, NM

Version Date: 2013

North Map: 5977888 CEBOLLA, NM

Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140612, 20140615

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: COUNTY RD 293 A TIERRA AMARILLA, NM 87575

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	ENGLISH TANK GRAZING	MESA VALLEJOS, CARSO	SCS	Lower	480, 0.091, SSE

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	Proposed National Priority List Sites
Federal Delisted NPL site lis	st
Delisted NPL	National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE	Superfund	Enterprise	Manage	ement S	vstem Archive

Federal RCRA CORRACTS facilities list

CORRACTSCorrect	ctive Action Report
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Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF RC	CRA - Treatment,	Storage and Disposal
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Federal RCRA generators list

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
111015	I and I led I ontrol intormation System

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS...... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal

NPL list.

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

SWF/LF..... Solid Waste Facilities

State and tribal leaking storage tank lists

LAST..... Leaking Aboveground Storage Tank Sites

LUST......Leaking Underground Storage Tank Prioritization Database

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

LTANKS..... Leaking Storage Tank Listing

State and tribal registered storage tank lists

FEMA UST...... Underground Storage Tank Listing UST..... Listing of Underground Storage Tanks

TANKS..... Storage Tank Facility Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY...... Recycling Facility Listing

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

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

ODI....... Open Dump Inventory IHS OPEN DUMPS...... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Spill Data

Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators / No Longer Regulated

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS..... Toxic Chemical Release Inventory System

RAATS......RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

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

INDIAN RESERV..... Indian Reservations

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

DOCKET HWC...... Hazardous Waste Compliance Docket Listing ECHO...... Enforcement & Compliance History Information

FUELS PROGRAM..... EPA Fuels Program Registered Listing

AIRS..... Airs Information

ASBESTOS..... List of Asbestos Demolition and Renovations Jobs

UIC...... Underground Injection Control Listing 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

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

State- and tribal - equivalent CERCLIS

SCS: State cleanup sites that fall under the state's Water Quality Control Commission Regulations.

A review of the SCS list, as provided by EDR, and dated 04/13/2020 has revealed that there is 1 SCS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ENGLISH TANK GRAZING Closed Date: 8/9/2011	MESA VALLEJOS, CARSO	SSE 0 - 1/8 (0.091 mi.)	1	8

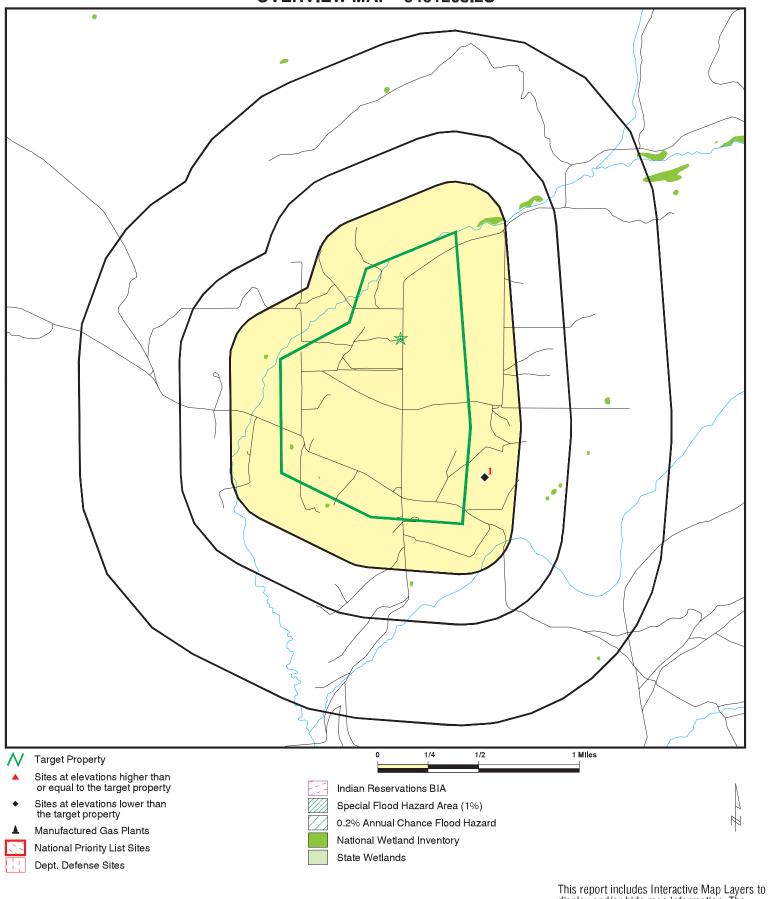
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name Database(s)

MARTINEZ COUNTRY STORE

LUST, LTANKS, UST, TANKS

OVERVIEW MAP - 6461293.2S



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

SITE NAME: CANJILON WATERLINE IMPROVEMENTS ADDRESS: COUNTY RD 293 A

LAT/LONG:

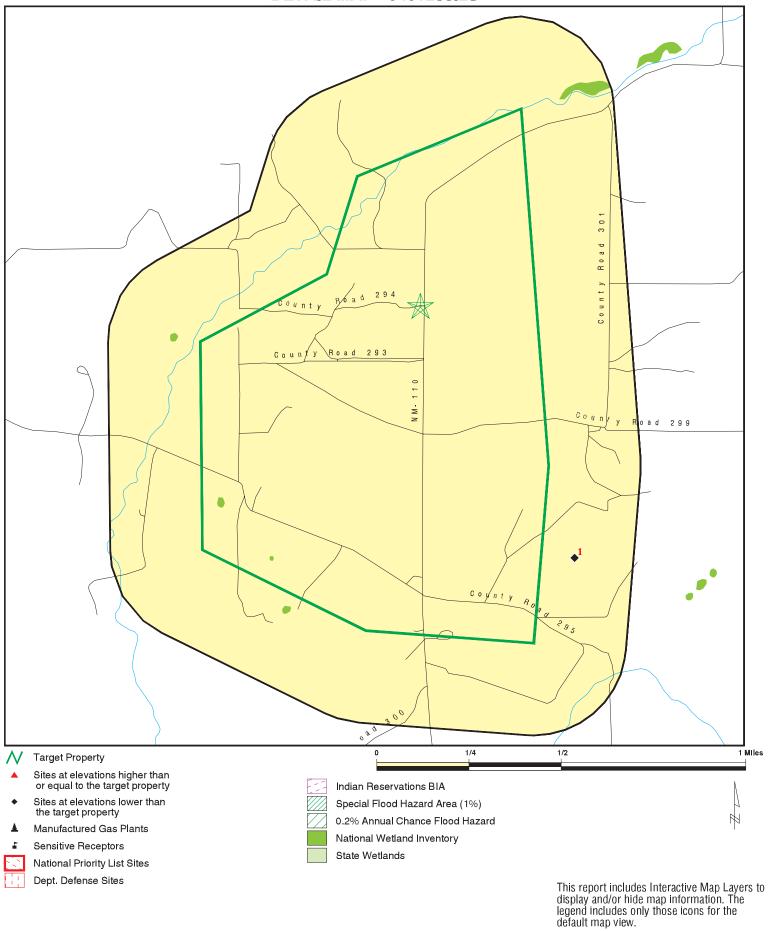
Tierra Amarilla NM 87575 36.491911 / 106.437792

CLIENT: U.S. Army Corps of Engineers CONTACT: SANTIAGO GALLEGOS

INQUIRY#: 6461293.2s

DATE: April 22, 2021 9:56 am

DETAIL MAP - 6461293.2S



SITE NAME: CANJILON WATERLINE IMPROVEMENTS
ADDRESS: COUNTY RD 293 A
Tierra Amarilla NM 87575
LAT/LONG: 36.491911 / 106.437792

CLIENT: U.S. Army Corps of Engineers
CONTACT: SANTIAGO GALLEGOS
INQUIRY #: 6461293.2s
DATE: April 22, 2021 9:57 am

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRAI	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiva	lent CERCLIS	3						
SCS SHWS	1.000 N/A		1 N/A	0 N/A	0 N/A	0 N/A	NR N/A	1 N/A
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking s	storage tank li	ists						
LAST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registere	ed storage tar	nk lists						
FEMA UST UST AST INDIAN UST TANKS	0.250 0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
State and tribal institution control / engineering col		s						
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntar	y cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	ITAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
SWRCY INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL CDL US CDL	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency I	Release Repo	rts						
HMIRS SPILLS	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	cords							
RCRA NonGen / NLR FUDS DOD	0.250 1.000 1.000		0 0 0	0 0 0	NR 0 0	NR 0 0	NR NR NR	0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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 ROD	0.001 1.000		0 0	NR 0	NR 0	NR 0	NR NR	0 0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		Ő	NR	NR	NR	NR	Ö
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 RADINFO	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
HIST FTTS	0.001		0	NR	NR NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		Ő	0	0	0	NR	Õ
INDIAN RESERV	1.000		Ō	0	Ö	Ö	NR	Ö
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 FINDS	0.250 0.001		0 0	0 NR	NR NR	NR NR	NR NR	0 0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		Ö	NR	NR	NR	NR	Ö
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance NPDES	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICA								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERN	NMENT ARCHIV	/ES						
Exclusive Recovered Go	ovt. Archives							
RGA LF	0.001		0	NR	NR	NR	NR	0
	0.001		J	1413	1417	1417	1411	J

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals		0	1	0	0	0	0	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID MAP FINDINGS

Direction Distance

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

ENGLISH TANK GRAZING ALLOTMENT SCS S111382907 SSE

MESA VALLEJOS, CARSON NF N/A

CANJILON, NM < 1/8

0.091 mi. 480 ft.

Relative: SCS:

Lower **ENGLISH TANK GRAZING ALLOTMENT** Name:

Address: MESA VALLEJOS, CARSON NF Actual: City,State,Zip: CANJILON, NM 7828 ft.

Latitude: 36.481983 Longitude: -106.430287 Size(Acres): Not reported Contaminate Of Concern: Not reported Depth To Water(Ft): Not reported Flow Direction: Not reported Media Impacted: Not reported Regulatory Status: Not reported

Event: report of hauled livestock water containing petroleum

Discharge Date: 7/19/2011

Actions Taken: interviews and water sample indicate no soil or groundwater concerns

GWWB Status: closed 8/9/2011 Closed Date:

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CANJILON	U001387830	MARTINEZ COUNTRY STORE	COUNTY RD 455	87515	LUST, LTANKS, UST, TANKS

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/30/2020 Source: EPA
Date Data Arrived at EDR: 01/14/2021 Telephone: N/A

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/30/2020 Source: EPA
Date Data Arrived at EDR: 01/14/2021 Telephone: N/A

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

Federal CERCLIS list

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: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 03/30/2021

Next Scheduled EDR Contact: 07/12/2021 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 know 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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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: 02/09/2021 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 39

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/08/2021

Next Scheduled EDR Contact: 05/24/2021 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: 10/28/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 11/18/2020

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/23/2021

Next Scheduled EDR Contact: 06/06/2021 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: 10/28/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 11/18/2020

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/23/2021

Next Scheduled EDR Contact: 06/06/2021

Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

substances.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/15/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 7

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

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: Department of the Environment

Telephone: 505-827-2918 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021

Data Release Frequency: N/A

SCS: State Cleanup Sites Listing

State cleanup sites that fall under the state's Water Quality Control Commission Regulations.

Date of Government Version: 04/13/2020 Date Data Arrived at EDR: 04/16/2020 Date Made Active in Reports: 07/08/2020

Number of Days to Update: 83

Source: Environment Department Telephone: 505-827-2855 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

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

SWF/LF: Solid Waste Facilities

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

Date of Government Version: 06/25/2020 Date Data Arrived at EDR: 08/10/2020 Date Made Active in Reports: 10/30/2020

Number of Days to Update: 81

Source: New Mexico Environment Department

Telephone: 505-827-0347 Last EDR Contact: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Annually

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tank Sites A listing of leaking aboveground storage tank sites.

Date of Government Version: 05/01/2006 Date Data Arrived at EDR: 05/01/2006 Date Made Active in Reports: 06/05/2006

Number of Days to Update: 35

Source: Environment Department Telephone: 505-476-4397 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Priorization 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: 08/01/2006 Date Data Arrived at EDR: 10/06/2006 Date Made Active in Reports: 11/08/2006

Number of Days to Update: 33

Source: New Mexico Environment Department

Telephone: 505-476-4397 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: No Update Planned

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

Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

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

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

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

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

LTANKS: Leaking Storage Tank Listing

A listing of leaking storage tank site locations.

Date of Government Version: 04/02/2020 Date Data Arrived at EDR: 06/30/2020 Date Made Active in Reports: 09/17/2020

Number of Days to Update: 79

Source: Environment Department Telephone: 505-476-4390 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 33

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies

UST: Listing of Underground Storage Tanks

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: 08/01/2006 Date Data Arrived at EDR: 09/27/2006 Date Made Active in Reports: 10/23/2006

Number of Days to Update: 26

Source: New Mexico Environment Department

Telephone: 505-476-4397 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

AST: Aboveground Storage Tanks List

Aboveground tanks that have been inspected by the State Fire Marshal.

Date of Government Version: 08/01/2006 Date Data Arrived at EDR: 09/27/2006 Date Made Active in Reports: 10/20/2006

Number of Days to Update: 23

Source: Environment Department Telephone: 505-476-4397 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 86

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 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: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian

land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

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TANKS: Storage Tank Facility Listing

A listing of aboveground and underground storage tank site locations.

Date of Government Version: 11/19/2020 Date Data Arrived at EDR: 11/23/2020 Date Made Active in Reports: 02/08/2021

Number of Days to Update: 77

Source: Environment Department Telephone: 505-476-4390 Last EDR Contact: 02/24/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Semi-Annually

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls

Sites included in the Voluntary Cleanup listing that have Institutional Controls in place.

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/01/2021

Number of Days to Update: 78

Source: Environment Department Telephone: 505-827-2754 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/01/2021

Number of Days to Update: 78

Source: Environment Department Telephone: 505-827-2754 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

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 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Listing
A listing of targeted brownfields assessment.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/04/2020
Date Made Active in Reports: 01/22/2021

Number of Days to Update: 79

Source: New Mexico Environment Telephone: 505-827-0171 Last EDR Contact: 02/03/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/16/2021

Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facility Listing
A listing of recycling facility locations.

Date of Government Version: 09/02/2020 Date Data Arrived at EDR: 11/04/2020 Date Made Active in Reports: 01/22/2021

Number of Days to Update: 79

Source: Environment Department Telephone: 505-827-0197 Last EDR Contact: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

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: 01/25/2021

Next Scheduled EDR Contact: 05/10/2021 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: 04/14/2021

Next Scheduled EDR Contact: 08/02/2021 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.

Subtitle D'Ontena.

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 Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 01/29/2021

Next Scheduled EDR Contact: 05/10/2021

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: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 83

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Laboratory Listing

A listing of clandestine drug labs, such as illegal methamphetamine labs.

Date of Government Version: 05/17/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/14/2018

Number of Days to Update: 27

Source: Environment Department Telephone: 505-476-6000 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

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: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 83

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/22/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Quarterly

PFAS: Per- and Polyfluoroalkyl Substances (PFAS) Data

Site locations where Per- and Polyfluoroalkyl Substances (PFAS) contamination has been detected.

Date of Government Version: 02/06/2020 Date Data Arrived at EDR: 02/07/2020 Date Made Active in Reports: 03/11/2020

Number of Days to Update: 33

Source: New Mexico Environment Department

Telephone: 505-827-2919 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 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: 12/16/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 85

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/24/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

SPILLS: Spill Data

Hazardous materials spills data.

Date of Government Version: 08/31/2020 Date Data Arrived at EDR: 09/21/2020 Date Made Active in Reports: 09/22/2020

Number of Days to Update: 1

Source: Environment Department Telephone: 505-827-0166 Last EDR Contact: 03/26/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Semi-Annually

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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020

Number of Days to Update: 5

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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: 02/11/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 04/05/2021

Number of Days to Update: 47

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 02/17/2021

Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

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 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019

Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021

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: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/09/2021

Next Scheduled EDR Contact: 05/24/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 03/12/2021

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 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 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 02/02/2021

Next Scheduled EDR Contact: 05/17/2021 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 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies

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: 12/31/2016 Date Data Arrived at EDR: 06/17/2020 Date Made Active in Reports: 09/10/2020

Number of Days to Update: 85

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/19/2021

Next Scheduled EDR Contact: 06/28/2021 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: 12/31/2018 Date Data Arrived at EDR: 08/14/2020 Date Made Active in Reports: 11/04/2020

Number of Days to Update: 82

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/02/2021

Next Scheduled EDR Contact: 05/31/2021 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: 01/20/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 60

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/20/2021

Next Scheduled EDR Contact: 08/02/2021 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: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021

Number of Days to Update: 35

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Annually

RMP: Risk Management Plans

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: 11/02/2020 Date Data Arrived at EDR: 11/12/2020 Date Made Active in Reports: 01/25/2021

Number of Days to Update: 74

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/19/2021

Next Scheduled EDR Contact: 08/02/2021 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 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

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

Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 03/05/2021

Number of Days to Update: 50

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 03/11/2021

Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/19/2020 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 73

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/09/2021

Next Scheduled EDR Contact: 07/19/2021 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 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Quarterly

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: 08/05/2020 Date Data Arrived at EDR: 08/10/2020 Date Made Active in Reports: 10/08/2020

Number of Days to Update: 59

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 08/02/2021 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: 12/31/2019 Date Data Arrived at EDR: 12/01/2020 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 70

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 03/05/2021

Next Scheduled EDR Contact: 06/14/2021 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: 03/02/2021

Next Scheduled EDR Contact: 06/14/2021 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: 02/05/2021

Next Scheduled EDR Contact: 05/17/2021 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.

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: 03/25/2021

Next Scheduled EDR Contact: 07/12/2021 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

ast EDR Contact: 12/17/2007 lext Scheduled EDR Contact: 03/17.

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 Transporation, 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 Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 01/27/2021

Next Scheduled EDR Contact: 05/10/2021 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: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/05/2021

Next Scheduled EDR Contact: 07/19/2021 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: 12/31/2017 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 11/20/2020

Number of Days to Update: 151

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/23/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Biennially

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 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/06/2021

Next Scheduled EDR Contact: 07/19/2021 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: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 02/02/2021

Next Scheduled EDR Contact: 05/17/2021 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 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/18/2021

Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/01/2021

Next Scheduled EDR Contact: 07/12/2021 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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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.

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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

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

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

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: 11/03/2020 Date Data Arrived at EDR: 11/23/2020 Date Made Active in Reports: 01/25/2021

Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/24/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 11/24/2020 Date Data Arrived at EDR: 11/30/2020 Date Made Active in Reports: 01/25/2021

Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 03/01/2021

Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Quarterly

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: 05/06/2020 Date Data Arrived at EDR: 05/27/2020 Date Made Active in Reports: 08/13/2020

Number of Days to Update: 78

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 02/26/2021

Next Scheduled EDR Contact: 06/06/2021 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: 02/26/2021

Next Scheduled EDR Contact: 06/06/2021 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.

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/02/2021

Number of Days to Update: 81

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/10/2021

Next Scheduled EDR Contact: 06/21/2021 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: 02/03/2021 Date Data Arrived at EDR: 03/03/2021 Date Made Active in Reports: 04/05/2021

Number of Days to Update: 33

Source: EPA Telephone: (214) 665-2200 Last EDR Contact: 03/03/2021

Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/02/2021 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/06/2021

Next Scheduled EDR Contact: 07/19/2021 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: 11/03/2020 Date Data Arrived at EDR: 11/17/2020 Date Made Active in Reports: 02/09/2021

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 02/26/2021

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020

Number of Days to Update: 77

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2021

Next Scheduled EDR Contact: 07/26/2021 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: 02/17/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021

Number of Days to Update: 33

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/17/2021

Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Quarterly

AIRS: Airs Information

A listing of facilities with Air Quality Bureau permits.

Date of Government Version: 01/04/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 04/16/2021

Number of Days to Update: 85

Source: New Mexico Environment Department

Telephone: 505-476-4339 Last EDR Contact: 04/20/2021

Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Annually

ASBESTOS: List of Asbestos Demolition and Renovations Jobs

Asbestos is a common fibrous rock found worldwide which has been used in various products for over 4500 years. It has been used in over 3000 different products such as textiles, paper, ropes, wicks, stoves, filters, floor tiles, roofing shingles, clutch facings, water pipe, cements, fillers, felt, fireproof clothing, gaskets, battery

boxes, clapboard, wallboard, fire doors, fire curtains, insulation, brake linings, etc.

Date of Government Version: 01/19/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 04/13/2021

Number of Days to Update: 82

Source: New Mexico Environment Department

Telephone: 505-827-1494 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 08/02/2021

Data Release Frequency: Semi-Annually

COAL MINES: Coal Mine Permits Database

New Mexico coal mines permitted under the Surface Mining Control and Reclamation Act of 1977 (SMCRA), by either the NM Mining & Minerals Division (MMD), or by the federal DOI Office of Surface Mining, Reclamation & Enforcement.

Date of Government Version: 04/18/2019 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 06/24/2019

Number of Days to Update: 5

Source: Bureau of Geology and Mineral Resources

Telephone: 505-476-3402 Last EDR Contact: 03/19/2021

Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Varies

COAL MINES 2: Coal Permit Boundaries

ESRI ArcView shapefile depicting New Mexico coal mines permitted under the Surface Mining Control and Reclamation Act of 1977 (SMCRA), by either the NM Mining & Minerals Division (MMD), or by the federal DOI Office of Surface Mining, Reclamation & Enforcement.

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/01/2021

Number of Days to Update: 80

Source: Mining & Minerals Division Telephone: 505-476-3417 Last EDR Contact: 03/17/2021

Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations. The listing may contain facilities that are no longer there, or under different management.

Date of Government Version: 01/06/2010 Date Data Arrived at EDR: 01/07/2010 Date Made Active in Reports: 02/04/2010

Number of Days to Update: 28

Source: Environment Department Telephone: 505-222-9507 Last EDR Contact: 03/22/2021

Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: No Update Planned

FINANCIAL ASSURANCE 1: Financial Assurance Information

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

Date of Government Version: 12/03/2012 Date Data Arrived at EDR: 01/04/2013 Date Made Active in Reports: 01/10/2013

Number of Days to Update: 6

Source: Environment Department Telephone: 505-827-0197 Last EDR Contact: 01/25/2021

Next Scheduled EDR Contact: 05/10/2021

Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information

Information for underground hazardous waste facilities. 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: 07/27/2020 Date Data Arrived at EDR: 07/28/2020 Date Made Active in Reports: 10/16/2020

Number of Days to Update: 80

Source: Environment Department Telephone: 505-476-6018 Last EDR Contact: 01/25/2021

Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Annually

NPDES: List of Discharge Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 12/29/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/02/2021

Number of Days to Update: 79

Source: Environment Department Telephone: 505-827-2918 Last EDR Contact: 04/16/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually

UIC: Underground Injection Control Listing

The listing includes Discharge Permits (DP) with Underground Injection Control Wells, located in New Mexico.

Date of Government Version: 12/25/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 04/02/2021

Number of Days to Update: 79

Source: New Mexico Environment Department

Telephone: 505-827-2936 Last EDR Contact: 04/14/2021

Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019

Number of Days to Update: 3

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 02/26/2021

Next Scheduled EDR Contact: 09/10/2018 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: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 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: 03/31/2021

Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually

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.

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 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 New Mexico Environment Department in New Mexico.

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

Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A

Source: New Mexico Environment Department

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

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 New Mexico Environment Department in New Mexico.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: New Mexico Environment Department Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A

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.

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 Date Data Arrived at EDR: 04/29/2020 Date Made Active in Reports: 07/10/2020

Number of Days to Update: 72

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 01/29/2021

Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/08/2021

Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Annually

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.

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: Licensed Child Day Care Providers

Source: Office of Child Development

Telephone: 505-827-7946

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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service

Telephone: 505-248-6660

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CANJILON WATERLINE IMPROVEMENTS COUNTY RD 293 A TIERRA AMARILLA, NM 87575

TARGET PROPERTY COORDINATES

Latitude (North): 36.491911 - 36° 29' 30.88" Longitude (West): 106.437792 - 106° 26' 16.05"

Universal Tranverse Mercator: Zone 13 UTM X (Meters): 371217.7 UTM Y (Meters): 4039270.0

Elevation: 7866 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5977880 CANJILON, NM

Version Date: 2013

North Map: 5977888 CEBOLLA, NM

Version Date: 2013

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

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

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

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

GROUNDWATER FLOW DIRECTION INFORMATION

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

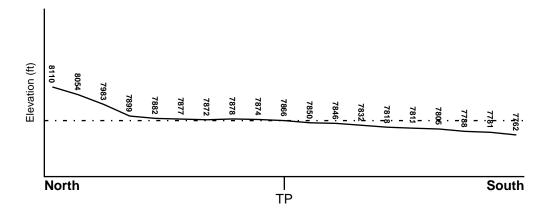
TOPOGRAPHIC INFORMATION

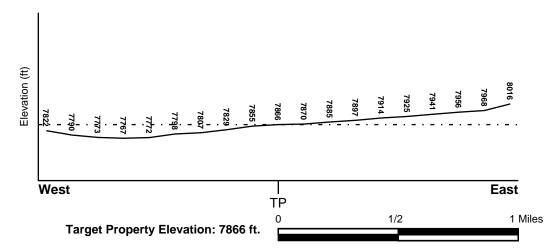
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





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

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

35039C1825D FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

35039C1450D FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

NOT AVAILABLE 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.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Mesozoic Category: Stratified Sequence

System: Cretaceous

Series: Austin and Eagle Ford Groups

Code: uK2 (decoded above as Era, System & Series)

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CUMULIC UDIC HAPLOBOROLLS

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	10 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
2	10 inches	39 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.60
3	39 inches	62 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: very gravelly - sandy clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

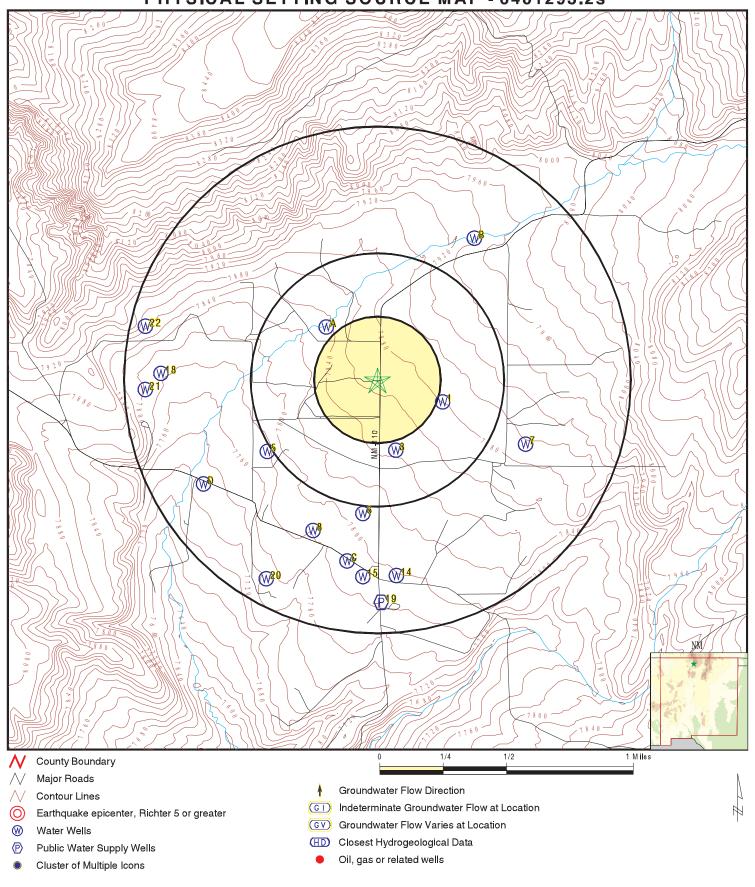
19 NM3591621 1/2 - 1 Mile South

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NM5000000014033	1/4 - 1/2 Mile ESE
A2	NM5000000208005	1/4 - 1/2 Mile NW
3	NM500000026835	1/4 - 1/2 Mile SSE
A4	NM500000114189	1/4 - 1/2 Mile NW
5	NM500000010423	1/2 - 1 Mile WSW
6 7	NM500000007836	1/2 - 1 Mile South
7	NM500000039795	1/2 - 1 Mile ESE
8	NM500000020991	1/2 - 1 Mile SSW
B9	NM500000114441	1/2 - 1 Mile NNE
B10	NM500000114438	1/2 - 1 Mile NE
C11	NM500000007572	1/2 - 1 Mile South
C12	NM500000142283	1/2 - 1 Mile South
C13	NM500000156276	1/2 - 1 Mile South
14	NM500000195185	1/2 - 1 Mile South
15	NM500000023936	1/2 - 1 Mile South
D16	NM500000145614	1/2 - 1 Mile WSW
D17	NM500000208004	1/2 - 1 Mile WSW
18	NM500000023055	1/2 - 1 Mile West
20	NM500000208009	1/2 - 1 Mile SSW
21	NM500000208011	1/2 - 1 Mile West
22	NM500000023899	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 6461293.2s



SITE NAME: CANJILON WATERLINE IMPROVEMENTS

ADDRESS: **COUNTY RD 293 A**

Tierra Amarilla NM 87575 LAT/LONG: 36.491911 / 106.437792

CLIENT: U.S. Army Corps of Engineers CONTACT: SANTIAGO GALLEGOS

INQUIRY#: 6461293.2s

DATE: April 22, 2021 9:57 am

Map ID Direction Distance

EDR ID Number Elevation Database

ESE 1/4 - 1/2 Mile Higher

NM WELLS NM500000014033

Well Name: Not Reported POD #: 20224 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 45

% Shallow: 100 OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Not Reported Aquifer: Surface Water Diversion: Not Reported

POD Status: Not Reported Pod Subbasin: Rio Chama (72121)

Static Level: Not Reported Water Right Use: PDM

POD Basin: Rio Grande POD Suffix: Not Reported **Drilling Started:** Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported Depth to Water: 5

Well Schedule Date: Not Reported Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported

Est Yield (Gal/Min): Casing Size: 0 Well Tag:

Not Reported Water Right Status: Declaration

Diversion Amt Allowed: 3

NW 1/4 - 1/2 Mile Lower

NM WELLS NM5000000208005

Rio Grande

Not Reported

Well Name: Not Reported POD #: 90482 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 0 % Shallow: OSE Filing Date: Not Reported Well Use: Not Reported

Pump Serial #: Not Reported Aquifer: Not Reported Surface Water Diversion: Not Reported

POD Status:

Pod Subbasin:

Well Tag: Water Right Status: Declaration Diversion Amt Allowed: .34

Not Reported Rio Chama-Section 3-Cajilon Creek Not Reported

Static Level: Water Right Use:

POD Basin:

POD Suffix:

Plug Date:

Elevation:

Drilling Started:

Depth to Water:

Pump Type:

Casing Size:

Groundwater Source:

Well Schedule Date:

Discharge Pipe Size:

Est Yield (Gal/Min):

Max Diversion Allowed:

0 0 Not Reported

PDM

SSE 1/4 - 1/2 Mile **NM WELLS** NM500000026835 Lower

POD Basin: Well Name: Not Reported Rio Grande POD #: 65268 POD Suffix: Not Reported Land Grant: Not Reported **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): n Groundwater Source: Not Reported

% Shallow: 100 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Not Reported Discharge Pipe Size: Pump Serial #: Not Reported Not Reported Aquifer: Not Reported Max Diversion Allowed:

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin:Not ReportedWell Tag:Not ReportedStatic Level:Not ReportedWater Right Status:PermitWater Right Use:DOMDiversion Amt Allowed:3

A4 NW NM WELLS NM500000114189

1/4 - 1/2 Mile Lower

Lower

POD Basin: Surface Declaration Well Name: Not Reported POD #: 06273 POD Suffix: Not Reported Land Grant: Not Reported **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Not Reported 0 Groundwater Source:

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: 310 Est Yield (Gal/Min): 0
POD Status: Not Reported Casing Size: 0

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Permit Water Right Use: IRR

Diversion Amt Allowed: 0

5 WSW NM WELLS NM500000010423 1/2 - 1 Mile

Well Name: Not Reported POD Basin: Rio Grande POD #: POD Suffix: Not Reported Not Reported

Land Grant: Not Reported Drilling Started: 1992-06-29T00:00:00.000Z

Well Completed: 1992-07-02T00:00:00.000Z Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): 30 Groundwater Source: Shallow % Shallow: 100 Depth to Water: 20

1992-07-08T00:00:00.000Z Not Reported OSE Filing Date: Well Schedule Date: Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Aquifer: Not Reported

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin:Not ReportedWell Tag:Not ReportedStatic Level:Not ReportedWater Right Status:PermitWater Right Use:DOMDiversion Amt Allowed:3

Map ID Direction Distance

Elevation Database EDR ID Number

South 1/2 - 1 Mile Lower NM WELLS NM500000007836

Well Name: Not Reported POD #: 20325
Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 25
% Shallow: 100

% Shallow: 100
OSE Filing Date: Not Reported
Well Use: Not Reported
Pump Serial #: Not Reported
Aquifer: Not Reported
Surface Water Diversion: Not Reported

POD Status: Not Reported
Pod Subbasin: Rio Chama (72121)
Static Level: Not Reported

Water Right Use: PDM

POD Basin: Rio Grande
POD Suffix: Not Reported
Drilling Started: Not Reported
Plug Date: Not Reported
Elevation: Not Reported
Groundwater Source: Not Reported
Depth to Water: 0

Well School up Date: Not Reported

Well Schedule Date:
Pump Type:
Discharge Pipe Size:
Max Diversion Allowed:
Not Reported
Not Reported
Not Reported
Not Reported

Est Yield (Gal/Min): 0
Casing Size: 0
Well Tag: No

Well Tag: Not Reported Water Right Status: Declaration

Diversion Amt Allowed: 3

7 ESE 1/2 - 1 Mile Higher

NM WELLS NM500000039795

Well Name: Not Reported POD #: 89918 NON Land Grant: Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 0 % Shallow: OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Aquifer: Not Reported Surface Water Diversion: Not Reported

Surface Water Diversion:

POD Status:

Pod Subbasin:

Static Level:

Water Right Use:

Not Reported

Not Reported

Not Reported

DOL

POD Basin: Rio Grande POD Suffix: POD1 **Drilling Started:** Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported Depth to Water: Well Schedule Date: Not Reported Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Est Yield (Gal/Min): 0 Casing Size: Well Tag: Not Reported Water Right Status: Permit

Diversion Amt Allowed:

NM WELLS NM500000020991

3

SSW 1/2 - 1 Mile Lower

Well Name: Not Reported POD #: 20186
Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 100
% Shallow: 0

POD Basin: Rio Grande
POD Suffix: POD1
Drilling Started: Not Reported
Plug Date: Not Reported
Elevation: Not Reported
Groundwater Source: Not Reported
Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: Not Reported Est Yield (Gal/Min): 0
POD Status: Pending Casing Size: 5.63

Pod Subbasin:Rio Chama (72121)Well Tag:Not ReportedStatic Level:Not ReportedWater Right Status:ExpiredWater Right Use:DOMDiversion Amt Allowed:0

B9 NNE NM WELLS NM500000114441

1/2 - 1 Mile Higher

Higher

Well Name: POD Basin: Surface Declaration Not Reported POD #: POD Suffix: Not Reported 06318 Land Grant: Not Reported **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Not Reported Max Diversion Allowed: Not Reported Aquifer:

Surface Water Diversion: 310 Est Yield (Gal/Min): 0
POD Status: Not Reported Casing Size: 0

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Permit Water Right Use: IRR

Diversion Amt Allowed: 0

B10
NE
NM WELLS
NM5000000114438
1/2 - 1 Mile

Well Name: Not Reported POD Basin: Surface Declaration POD #: 06317 POD Suffix: Not Reported Land Grant: Not Reported Drilling Started: Not Reported

Well Completed:Not ReportedPlug Date:Not ReportedCompletion Proved:Not ReportedElevation:Not ReportedWell Depth (ft):0Groundwater Source:Not Reported

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Discharge Pipe Size: Pump Serial #: Not Reported Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: 310 Est Yield (Gal/Min): 0
POD Status: Not Reported Casing Size: 0

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Permit Water Right Use: IRR

Diversion Amt Allowed: 0

Map ID Direction Distance

Database EDR ID Number Elevation

South 1/2 - 1 Mile

C11

Lower

NM WELLS NM500000007572

Well Name: Not Reported POD #: 20159 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 60 % Shallow: 100

OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Not Reported Aquifer: Surface Water Diversion: Not Reported POD Status: Not Reported

Pod Subbasin: Static Level: Not Reported

Rio Chama (72121) Water Right Use: PDM

POD Basin: Rio Grande POD Suffix: Not Reported **Drilling Started:** Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported

Depth to Water: 0 Well Schedule Date: Not Reported Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Est Yield (Gal/Min):

Casing Size: Well Tag: Not Reported

Water Right Status: Declaration

Diversion Amt Allowed:

C12 South 1/2 - 1 Mile Lower

NM WELLS NM5000000142283

Rio Grande

POD1

Well Name: Not Reported POD #: 20157 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 100 % Shallow: OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Aquifer: Not Reported Surface Water Diversion: Not Reported POD Status: Pending

Pod Subbasin: Rio Chama (72121) Static Level: Not Reported Water Right Use: DOM

Drilling Started: Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported Depth to Water: Well Schedule Date: Not Reported Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Est Yield (Gal/Min): 0 Casing Size:

POD Basin:

POD Suffix:

Well Tag: Not Reported Water Right Status: Expired Diversion Amt Allowed:

C13 South 1/2 - 1 Mile Lower

> Well Name: Not Reported POD #: 22872 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): 0 % Shallow: 0

POD Basin: Rio Grande POD Suffix: Not Reported **Drilling Started:** Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported Depth to Water: 0

NM WELLS

NM500000156276

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin:Northern Rio GrandeWell Tag:Not ReportedStatic Level:Not ReportedWater Right Status:Declaration

Water Right Use: DOM Diversion Amt Allowed: 3

14
South
1/2 - 1 Mile
Lower

NM WELLS
NM500000195185

Well Name: POD Basin: Rio Grande Not Reported POD #: POD Suffix: 25026 Not Reported Land Grant: Not Reported **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported

% Shallow: 0 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Not Reported Max Diversion Allowed: Not Reported Aquifer:

 Surface Water Diversion:
 Not Reported
 Est Yield (Gal/Min):
 0

 POD Status:
 Not Reported
 Casing Size:
 0

Pod Subbasin: Rio Chama-Section 3-Rio Cebolla

Lower

Well Tag: Not Reported Static Level: Not Reported Water Right Status: Declaration Water Right Use: PDM

Diversion Amt Allowed: 3

15 South NM WELLS NM500000023936 1/2 - 1 Mile

Well Name: POD Basin: Rio Grande Not Reported POD Suffix: POD #: 20160 Not Reported Land Grant: Not Reported **Drilling Started:** Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported 65

Well Depth (ft): 65 Groundwater Source: Not R % Shallow: 100 Depth to Water: 0

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Discharge Pipe Size: Pump Serial #: Not Reported Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion:Not ReportedEst Yield (Gal/Min):0POD Status:Not ReportedCasing Size:0

Pod Subbasin:Rio Chama (72121)Well Tag:Not ReportedStatic Level:Not ReportedWater Right Status:Declaration

Water Right Use: PDM Diversion Amt Allowed: 3

Map ID Direction Distance

Database EDR ID Number Elevation

D16 WSW 1/2 - 1 Mile Lower

NM WELLS NM5000000145614

Well Name: Not Reported POD #: 90492 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported

Well Depth (ft): % Shallow: 0 OSE Filing Date: Not Reported Well Use: Not Reported Pump Serial #: Not Reported Aquifer: Not Reported Surface Water Diversion: Not Reported POD Status: Not Reported Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

Well Tag: Not Reported Water Right Status: Declaration

Diversion Amt Allowed: .27

POD Basin: Rio Grande POD Suffix: Not Reported **Drilling Started:** Not Reported Plug Date: Not Reported Elevation: Not Reported Groundwater Source: Not Reported Depth to Water: 0 Well Schedule Date: Not Reported

Pump Type: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Est Yield (Gal/Min):

Casing Size: 0

Static Level: Not Reported Water Right Use: PDM

D17 **WSW NM WELLS** NM5000000208004 1/2 - 1 Mile

Not Reported Well Name: POD #: 90481 Land Grant: Not Reported Well Completed: Not Reported Completion Proved: Not Reported Well Depth (ft): % Shallow: 0 OSE Filing Date: Not Reported

Well Use: Not Reported Pump Serial #: Not Reported Not Reported Aquifer: Surface Water Diversion: Not Reported POD Status: Not Reported

Pod Subbasin:

Lower

Well Tag: Water Right Status: Diversion Amt Allowed:

Rio Chama-Section 3-Cajilon Creek

Not Reported Declaration .2

POD Basin: POD Suffix: **Drilling Started:** Plug Date: Elevation: Groundwater Source: Depth to Water: Well Schedule Date:

Pump Type: Discharge Pipe Size: Max Diversion Allowed: Est Yield (Gal/Min): Casing Size:

Static Level: Water Right Use:

> **NM WELLS** NM500000023055

Rio Grande

Not Reported

PDM

18 West 1/2 - 1 Mile Lower

> POD Basin: Well Name: Not Reported Rio Grande POD #: 33460 POD Suffix: Not Reported

1979-11-01T00:00:00.000Z Land Grant: Not Reported **Drilling Started:**

Well Completed: 1979-11-14T00:00:00.000Z Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported

Well Depth (ft):0Groundwater Source:Shallow% Shallow:100Depth to Water:20

OSE Filing Date: 1980-01-09T00:00:00.000Z Well Schedule Date: Not Reported Not Reported Well Use: Not Reported Pump Type: Pump Serial #: Discharge Pipe Size: Not Reported Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: Not Reported Est Yield (Gal/Min): 0
POD Status: Not Reported Casing Size: 0

Pod Subbasin:Not ReportedWell Tag:Not ReportedStatic Level:Not ReportedWater Right Status:PermitWater Right Use:DOMDiversion Amt Allowed:3

19
South FRDS PWS NM3591621
1/2 - 1 Mile

Lower

Epa region: 06 State: NM

Pwsid: NM3591621 Pwsname: ECHO AMPHITHEATER USFS CARSON

Cityserved:Not ReportedStateserved:NMZipserved:Not ReportedFipscounty:35039Status:ActiveRetpopsrvd:205Pwssvcconn:5Psource longname:Groundwater

Pwstype: TNCWS Owner: Fed_Govt

Contact: SANCHEZ, FRANCISCO Contactorgname: SANCHEZ, FRANCISCO

Contactphone:575-684-2489Contactaddress1:Not ReportedContactaddress2:PO Box 469Contactcity:CANJILONContactstate:NMContactzip:87515

Pwsactivitycode: A

Pwsid: NM3591621 Facid: 13642

Facname: TREATMENT PLANT #1 (FILTER)

Factype: Treatment_plant Facactivitycode: A

Trtobjective: organics removal Trtprocess: sedimentation

Factypecode: TP

NM3591621 PWS ID: PWS type: Not Reported PWS address: PWS name: Not Reported Not Reported PWS city: Not Reported PWS state: Not Reported NM3591621 PWS ID: PWS zip: Not Reported Activity status: Active Date system activated: 7706 Not Reported Retail population: 00000070 Date system deactivated: System name: **ECHO AMPHITHEATER** System address: Not Reported System address: **PO BOX 488** System city: **CANJILON**

System address:PO BOX 488System city:CANJILCSystem state:NMSystem zip:87515

Population served: Under 101 Persons Treatment: Untreated

Latitude: 362845 Longitude: 1062613

20 SSW NM WELLS NM500000208009

1/2 - 1 Mile Lower

> Well Name: Not Reported POD Basin: Rio Grande POD Suffix: POD #: 90494 Not Reported Land Grant: Not Reported Drilling Started: Not Reported Well Completed: Not Reported Plug Date: Not Reported

Completion Proved: Not Reported Flevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported

% Shallow: Depth to Water:

OSE Filing Date: Well Schedule Date: Not Reported Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: Not Reported Est Yield (Gal/Min): Not Reported Casing Size: POD Status:

Rio Chama-Section 3-Cajilon Creek Pod Subbasin:

Well Tag: Not Reported Static Level: Not Reported Water Right Status: Declaration Water Right Use: PDM

Diversion Amt Allowed: .54

Lower

West **NM WELLS** NM5000000208011 1/2 - 1 Mile

Well Name: Not Reported POD Basin: Rio Grande POD #: 90493 POD Suffix: Not Reported Drilling Started: Land Grant: Not Reported Not Reported Well Completed: Not Reported Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): Groundwater Source: Not Reported

% Shallow: Depth to Water:

OSE Filing Date: Not Reported Well Schedule Date: Not Reported Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Aquifer: Not Reported Max Diversion Allowed: Not Reported

Surface Water Diversion: Not Reported Est Yield (Gal/Min): 0 POD Status: Not Reported Casing Size: n

Pod Subbasin: Rio Chama-Section 3-Cajilon Creek

.47

Well Tag: Not Reported Static Level: Not Reported

Water Right Status: Declaration Water Right Use: **PDM** Diversion Amt Allowed:

22 WNW **NM WELLS** NM500000023899 1/2 - 1 Mile Lower

Well Name: Not Reported POD Basin: Rio Grande POD #: 55444 POD Suffix: Not Reported

1992-06-24T00:00:00.000Z Land Grant: Not Reported **Drilling Started:**

Well Completed: 1992-06-26T00:00:00.000Z Plug Date: Not Reported Completion Proved: Not Reported Elevation: Not Reported Well Depth (ft): 140 Groundwater Source: Shallow % Shallow: 100 Depth to Water: 120

OSE Filing Date: 1992-07-08T00:00:00.000Z Not Reported Well Schedule Date: Well Use: Not Reported Pump Type: Not Reported Pump Serial #: Not Reported Discharge Pipe Size: Not Reported Max Diversion Allowed: Not Reported Aquifer: Not Reported

Surface Water Diversion: Not Reported Est Yield (Gal/Min): 0 POD Status: Not Reported Casing Size:

Well Tag: Pod Subbasin: Not Reported Not Reported Water Right Status: Static Level: Not Reported Permit Water Right Use: DOM Diversion Amt Allowed: 3

AREA RADON INFORMATION

State Database: NM Radon

Radon Test Results

Zip	Total Sites	Pct. < 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	> 20 Pci/L
					
87575	2	100.0	0.0	0.0	0.0

Federal EPA Radon Zone for RIO ARRIBA County: 1

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

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

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

Federal Area Radon Information for Zip Code: 87575

Number of sites tested: 2

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor 1.550 pCi/L 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Basement 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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service Telephone: 505-248-6660

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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

Water Well Database

Source: Office of the State Engineer

Telephone: 505-827-6175

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: New Mexico Institute of Mining and Technology

Telephone: 505-835-5142

RADON

State Database: NM Radon

Source: Environment Department Telephone: 505-827-1093 Radon Test Results

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

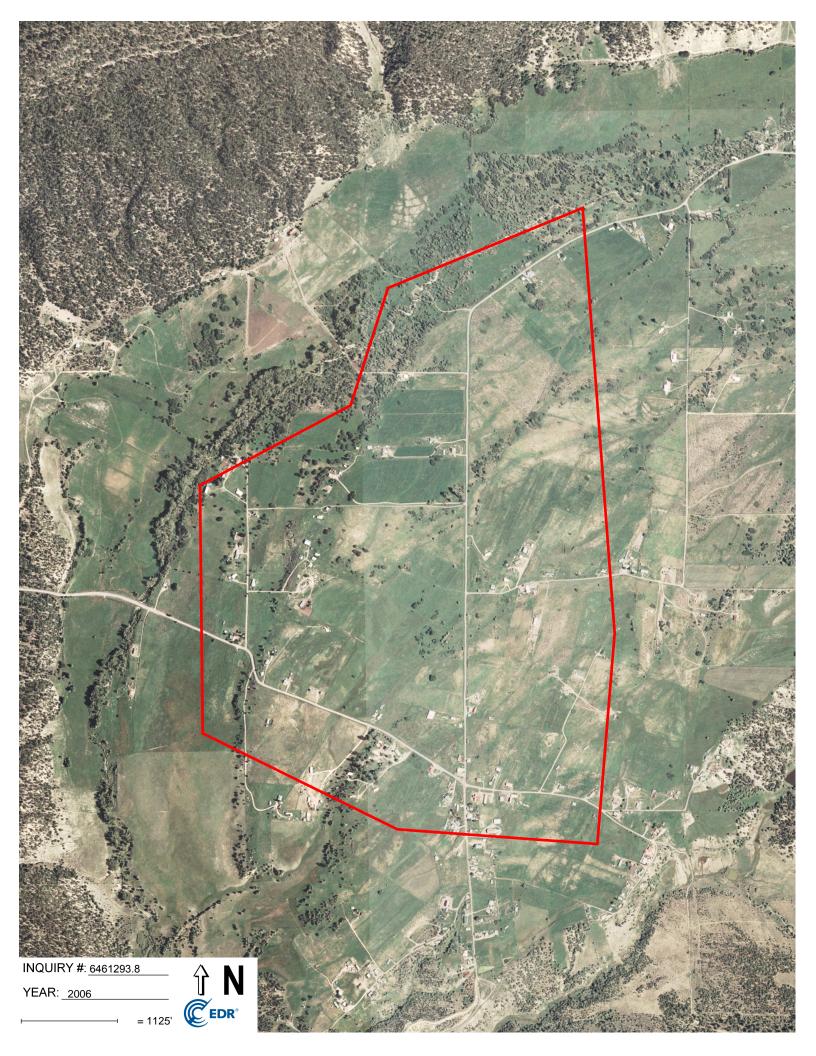
Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

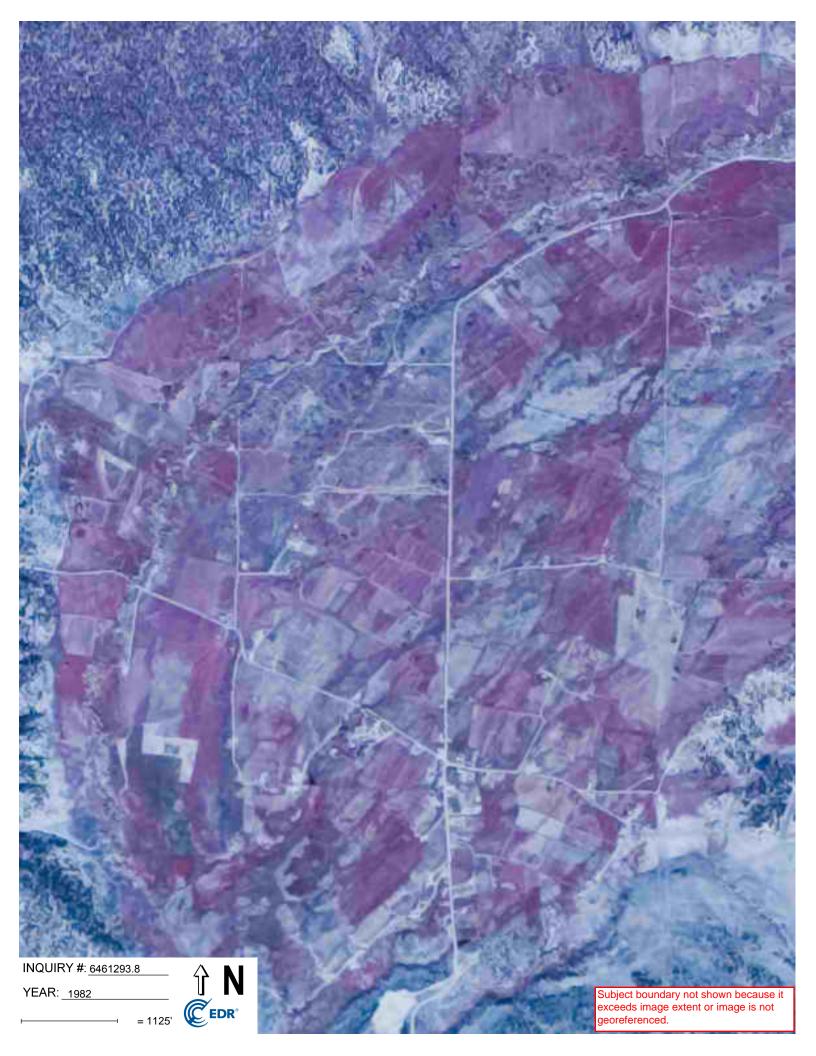
STREET AND ADDRESS INFORMATION

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CANJILON WATERLINE IMPROVEMENTS COUNTY RD 293 A

Tierra Amarilla, NM 87575

Inquiry Number: 6461293.3

April 22, 2021

Certified Sanborn® Map Report



Certified Sanborn® Map Report

04/22/21

Site Name: Client Name:

CANJILON WATERLINE IMPR COUNTY RD 293 A Tierra Amarilla, NM 87575 EDR Inquiry # 6461293.3 U.S. Army Corps of Engineers 4101 Jefferson Plaza N.E. Albuquerque, NM 83435

Contact: SANTIAGO GALLEGOS



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

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

Certified Sanborn Results:

Certification # CF00-49CF-BBDB

PO# NA

Project CANJILON WATER IMPROVEMENTS 2

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 #: CF00-49CF-BBDB

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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CANJILON WATERLINE IMPROVEMENTS COUNTY RD 293 A

Tierra Amarilla, NM 87575

Inquiry Number: 6461293.4

April 22, 2021

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

04/22/21

Site Name: Client Name:

CANJILON WATERLINE IMPR COUNTY RD 293 A Tierra Amarilla, NM 87575

EDR Inquiry # 6461293.4

U.S. Army Corps of Engineers 4101 Jefferson Plaza N.E. Albuquerque, NM 83435

Contact: SANTIAGO GALLEGOS



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by U.S. Army Corps of Engineers 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.

		000.4400.		
P.O.#	NA	Latitude:	36.491911 36° 29' 31" North	
Project:	CANJILON WATER IMPROVE	Longitude:	-106.437792 -106° 26' 16" West	
-		UTM Zone:	Zone 13 North	
		UTM X Meters:	371220 77	

Coordinates:

UTM X Meters: 371220.77 UTM Y Meters: 4039471.87

Elevation: 7866.36' above sea level

Maps Provided:

Search Results:

2013

1995

1979, 1983

1955

1953

1918

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Topo Sheet Key

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

2013 Source Sheets



Cebolla 2013 7.5-minute, 24000



Canjilon 2013 7.5-minute, 24000

1995 Source Sheets



Cebolla 1995 7.5-minute, 24000 Aerial Photo Revised 1990



Canjilon 1995 7.5-minute, 24000 Aerial Photo Revised 1990

1979, 1983 Source Sheets



Canjilon 1979 7.5-minute, 24000 Aerial Photo Revised 1977



Cebolla 1983 7.5-minute, 24000 Aerial Photo Revised 1976

1955 Source Sheets



Cebolla 1955 15-minute, 62500 Aerial Photo Revised 1952

Topo Sheet Key

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

1953 Source Sheets



Canjilon 1953 7.5-minute, 24000 Aerial Photo Revised 1951

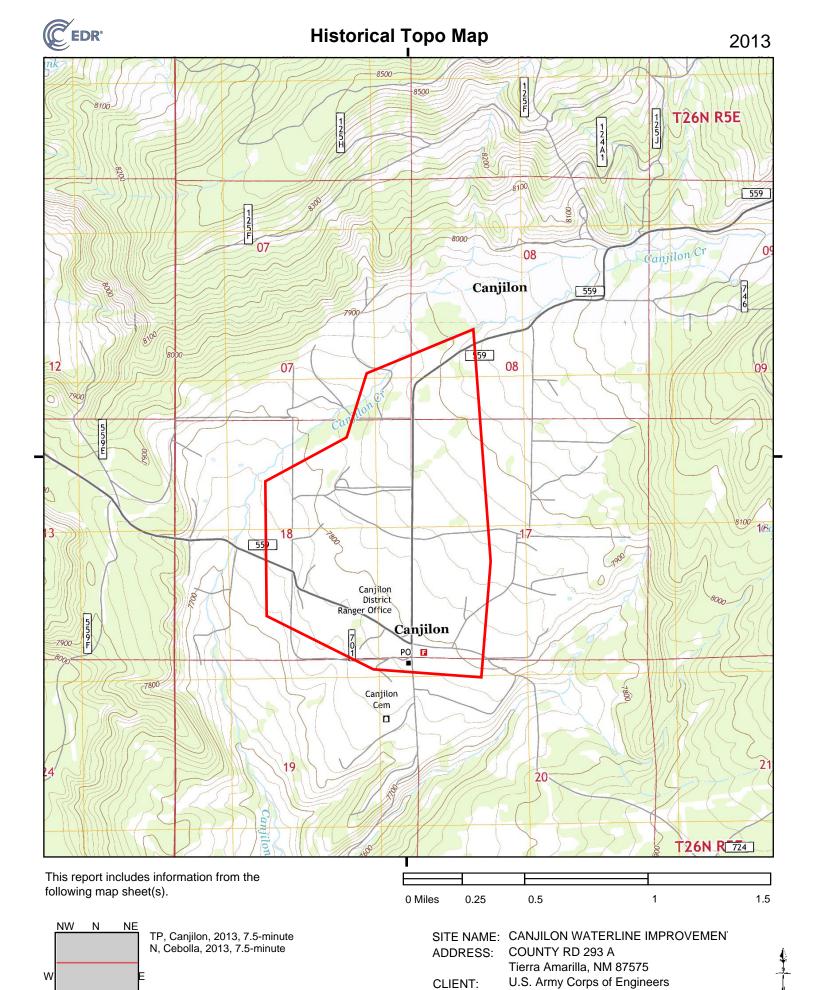
1918 Source Sheets



Tusas 1918 30-minute, 125000



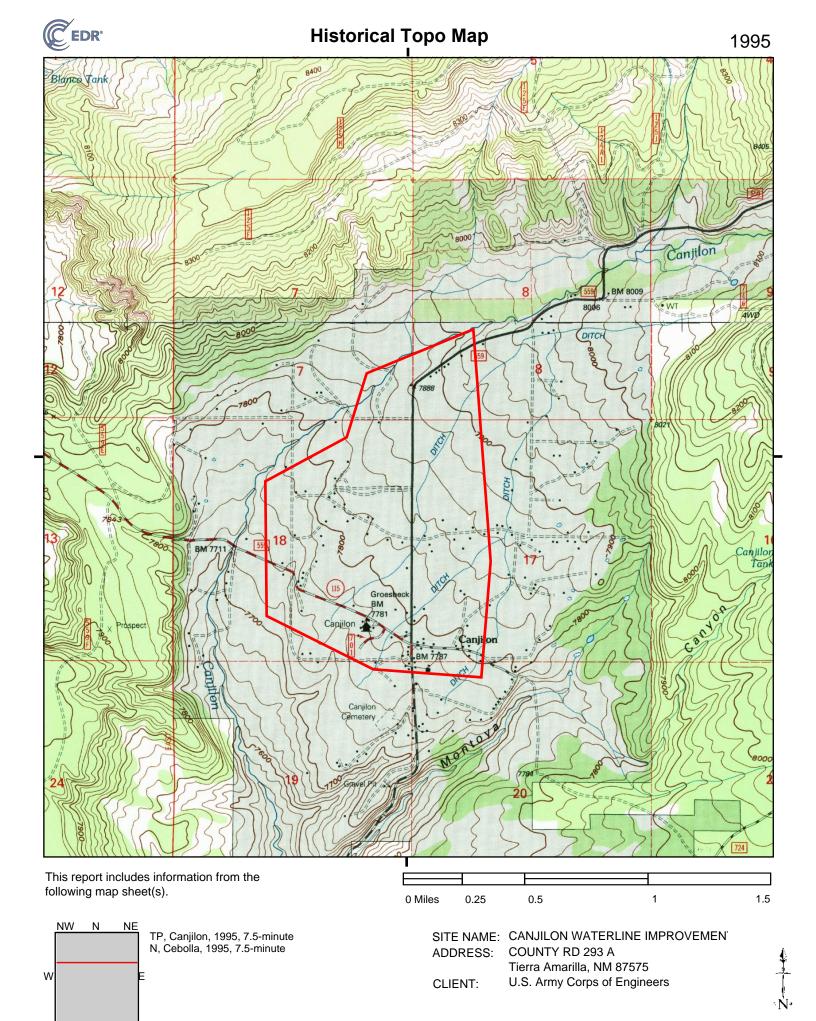
Abiquiu 1918 30-minute, 125000

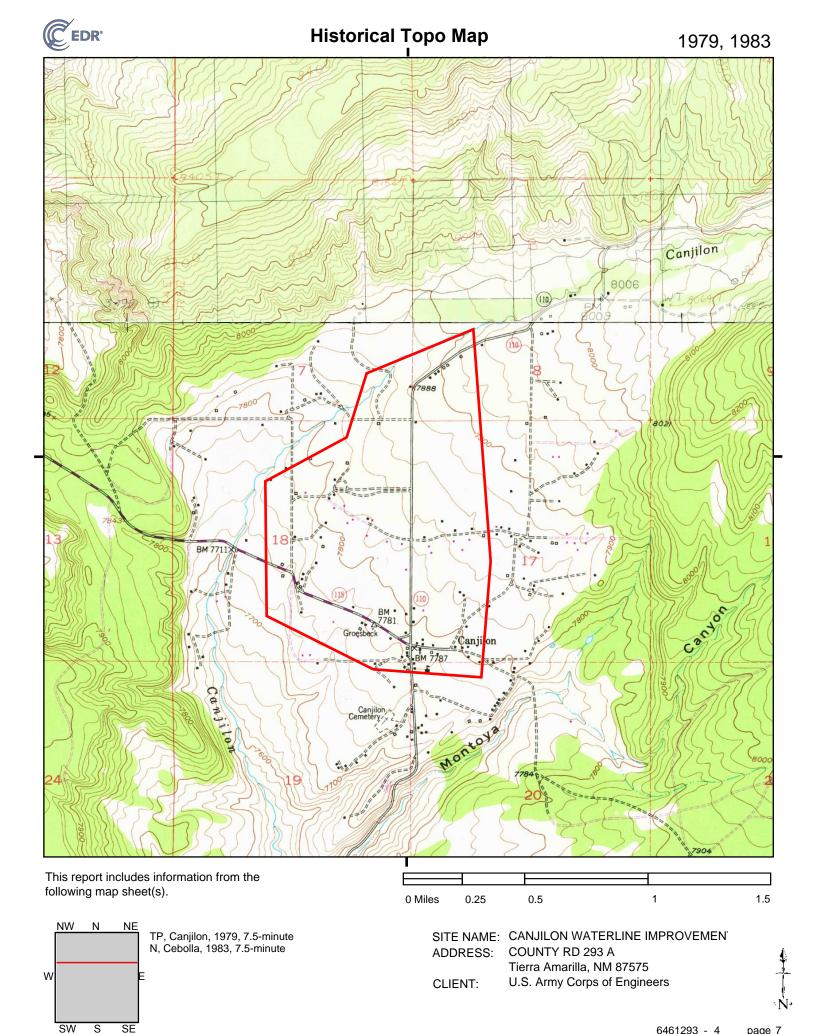


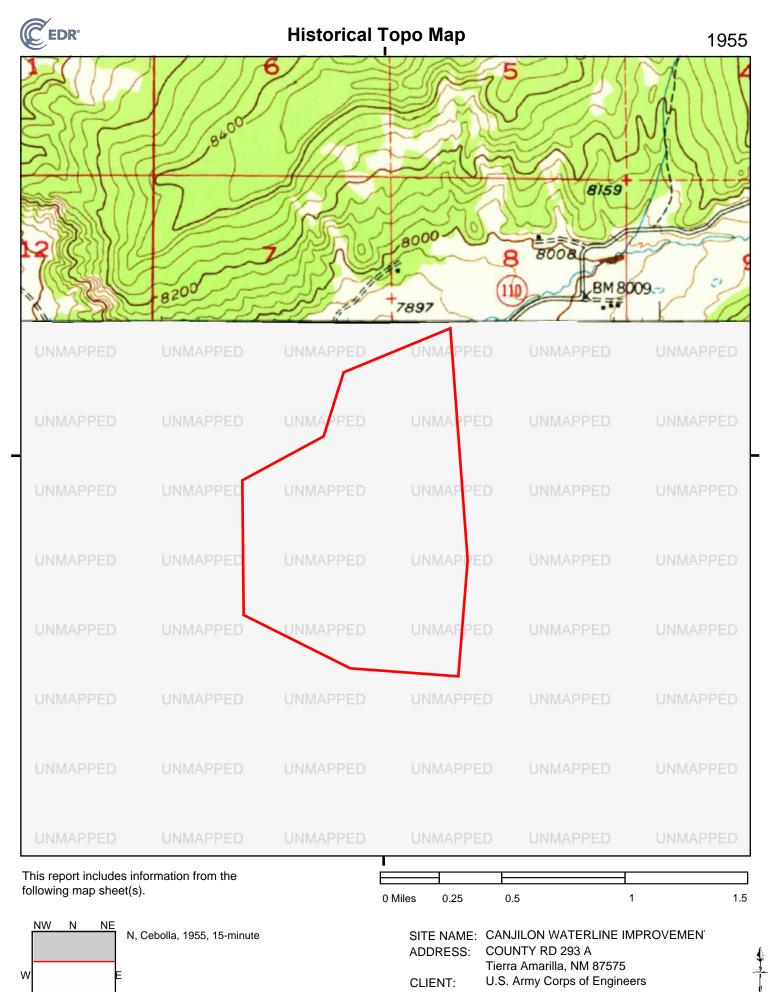
SW

S

SE



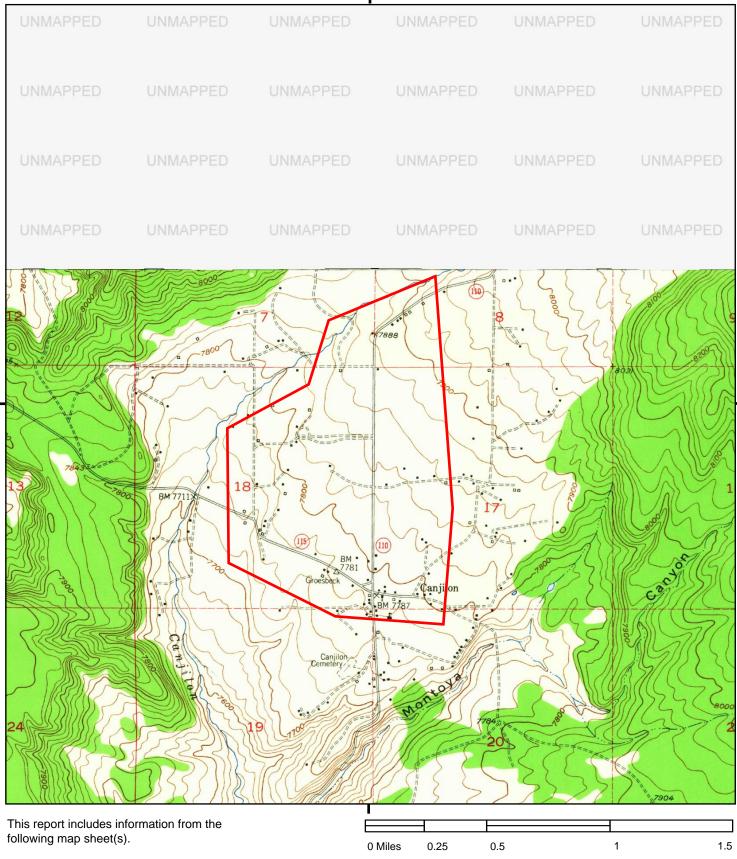








Historical Topo Map



NW N NE TP, Canjilon, 1953, 7.5-minute
W

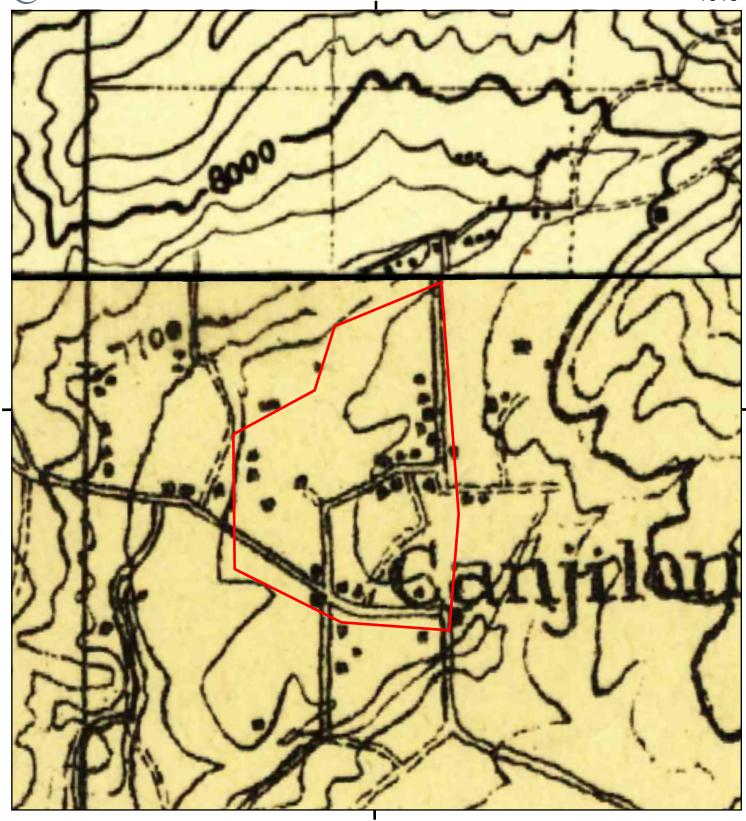
SITE NAME: CANJILON WATERLINE IMPROVEMEN'

ADDRESS: COUNTY RD 293 A

CLIENT:

Tierra Amarilla, NM 87575 U.S. Army Corps of Engineers

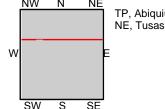




0 Miles

0.25

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



TP, Abiquiu, 1918, 30-minute NE, Tusas, 1918, 30-minute SITE NAME: CANJILON WATERLINE IMPROVEMEN

ADDRESS: COUNTY RD 293 A

0.5

Tierra Amarilla, NM 87575

CLIENT: U.S. Army Corps of Engineers



1.5

Phase I Environmental Site Assessment (ASTM E2247-16) Interview

Interviewer: Santiago Gallegos, USACE-SPA-ECGE

Interviewee: Adriano Valdez (575-684-2479) Interview Date: April 06, 2021, over the phone

Site Visit Date: April 07, 2021

Project: PHII Water System Improvements, Canjilon

General location: Canjilon, NM

Description (lat/long, Section, Township, Range):

What is your title/relationship to the property?

Property owner, resident for 49 yrs.

Do you have any specialized knowledge or experience that is material to any recognized environmental conditions in connection with the property (for example, affecting value, deed restrictions)?

No.

Do you have any knowledge of any of the documents listed in Attachment 1 have been generated?

Septic tanks, a powerline will be right above the waterline. No gas stations, stored drums, old cars, or landfill. Trash pickup in the area.

Do you have any knowledge of: (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

No knowledge of Petroleum in the area, no above ground storage tanks for residential farm use.

Provide any additional Environmental Site Ass	 of the	site	that will	support	the P	hase I
Adriano Valdez				04/06/2	1	
Land Owner			Date		,	

Attachment 1: Helpful documents

- Environmental site assessment reports.
- Environmental compliance audit reports.
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System (NPDES) permits, underground injection permits).
- Registrations for underground and aboveground storage tanks
- Registrations for underground injection systems.
- Material safety data sheets and safety data sheets.
- Community right-to-know plan.
- Safety plans, preparedness and prevention plans, spill prevention, countermeasure and control plans, facility response plans, and so forth.
- Reports regarding hydrogeologic conditions on the property or surrounding area.
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.
- Hazardous waste generator notices or reports.
- Geotechnical studies.
- Risk assessments.
- Recorded Land Use Restrictions and Institutional Controls.

Phase I Environmental Site Assessment (ASTM E2247-16) Interview

Interviewer: Santiago Gallegos, USACE-SPA-ECGE

Interviewee: Norman Vigil (575-684-0042) Interview Date: Aril 05, 2021, over the phone

Site Visit Date: April 07, 2021

Project: PHII Water System Improvements, Canjilon

General location: Canjilon, NM

Description (lat/long, Section, Township, Range):

What is your title/relationship to the property?

Resident – born and raised, Part of water association.

Do you have any specialized knowledge or experience that is material to any recognized environmental conditions in connection with the property (for example, affecting value, deed restrictions)?

I am not aware of any. There easements for the waterline from the 1970s. Now they want to use county right of way. Small meadows but not next to the river.

Do you have any knowledge of any of the documents listed in Attachment 1 have been generated?

A lot of times the waterline leaks because the old line used was minimum size. Pipeline has reached life expectancy. Will not go through any wetlands and not next to the river. May cross an acacia.

Do you have any knowledge of: (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

No neighboring properties that may have old vehicles stored or barrels/drums stored.

Provide any additional knowledge of the Environmental Site Assessment.	site that will support the Phase I
None	
Norman Vigil	04/05/21
Land Owner	Date

Attachment 1: Helpful documents

- Environmental site assessment reports.
- Environmental compliance audit reports.
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System (NPDES) permits, underground injection permits).
- Registrations for underground and aboveground storage tanks
- Registrations for underground injection systems.
- Material safety data sheets and safety data sheets.
- Community right-to-know plan.
- Safety plans, preparedness and prevention plans, spill prevention, countermeasure and control plans, facility response plans, and so forth.
- Reports regarding hydrogeologic conditions on the property or surrounding area.
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.
- Hazardous waste generator notices or reports.
- Geotechnical studies.
- Risk assessments.
- Recorded Land Use Restrictions and Institutional Controls.

Phase I Environmental Site Assessment (ASTM E2247-16) Interview

Interviewer: Santiago Gallegos, USACE-SPA-ECGE

Interviewee: Ray Martinez (575-684-2200) Interview Date: April 06, 2021, over the phone

Site Visit Date: April 07, 2021

Project: PHII Water System Improvements, Canjilon

General location: Canjilon, NM

Description (lat/long, Section, Township, Range):

What is your title/relationship to the property?

Own property next to the right of way for the project.

Do you have any specialized knowledge or experience that is material to any recognized environmental conditions in connection with the property (for example, affecting value, deed restrictions)?

When I was a federal employee, I used to issue permits for the association to make improvements on federal land (i.e. waterline project).

Do you have any knowledge of any of the documents listed in Attachment 1 have been generated?

Issued permits for construction projects. I renewed the permit for the existing water tanks. Gas stations in the area closed roughly 30 yrs ago, they were not in the area of phase II. There was a landfill south of Canjilon but it is closed. There are no recycle centers.

Do you have any knowledge of: (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

No knowledge of any issues.

Provide any additional Environmental Site Ass	 of the sit	e that wi	ll support	the Phase I
Ray Martinez			04/06/2	1
Land Owner		Date		

Attachment 1: Helpful documents

- Environmental site assessment reports.
- Environmental compliance audit reports.
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System (NPDES) permits, underground injection permits).
- Registrations for underground and aboveground storage tanks
- Registrations for underground injection systems.
- Material safety data sheets and safety data sheets.
- Community right-to-know plan.
- Safety plans, preparedness and prevention plans, spill prevention, countermeasure and control plans, facility response plans, and so forth.
- Reports regarding hydrogeologic conditions on the property or surrounding area.
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.
- Hazardous waste generator notices or reports.
- Geotechnical studies.
- Risk assessments.
- Recorded Land Use Restrictions and Institutional Controls.