



---

Consultants in Natural Resources and the Environment

**Phase I Environmental Site Assessment  
Crowsnest Development Property  
Crowfoot Valley Road and Pradera Parkway  
Douglas County, Colorado**

Prepared for—

VT Crowfoot Valley Landco LLC  
8678 Concord Center Drive, Suite 200  
Englewood, Colorado, 80112

Prepared by—

ERO Resources Corporation  
1626 Cole Boulevard, Suite 100  
Lakewood, Colorado 80401  
(303) 830-1188  
ERO Project #25-293

January 15, 2026

*Per ASTM E1527-21 §4.6, this Phase I ESA is considered valid through:  
May 31, 2026*

## Contents

Summary .....	iv
1.0 Introduction .....	1
1.1 Location and Legal Description .....	1
1.2 Site and Vicinity General Characteristics.....	4
1.3 Purpose.....	4
1.4 Scope of Work .....	5
1.5 Limitations, Exceptions, and Assumptions.....	5
1.6 Deviations.....	6
1.7 Special Terms and Conditions .....	6
1.8 User Reliance .....	6
2.0 User-Provided Information .....	6
2.1 Owner, Property Manager, and Occupant Information.....	6
2.2 Land Title Records/Environmental Liens or Activity and Use Limitations.....	6
2.3 Actual or Specialized Knowledge.....	6
2.4 Valuation Reduction for Environmental Issues .....	6
2.5 Commonly Known or Reasonably Ascertainable Information .....	7
2.6 Degree of Obviousness.....	7
2.7 Reason for Performing Phase I.....	7
3.0 Records Review .....	7
3.1 Physical Setting.....	7
3.2 Current and Future Use of the Subject Property .....	7
3.3 Structures, Roads, or Other Improvements on the Subject Property.....	7
3.4 Historical Use Information for the Subject Property and Adjoining Properties.....	9
3.4.1 Historical Aerial Photographs .....	9
3.4.2 Historical Topographic Maps .....	11
3.5 Previous Environmental Reports .....	12
3.6 Standard Environmental Record Sources.....	12
3.6.1 State and Tribal Leaking Storage Tank Sites .....	13
3.6.2 State and Tribal Registered Storage Tank Sites .....	13
3.7 Additional Environmental Record Sources.....	13
3.7.1 Colorado Oil and Gas Conservation Commission Records.....	13
3.7.2 Colorado Department of Public Health and Environment.....	14
3.7.3 Colorado Department of Labor and Employment, Division of Oil and Public Safety (CDLE/OPS) .....	14
3.7.4 Colorado Division of Water Resources .....	14
3.7.5 Colorado Division of Reclamation, Mining, and Safety.....	14
3.8 Vapor Encroachment Evaluation .....	15
3.9 Emerging Contaminants .....	15
4.0 Site Reconnaissance.....	15
4.1 Methodology and Limiting Conditions .....	15
4.2 General Site Setting .....	15
4.2.1 Storage Tanks.....	16
4.2.2 Odors.....	16

4.2.3 Pools of Liquid.....	16
4.2.4 Drums/Containers.....	16
4.2.5 Hazardous Substance and Petroleum Products Materials/Waste Use or Storage.....	16
4.2.6 Transformers/Polychlorinated Biphenyls (PCBs).....	16
4.3 Exterior Observations .....	16
4.3.1 Pits, Ponds, and Lagoons.....	16
4.3.2 Stained Soil or Pavement.....	17
4.3.3 Stressed Vegetation .....	17
4.3.4 Solid Waste Disposal .....	17
4.3.5 Wastewater Discharge.....	17
4.3.6 Wells .....	17
4.3.7 Process Equipment .....	17
4.3.8 On-Site Septic Systems .....	17
4.4 Interior Observations .....	17
4.4.1 Heating and Cooling.....	18
4.4.2 Drains and Sumps .....	18
4.4.3 Stains or Corrosion.....	18
5.0 Interviews.....	18
5.1 Interview with Owner Representatives.....	18
5.2 Interviews with Local Government Officials.....	19
5.2.1 Interview with Local Health Department .....	19
5.2.2 Interview with Local Fire Department .....	19
6.0 Evaluation .....	19
6.1 Findings.....	19
6.2 Opinion .....	20
6.3 Data Gap Summary.....	20
6.4 Conclusions.....	22
6.5 Environmental Professionals Statement .....	23
7.0 References .....	24

## Tables

Table 1. Subject Property Parcel Information.....	1
Table 2. Subject property structure information.....	8
Table 3. Summary of publicly available environmental records.....	13
Table 4. Water well information.....	14
Table 5. Findings and opinion summary.....	20
Table 6. Historical data gap analysis .....	21

## Figures

Figure 1. Vicinity Map .....	2
Figure 2. Site Plan.....	3

## **Appendices**

- Appendix A Site Photographs
- Appendix B Environmental Records
- Appendix C Qualifications of Environmental Professionals
- Appendix D Phase I ESA Work Scope

## Summary

VT Crowfoot Valley Landco LLC retained ERO Resources Corporation (ERO) to conduct a Phase I Environmental Site Assessment (Phase I ESA) for the Crowsnest Development property near the intersection of Crowfoot Valley Road and Pradera Parkway in Douglas County, Colorado (hereafter called the subject property). ERO performed this Phase I ESA according to the “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (ASTM E1527-21 Standard (ASTM 2021). This Phase I ESA consists of a review of historical information and federal, state, and local records; interviews with persons knowledgeable of the subject property; a site reconnaissance; and preparation of this report.

**Subject Property Description.** The subject property consists of 16 parcels of land totaling 794.5 acres. Historically, the subject property has been residential, agricultural, a clay mine, and undeveloped and the surrounding area has been residential, agricultural, and undeveloped.

**Records Review.** Federal, state, and local records do not identify any records of sites or incidents typically associated with recognized environmental conditions (RECs) on or near the subject property except for a small UST removed from the 6645 Crowfoot Valley Road parcel in the northeast portion of the subject property in May 2025. Records for the removal did not identify any releases from the tank and the tank was granted regulatory closure. Two former clay mines were identified on the subject property in historical records.

**Site Reconnaissance and Interviews.** During the site reconnaissance, ERO inspected the subject property by walking the perimeter and traversing the interior. The majority of the subject property is undeveloped and vegetated with grasses, weeds, shrubs, and trees with areas of current single family, rural residential land use and an abandoned farmstead in the northeast portion. The topography in the vicinity of the subject property generally slopes toward Lemon Gulch, which flows through the property from southwest to northeast. Lemon Gulch was dry during the site reconnaissance. Dirt roads cross the central portions of the subject property to access a farmstead in the west-central portion of the subject property and the former clay mines in the north-central and central portions. A dirt driveway accesses an abandoned farmstead in the northeast portion of the subject property. Paved driveways access a residence and a storage building in the southeast portion of the subject property and residences in the southwest portion. Four occupied residences are on the subject property (two in the southwest portion, one in the southeast portion, and one in the west-central portion), an abandoned residence is in the northeast portion, and numerous outbuildings are near the residences. The adjoining parcels are residential or undeveloped.

During the site reconnaissance, ERO observed the following typically associated with RECs:

- Pole- and pad-mounted electrical transformers in the developed areas of the subject property;
- Drums that were either empty or contained trash;
- Containers of maintenance products in storage buildings on the Crowfoot Castle parcel;
- Domestic water well at the Crowfoot Castle residence;
- Discarded and/or spilled containers of motor oil, petroleum products, and glass jars of unknown contents were observed in an outhouse and outbuilding within the area of the abandoned farmstead; and

- Several of the structures in the northeast, abandoned farmstead area were significantly deteriorated such that roofing and building materials were observed to be scattered around the structures as well as within the collapsed buildings.

No additional site conditions typically associated with RECs were identified during interviews with persons familiar with the subject property.

**Conclusion.** ERO performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of the Crowsnest Development property in Douglas County, Colorado, subject property. Any exceptions to or deletions from this practice are described in the *Introduction* section of this report. This assessment has revealed the following RECs and significant data gap in connection with the subject property:

- Numerous containers of petroleum products and suspected hazardous substances were observed to be discarded within various structures on the abandoned farmstead parcel with indications of releases from several of the containers. The aggregate of the containers, lack of housekeeping, and indications of releases constitute a REC associated with the subject property;
- Many of the structures within the abandoned farmstead area contained roofing and/or building materials of which the asbestos content is unknown, which is a significant data gap. Should the materials be asbestos-containing, an asbestos release to the subject property may have occurred; and
- ERO was not able to interview any persons with an operational history of the abandoned farmstead parcel, which is a significant data gap because of the observed use or storage of petroleum products and hazardous substances within the structures. It is unknown if any persons remain that are familiar with the operational history of the parcel.

In accordance with the ASTM standard, this Phase I ESA is presumed to be valid if completed less than 180 days prior to property acquisition or intended transaction.

# Phase I Environmental Site Assessment

## Crowsnest Development Property Crowfoot Valley Road and Pradera Parkway Douglas County, Colorado

January 15, 2026

### 1.0 Introduction

VT Crowfoot Valley Landco LLC retained ERO Resources Corporation (ERO) to conduct a Phase I Environmental Site Assessment (Phase I ESA) for the Crowsnest Development property near the intersection of Crowfoot Valley Road and Pradera Parkway in Douglas County, Colorado (the subject property). The area surrounding the subject property is shown on Figure 1. This report presents the findings, opinions, and conclusions of this Phase I ESA.

This Phase I ESA was performed to satisfy the Work Scope and contract between VT Crowfoot Valley Landco LLC and ERO dated November 12, 2025 (Appendix D). The conclusions in this report are based on limited observations and investigations described herein at the time this Phase I ESA was conducted; future events may alter these findings.

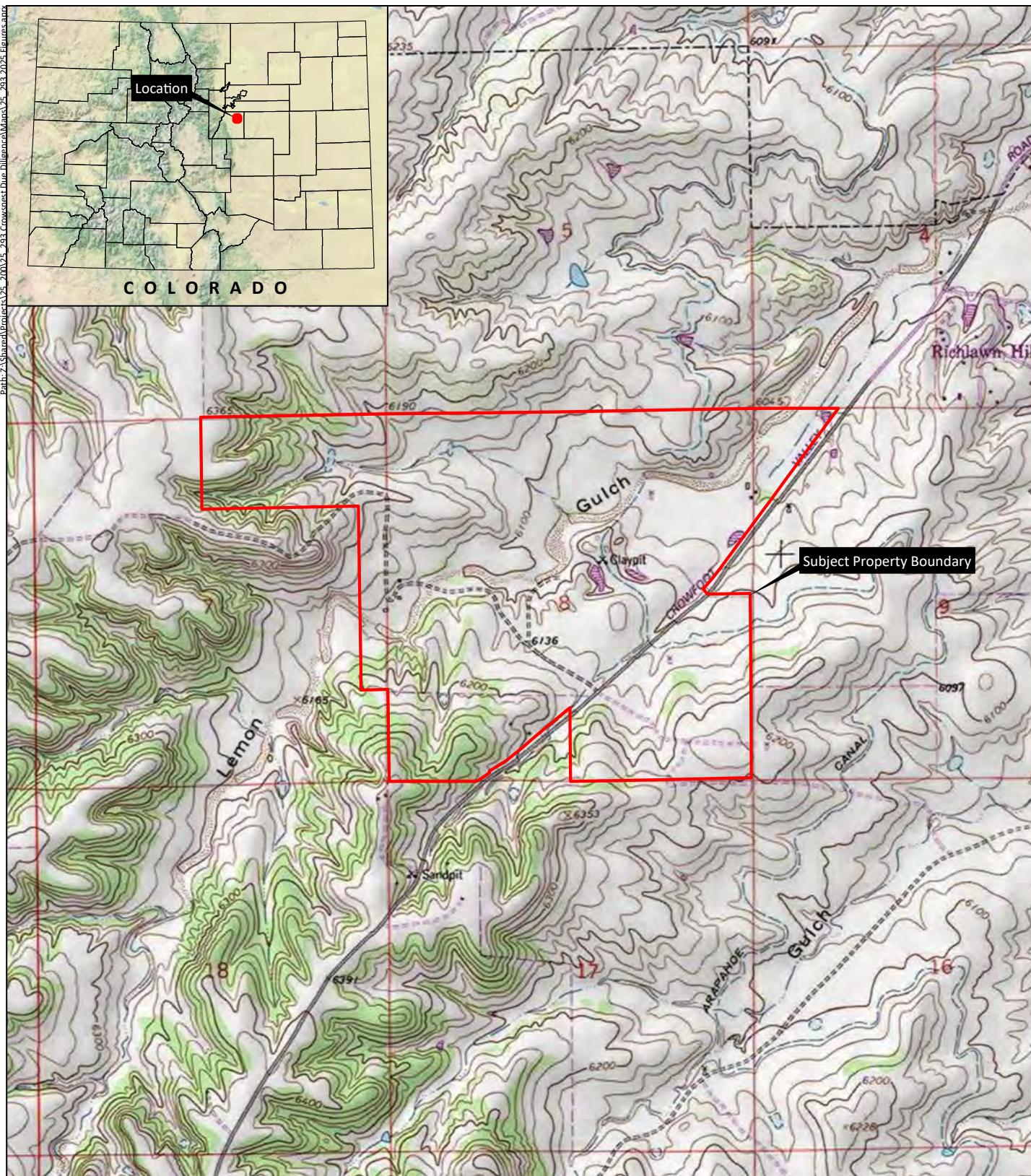
#### 1.1 Location and Legal Description

The subject property is in Sections 7, 8, and 9, Township 7 South, Range 66 West of the 6<sup>th</sup> Principal Meridian in Douglas County, Colorado. According to the Douglas County Assessor's Office, the subject property details are listed in Table 1 below (Douglas County Assessor's Office 2025):

**Table 1. Subject Property Parcel Information**

Parcel ID	Parcel Size (Acres)	Parcel Location on Subject Property	Parcel Owner
2340-070-00-023	80	Northwest Portion	Crowfoot Acres LLC
2340-080-00-003	40	North-Central Portion	
2349-082-00-003	94.2	Central Portion	
2349-082-00-001	55.72	North-central Portion	Pinaka Holdings LLC
2349-083-00-003	94.21	West-Central Portion	
2349-080-00-026	0.952	South Portion	Crowfoot Hills LLC
2349-080-00-019	53.878	East Portion	
2340-084-00-001	44.843	Southeast Portion	6244 N Crowfoot Valley Road LLC
2349-080-00-037	2.65	Southeast Portion	
2349-080-00-041	40.738	Southeast Portion	Crowfoot Castle LLC
2349-080-00-042	34.822	Southeast Portion	
2349-080-00-038	0.25	Southeast Portion	
2349-080-01-002	24.274	Southwest Portion	Douglas S Austin
2349-080-00-015	39.967	Southwest Portion	NDIRA INC FBO Douglas S Austin Roth IRA
2349-080-00-031	116.089	Northeast Portion	Arla Land Holdings LLC
2349-090-00-010	22.946	Northeast Portion	

The subject property location and extent subject to this Phase I ESA are shown on Figure 1 and Figure 2.



### Crowsnest Development

Sections 7, 8, and 9, T7S, R66W; 6th PM

UTM NAD 83: Zone 13N; 516664mE, 4367471mN

Longitude 104.806309°W, Latitude 39.456645°N

USGS Castle Rock North, CO Quadrangle

Douglas County, Colorado

Hybrid Reference Layer: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

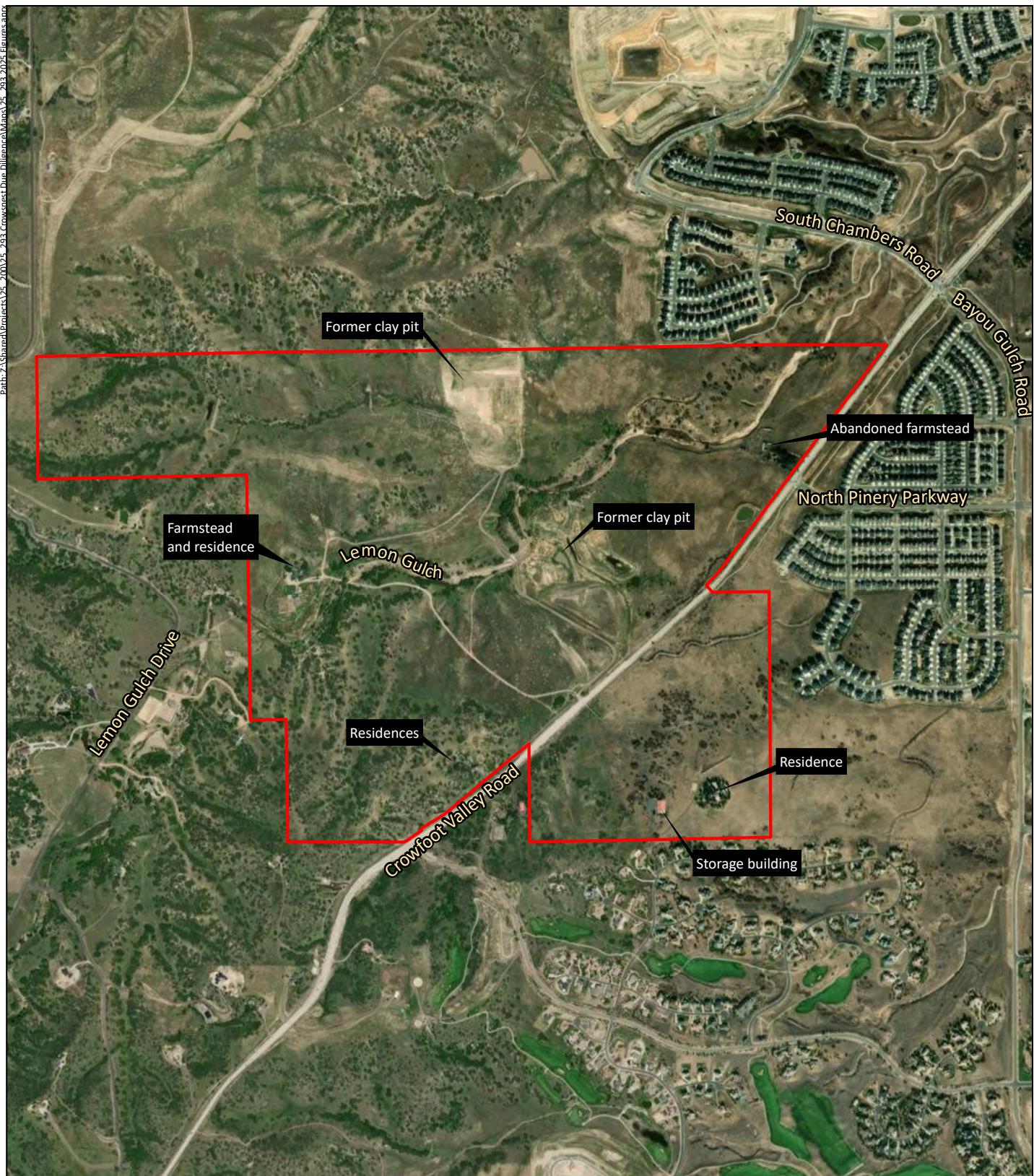
USA\_Topo\_Maps: Copyright: © 2013 National Geographic Society, i-cubed

0 1,000 2,000  
feet

**Figure 1**  
**Vicinity Map**

Prepared for: Ventana Capital, LLC  
File: 25\_293 2025 Figures.mxd [dIH]  
November 18, 2025

**ERO**  
ERO Resources Corp.



Crowsnest Development

 Subject Property Boundary

0 750 1,500 feet



Figure 2  
Site Plan

Prepared for: Ventana Capital, LLC  
File: 25\_293 2025 Figures.mxd [dLH]  
December 5, 2025

**ERO**  
ERO Resources Corp.

## 1.2 Site and Vicinity General Characteristics

The subject property consists of 16 parcels of land totaling 794.5 acres. The subject property is bound by residential and undeveloped land on all sides. The surrounding area consists of residential and undeveloped land (Figure 2).

## 1.3 Purpose

ERO conducted this Phase I ESA to identify recognized environmental conditions (RECs) associated with the property. The term REC means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to a release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment<sup>1</sup>. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

Three additional conditions indicative of releases of hazardous substances or petroleum products on a subject property may be identified. These consist of the following:

**Controlled recognized environmental condition (CREC)** – when a past release of hazardous substances or petroleum products has occurred and has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, subject property use restrictions, activity and use limitations, institutional controls, or engineering controls). This designation does not imply that ERO has evaluated or confirmed the adequacy, implementation, or effectiveness of the controls.

**Historical recognized environmental condition (HREC)** – when a past release of any hazardous substances or petroleum products has occurred in connection with the subject property and has been addressed to the satisfaction of the applicable regulatory authority or meets unrestricted use criteria established by a regulatory authority without any required controls.

***De minimis* conditions** – those conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs.

While no Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a subject property, the environmental conditions of the subject property have been investigated in accordance with ASTM Standard E1527-21, developed to define commercial and customary practices for Phase I ESAs. The Phase I ESA process is not an exhaustive assessment of a subject property; it is intended to reduce but not eliminate uncertainty regarding the potential for RECs in connection with the

---

<sup>1</sup> ASTM 2021 Definition —(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

subject property, recognizing the limits of time and cost. In addition, this Phase I ESA was performed to permit the user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability: that is, the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the subject property consistent with good commercial or customary practice” as defined in 42 U.S.C. Section 9601(35)(B).

## **1.4 Scope of Work**

This Phase I ESA was conducted in accordance with ASTM E1527-21, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” Deviations from this practice, if any, are listed in Section 1.6. ERO’s Work Scope is included in Appendix D. This Phase I ESA generally consists of four components:

- A review of reasonably ascertainable historical and regulatory database records to help identify RECs in connection with the subject property.
- A site reconnaissance to visually and physically observe the subject property, the adjoining properties, and the surrounding area.
- Interviews with the user of the Phase I ESA, the subject property owner representatives, and local government officials to help identify RECs associated with the subject property.
- A report and evaluation of the information collected as part of this Phase I ESA that presents ERO’s findings, opinions, and conclusions.

## **1.5 Limitations, Exceptions, and Assumptions**

This Phase I ESA was performed in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental professionals. A lack of evidence of the presence of hazardous substances or petroleum products during this Phase I ESA does not guarantee the absence of such materials; it merely indicates that none were identified within the contracted scope of this Phase I ESA. Unforeseen conditions may significantly affect the ability to make conclusions based solely on the level of effort mutually agreed upon to conduct this Phase I ESA, which may ultimately affect the level of risk. ERO shall not be held responsible for any conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed. The opinions and conclusions in this report are based on commonly known, reasonably ascertainable, publicly available information and site reconnaissance observations described herein at the time this Phase I ESA was conducted. Future events or changes in publicly available information may alter the findings, opinions, and conclusions of this report. No other warranty, expressed or implied, is made as to the professional opinions included in this report.

The following issues are specifically excluded from this Phase I ESA: wetlands, migratory birds, asbestos-containing materials, radon, lead-based paint, lead in drinking water, mold, and ownership of subsurface mineral rights or leases. Aside from those stated in the Work Scope in Appendix D and those listed above, no significant assumptions apply to this Phase I ESA.

## **1.6 Deviations**

This Phase I ESA was conducted with no known deviations from the ASTM Standard Practice for Environmental Site Assessments (ASTM 2021).

## **1.7 Special Terms and Conditions**

No special terms or conditions apply to this Phase I ESA.

## **1.8 User Reliance**

This report is for the use and benefit of VT Crowfoot Valley Landco LLC and is not to be used by others without the prior written consent of ERO. No other party shall rely on the information contained herein without the prior written consent of VT Crowfoot Valley Landco LLC or ERO.

# **2.0 User-Provided Information**

Mr. Daniel Williams with VT Crowfoot Valley Landco LLC, the user of this Phase I ESA, completed a User Questionnaire regarding his knowledge of the subject property. Mr. Williams has been associated with the subject property for two months. The following sections present the information provided by Mr. Williams (Williams 2026).

## **2.1 Owner, Property Manager, and Occupant Information**

According to Mr. Williams, the subject property consists of 15 parcels owned and managed by eight different entities. There are occupants on three of the parcels of the subject property (Williams 2026).

## **2.2 Land Title Records/Environmental Liens or Activity and Use Limitations**

The ASTM E1527-21 practice indicates that it is the responsibility of the user of this Phase I ESA, VT Crowfoot Valley Landco LLC, to identify any environmental liens and activity use limitations (AULs) recorded or filed against the subject property. Mr. Williams was unaware of any environmental liens or AULs associated with the subject property (Williams 2026).

## **2.3 Actual or Specialized Knowledge**

According to Mr. Williams, he does not have any actual or specialized knowledge of any uses or incidents on the subject property that would indicate RECs in connection with the subject property except for a former underground storage tank on the northeast parcel of the subject property that was removed in 2025 (Williams 2026).

## **2.4 Valuation Reduction for Environmental Issues**

According to Mr. Williams, the proposed purchase/acquisition price of the subject property does not reflect a reduction in value below fair market value for reasons of known contamination on the subject property (Williams 2026).

## **2.5 Commonly Known or Reasonably Ascertainable Information**

According to Mr. Williams, he is not aware of any commonly known or reasonably ascertainable information in the local community that would indicate RECs in connection with the subject property (Williams 2026).

## **2.6 Degree of Obviousness**

According to Mr. Williams, to his knowledge, there is no obvious indication of releases or threatened releases on the subject property (Williams 2026).

## **2.7 Reason for Performing Phase I**

According to Mr. Williams, this Phase I ESA is being conducted for subject property acquisition and landowner liability protection under CERCLA as described in Section 1.3 (Williams 2026).

# **3.0 Records Review**

## **3.1 Physical Setting**

The elevation of the subject property ranges from 6,035 to 6,370 feet above sea level (U.S. Geological Survey [USGS] 2022). Surface geology in the area is characterized by alluvial and colluvial deposits of sand and gravel underlain by sandstones, claystones, and conglomerates of the Dawson Formation (Thorson 2005). According to the USGS, depth to the uppermost groundwater beneath the subject property and vicinity is generally more than 20 feet and commonly more than 100 feet below ground surface (bgs) except around Lemon Gulch, where groundwater is between 5 and 10 feet bgs (Hillier et al. 1983). According to topographic information from the USGS 7.5-minute quadrangle map, surface water on the subject property flows toward Lemon Gulch, which flows to the northeast through the center of the subject property (USGS 2022). Based on the topography and field observations, the expected flow direction of the uppermost groundwater is to the northeast.

## **3.2 Current and Future Use of the Subject Property**

The majority of the subject property is currently undeveloped, with residences and outbuildings on five of the subject property's parcels. According to VT Crowfoot Valley Landco LLC, the subject property is proposed for residential development.

## **3.3 Structures, Roads, or Other Improvements on the Subject Property**

Thirty-four structures are on the subject property (Table 2) with details obtained from Douglas County (Douglas County 2025).

**Table 2. Subject property structure information.**

Address and (Property Owner)	Building (Year Built)	Square Feet	Building Details
6237 Crowfoot Valley Road (Pinaka Holdings LLC)	Outbuilding ruins (Unknown)	560	1-story wood frame, metal siding and roof
6117/6119 Crowfoot Valley Road (Doug Austin)	Residence (1982)	1,433	2-story wood frame and siding, asphalt shingle roof
	Residence (1930)	614	1-story wood frame and siding, asphalt shingle roof
	Equipment Storage (1997)	768	1-story metal frame, siding, and roof
	Loafing shed (1945)	326	1-story wood frame and siding, metal roof
	Loafing shed (1945)	240	1-story wood frame and siding, asphalt shingle roof
6233 Crowfoot Valley Road (Crowfoot Hills LLC)	Residence (1923)	1,332	1-story wood frame, shingle siding, metal roof
	Residence (1967)	2,126	1-story wood frame and siding, asphalt shingle roof
	Barn (1947)	1,226	1-story wood frame and siding, metal roof
	Hay shed (1947)	760	1-story wood frame, metal siding and roof
	Equipment shop (1960)	1,040	1-story metal frame, siding, and roof
	Outbuilding (1947)	276	1-story wood frame and siding, metal roof
	Loafing shed (1946)	252	1-story wood frame, siding, and roof
	Cattle shed (1946)	1,920	1-story wood frame and siding, metal roof
	Outbuilding (1947)	384	1-story wood frame and siding, metal roof
	Outbuilding (1947)	273	1-story wood frame and siding, metal roof
	Loafing shed (unknown)	180	1-story wood frame, metal siding and roof
	Root cellar (unknown)	230	1-story concrete walls, wood roof
6234 Crowfoot Valley Road (Crowfoot Castle LLC)	Residence (1999)	5,298	2-story wood frame, stucco siding, concrete tile roof
	Equipment storage (2001)	8,400	1-story wood frame, stucco siding, metal roof
	Storage shed (mid-2000s)	344	1-story wood frame and siding, metal roof
	Playhouse (mid-2000s)	120	1-story wood frame and siding, metal roof
	Bathroom (mid-2000s)	95	1-story wood frame and siding, metal roof
6645 Crowfoot Valley Road (Arla Land Holdings LLC)	Outdoor kitchen (mid-2000s)	270	wood frame, stucco siding, concrete tile roof
	Abandoned residence (1918)	1,680	2-story wood frame and siding, asphalt shingle roof
	Outbuilding (1918)	293	1-story wood frame, asphalt shingle roof
	Outbuilding (1918)	3,705	1-story wood frame, asphalt shingle roof
	Outbuilding (1918)	432	1-story wood frame, asphalt shingle roof
	Outbuilding (1918)	1,349	1-story wood frame, metal roof
	Outbuilding (1918)	330	1-story wood frame, asphalt shingle roof
	Outbuilding (1918)	312	1-story wood frame, asphalt shingle roof
	Outbuilding (1918)	560	1-story wood frame, asphalt shingle roof
	Outbuilding (1918)	960	1-story wood frame, metal roof
	Outbuilding (1918)	1,243	1-story wood frame, metal roof

Dirt roads access the Crowfoot Hills, Pinaka Holdings, and Arla Land Holdings parcels and paved driveways access the Doug Austin and Crowfoot Castle parcels. Each of the occupied residences are serviced by domestic water wells, septic tanks and leach fields, and propane tanks and electrical service is provided by CORE Electric Cooperative.

### **3.4 Historical Use Information for the Subject Property and Adjoining Properties**

ERO used the following standard historical sources to evaluate current and past uses of the subject property and adjoining properties:

- Aerial photographs from 1937 to 2025
- Historical topographic maps from 1894 to 2019

ERO encountered data failure with respect to the following additional historical sources for the site:

- Fire insurance maps – area is not covered (Environmental Risk Information Services (ERIS) 2023a)

Other standard historical sources for the site, such as street directories, property tax files, recorded land title records, building department records, or zoning/land use records, were not reasonably ascertainable, were not available, or, based on ERO's professional experience, are unlikely to be sufficiently useful, accurate, or complete and are unlikely to provide significant additional historical information with regard to the subject property.

#### ***3.4.1 Historical Aerial Photographs***

Historical aerial photographs from 1937 to 2025 showing the subject property and surrounding area were reviewed and are discussed below (ERIS 2023b; Google Earth 2025).

##### **1937 Aerial Photograph; Scale: 1 inch = 1,200 feet**

The 1937 aerial photograph shows the majority of the subject property and surrounding area to be undeveloped and used for cultivated agricultural fields or rangeland. A farmstead with a residence and several outbuildings is visible in the west-central portion of the subject property, accessed by a dirt road from Crowfoot Valley Road, which crosses through the east portion of the subject property. A farmstead with a residence and several outbuildings is visible in the northeast portion of the subject property, accessed by a dirt road from Crowfoot Valley Road. A small residence is visible in the southwest portion of the subject property. Lemon Gulch flows through the subject property from southwest to northeast and an irrigation ditch flows through the east portion of the subject property.

##### **1953 Aerial Photograph; Scale: 1 inch = 1,200 feet**

No significant changes to the surrounding area are visible in the 1953 aerial photograph compared with the previous photograph. Changes to the subject property consist of the following:

- Additional outbuildings are visible at the west-central farmstead; and
- A dirt two-track branches off the farmstead access road to the northeast to a small building on the south side of Lemon Gulch.

##### **1964 Aerial Photograph; Scale: 1 inch = 1,200 feet**

No significant changes to the surrounding area are visible in the 1964 aerial photograph compared with the previous photograph. Changes to the subject property consist of the following:

- Additional outbuildings are visible at the northeast farmstead

- Excavations for a clay mine are visible in the east-central portion of the subject property; and
- An earthen dam is visible on a tributary to Lemon Gulch in the northwest portion of the subject property.

**1971 and 1978 Aerial Photographs; Scale: 1 inch = 1,200 feet**

No significant changes to the surrounding area are visible in the 1971 and 1978 aerial photographs compared with the previous photograph except for an additional residence at the west-central farmstead.

**1984 Aerial Photograph; Scale: 1 inch = 1,200 feet**

Significant changes to the subject property and surrounding area visible in the 1984 aerial photograph compared with the previous photographs consist of the following:

- Another residence is visible in the southwest portion of the subject property; and
- Residences are visible southwest of the subject property.

**1993 Aerial Photograph; Scale: 1 inch = 1,200 feet**

No significant changes to the subject property or surrounding area are visible in the 1993 aerial photograph compared with the previous photograph except the mine in the east-central portion of the subject property appears to be inactive.

**1999 Aerial Photograph; Scale: 1 inch = 1,200 feet**

Significant changes to the subject property and surrounding area visible in the 1999 aerial photograph compared with the previous photograph consist of the following:

- A residence is visible in the southeast portion of the subject property;
- An equipment storage building is visible in the southwest portion of the subject property;
- A clay mine is visible in the northeast portion of the subject property, accessed by a dirt road from the west-central farmstead; and
- Residences are visible west of the subject property.

**2005 Aerial Photograph; Scale: 1 inch = 1,200 feet**

Significant changes to the subject property and surrounding area are visible in the 2005 aerial photograph compared with the previous photographs consist of the following:

- A storage building is visible in the southeast portion of the subject property;
- The clay mine in the northeast portion of the subject property is larger; and
- A golf course development is under construction south of the subject property.

**2009 Aerial Photograph; Scale: 1 inch = 1,200 feet**

Significant changes to the subject property and surrounding area visible in the 2009 aerial photograph compared with the previous photographs consist of the following:

- The clay mine in the northeast portion of the subject property is larger and accessed by a new road from Crowfoot Valley Road; and
- Residences are visible around the golf course south of the subject property.

**2011, 2013, 2015, and 2017 Aerial Photographs; Scale: 1 inch = 1,200 feet**

No significant changes to the subject property or surrounding area are visible in the aerial photographs from 2011, 2013, 2015, and 2017 compared with the previous photograph except for additional residences south of the subject property.

**2019 Aerial Photograph; Scale: 1 inch = 1,200 feet**

Significant changes to the subject property and surrounding area are visible in the 2019 aerial photograph compared with the previous photographs consist of the following:

- The clay mine in the northeast portion of the subject property is closed and graded; and
- A residential development is under construction east of the subject property.

**2022 Aerial Photograph; Scale: 1 inch = 1,200 feet**

No significant changes to the subject property or surrounding area are visible in the 2022 aerial photograph compared with the previous photograph except an additional residential development is under construction north of the northeast portion of the subject property.

**2025 Aerial Photograph; Google Earth**

No significant changes to the subject property or surrounding area are visible in the 2025 aerial photograph compared with the previous photograph except for continued residential development surrounding the subject property.

**3.4.2 Historical Topographic Maps**

Historical USGS topographic maps from 1894 to 2019 showing the subject property and surrounding area were reviewed and are discussed below (USGS 2025).

**1894 USGS 30-Minute Series, Castle Rock, CO; Scale: 1:125,000**

The USGS topographic map from 1894 shows the subject property and surrounding area to be undeveloped.

**1913 USGS 30-Minute Series, Castle Rock, CO; Scale: 1:125,000**

No significant changes to the subject property or surrounding area are shown on the USGS topographic map from 1913 compared with the previous map except Lemon Gulch, Crowfoot Valley Road, and the Arapahoe Canal are shown crossing through the subject property.

**1940 and 1943 USGS 15-Minute Series, Castle Rock, CO; Scale: 1:62,500**

Significant changes to the subject property and surrounding area shown on the USGS topographic maps from 1940 and 1943 consist of the following:

- A residential structure is shown in the west-central portion of the subject property, accessed by two dirt roads from Crowfoot Valley Road that merge south of Lemon Gulch; and
- A siphon is labeled in the northeast portion of the subject property where the Arapahoe Canal crosses Lemon Gulch.

**1965, 1971, and 1980 USGS 7.5-Minute Series, Castle Rock North, CO; Scale: 1:24,000**

Significant changes to the subject property and surrounding area shown on the USGS topographic maps from 1965, 1971, and 1980 consist of the following:

- A residence is shown in the southwest portion of the subject property;
- A dirt road branches off the farmstead driveway to access a claypit in the east-central portion of the subject property;
- A dirt road is shown from the west-central farmstead to the northwest; and
- Rural residences are scattered in the surrounding area.

**1994 USGS 7.5-Minute Series, Castle Rock North, CO; Scale: 1:24,000**

Significant changes to the subject property and surrounding area shown on the USGS topographic map from 1994 consist of the following:

- A second residence is shown in the southwest portion of the subject property; and
- Additional residences are in the surrounding area.

**2010, 2013, 2016, 2019, and 2022 USGS 7.5-Minute Series, Castle Rock North, CO; Scale: 1:24,000**

The 2010, 2013, 2016, 2019, and 2022 USGS topographic maps with corresponding aerial photograph base maps show the subject property and surrounding area as they appeared in the aerial photographs for the same period discussed above.

### **3.5 Previous Environmental Reports**

ERO prepared a June 30, 2023 Phase I ESA report for a majority of the current subject property, excluding the two Arla Land Holdings parcels in the northeast portion of the current subject property. The subject property was in the same condition in 2023 as observed during the site reconnaissance for this report. No RECS, conditional RECs, or significant data gaps were identified in connection with the property within the 2023 report (ERO 2023).

### **3.6 Standard Environmental Record Sources**

ERO contracted with a commercial database search company, EDR, to conduct a search of publicly available database records (EDR 2025). All ASTM search distance sites are measured from the subject property boundary.

ERO reviewed initial search results for inaccuracies using both field and mapping data sources. In addition, ERO attempted to locate orphan sites, those that lack adequate location information to map, using zip code, city name, site name, or other information. The subject property was not identified in the search of publicly available database records, and no sites were found to be within the approximate ASTM search distances. The EDR report did identify a claypit in the east-central portion of the subject property, the Stevens mine in the northeast portion of the property, and a former tank on the northeast portion of the subject property. A summary is included in Table 3, and copies of records reviewed are in Appendix B.

**Table 3. Summary of publicly available environmental records.**

Record Sources	Search Distance (miles) <sup>1</sup>	Subject property	No. of Sites in Surrounding Area
Federal National Priorities List (NPL) site list	1.0	No	0
Federal Delisted NPL site list	0.5	No	0
Federal Superfund Enterprise Management System (SEMs) list	0.5	No	0
Federal SEMS-Archive site list	0.5	No	0
Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Site (CORRACTS) list	1.0	No	0
Federal RCRA Treatment, Storage, and/or Disposal (TSD) facilities list	0.5	No	0
Federal RCRA generators list	subject property and adjoining	No	0
Federal institutional control/engineering control registries	subject property only	No	0
Federal Emergency Response Notification System (ERNS) list	subject property only	No	0
State and tribal NPL-equivalent sites <sup>2</sup>	1.0	No	0
State and tribal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)-equivalent sites <sup>2</sup>	0.5	No	0
State and tribal landfill and/or solid waste disposal site list	0.5	No	0
State and tribal leaking storage tank list	0.5	Yes	0
State and tribal registered storage tank list	subject property and adjoining	Yes	0
State and tribal institutional control/engineering control registries	subject property only	No	0
State and tribal Voluntary Cleanup Program (VCP) sites	0.5	No	0
State and tribal Brownfields sites	0.5	No	0

<sup>1</sup>ASTM E1527 standard search distances.

<sup>2</sup>In Colorado, the lead agency for National Priorities List (NPL)/CERCLA may be either the Environmental Protection Agency (EPA) or the Colorado Department of Public Health and Environment (CDPHE).

### **3.6.1 State and Tribal Leaking Storage Tank Sites**

The Colorado Department of Labor and Employment, Division of Oil and Public Safety (CDLE/OPS) lists one state leaking underground storage tank (LUST) on the subject property. The removal of a tank and ultimate closure is discussed below in Section 3.7.3.

### **3.6.2 State and Tribal Registered Storage Tank Sites**

CDLE/OPS lists one removed storage tank sites on the subject property that is discussed below in Section 3.7.3.

## **3.7 Additional Environmental Record Sources**

### **3.7.1 Colorado Oil and Gas Conservation Commission Records**

ERO reviewed records maintained by the Colorado Oil and Gas Conservation Commission (COGCC), the agency that regulates oil and natural gas exploration and production in Colorado. According to the COGCC, no oil and gas wells are located on or near the subject property (COGCC 2025).

### ***3.7.2 Colorado Department of Public Health and Environment***

ERO reviewed the CDPHE Hazardous Materials and Waste Management Division online mapping application for any known sites that may indicate RECs on or near the subject property. No records for the subject property were identified in a search of the online records (CDPHE 2025).

### ***3.7.3 Colorado Department of Labor and Employment, Division of Oil and Public Safety (CDLE/OPS)***

ERO reviewed a May 23, 2025 closure report prepared by Clear Creek Consulting, LLC (CCC) for an underground storage tank (UST) removed from the abandoned farmstead property in the northeast portion of the subject property in June 2025 (CCC 2025). The report indicates that a 287-gallon gasoline UST was removed from the south side of an outbuilding west of the residence at 6645 Crowfoot Valley Road. Prior to removal, about 125 gallons of old gasoline and water were removed from the UST with a pump. According to the former property owner, the UST had not been used in 40 years. After removal of the UST, three soil samples were collected from beneath the UST and analyzed for benzene, toluene, ethylbenzene, and xylenes (collectively known as BTEX), gasoline-range organics (GRO), and diesel-range organics (DRO). The laboratory analytical results indicate that concentrations of BTEX, GRO, and DRO were below detection limits (CCC 2025). Although the UST was not regulated by CDLE/OPS because of its small size and use for fueling farm equipment, CDLE/OPS, as a courtesy to facilitate a property transaction and based on the sample results, issued a no further action letter for the site on June 5, 2025 (CDLE/OPS 2025).

### ***3.7.4 Colorado Division of Water Resources***

ERO reviewed records maintained by the Colorado Division of Water Resources (CDWR) for the subject property. The CDWR has records of four wells on the subject property (Table 4) (CDWR 2025).

**Table 4. Water well information.**

Well Permit Number	Well Owner	Well Depth (feet bgs)	Date Drilled
1613	Crowfoot Hills LLC	30	1958
15475	Pinaka Holdings LLC	300	1963
75215-F	Crowfoot Castle LLC	600	1998
142784	Doug Austin	110	1919

### ***3.7.5 Colorado Division of Reclamation, Mining, and Safety***

ERO reviewed records maintained by the Colorado Division of Reclamation, Mining, and Safety (CDRMS) for the subject property (CDRMS 2025). A former clay mine, the Stevens Clay Lease, was identified in the north-central portion of the subject property. According to the records, a permit to mine clay was issued to the Denver Brick Company in December 1997. The permitted area totaled 20.8 acres. Based on a review of historical aerial photographs, the mine operated until 2019, when the pit was filled with soil and overburden and the area was graded flat. No records were found for the former clay mine observed in aerial photographs in the central portion of the subject property.

### **3.8 Vapor Encroachment Evaluation**

ERO evaluated the results of the environmental record searches detailed in Sections 3.6 and 3.7 with respect to potential vapor encroachment in accordance with ASTM E2600-22, the “Standard Guide for Vapor Encroachment Screening on Subject property Involved in Real Estate Transactions” (ASTM 2022).

No sites were identified during ERO’s vapor encroachment analysis within the applicable search distance criteria denoting the Area of Concern for vapor encroachment. Therefore, it is ERO’s professional opinion that a vapor encroachment condition does not exist on the subject property.

### **3.9 Emerging Contaminants**

Many states and other jurisdictions have differing definitions for terms used throughout this practice, such as “*release*” and “*hazardous substance*.” Substances that are outside the scope of this practice (for example, emerging contaminants that are not hazardous substances under CERCLA) may be regulated under state law and may be federally regulated in the future. These substances may include: (1) some substances that occur naturally or through biological digestion (e.g., methane), and (2) substances about which human understanding is evolving (e.g., per- and polyfluoroalkyl substances, also known as “PFAS”).

Although the presence or any release/threatened release of these substances are “*non-scope considerations*” under this practice, ERO has not identified any sites on or adjoining the subject property associated with emerging contaminants (EDR 2025).

## **4.0 Site Reconnaissance**

### **4.1 Methodology and Limiting Conditions**

Craig Sovka, an Environmental Professional with ERO, conducted the site reconnaissance on December 2, 2025. He investigated the entire subject property by walking and driving the perimeter and traversing the interior. Weather conditions during the site reconnaissance were partly cloudy and approximately 55 degrees Fahrenheit. Representative photographs taken during the site reconnaissance are presented in Appendix A.

### **4.2 General Site Setting**

The majority of the subject property is undeveloped and vegetated with grasses, weeds, shrubs, and trees. The topography in the vicinity of the subject property generally slopes toward Lemon Gulch, which flows through the property from southwest to northeast. Lemon Gulch was dry during the site reconnaissance. Dirt roads cross the central portions of the subject property to access the west-central and northeast farmsteads and the former clay mines in the central portion. Paved driveways access a residence and a storage building in the southeast portion of the subject property and residences in the southwest portion.

Four occupied residences are on the subject property (two in the southwest portion, one in the southeast portion, and one in the west-central portion), an abandoned residence is in the northeast

portion, and numerous outbuildings are near each residence (Table 2). ERO did not access the interior of the occupied residences, but observed from the surrounding area.

The adjoining parcels are residential or undeveloped.

#### ***4.2.1 Storage Tanks***

No vent pipes, fill ports, tank pits, or other indications of underground storage tanks were observed on the subject property. No aboveground petroleum storage tanks were observed on the subject property except for propane tanks at each of the occupied residences.

#### ***4.2.2 Odors***

No strong, pungent, or noxious odors were noted during the site reconnaissance.

#### ***4.2.3 Pools of Liquid***

No pools of liquid were observed on the subject property.

#### ***4.2.4 Drums/Containers***

Several drums were observed on the subject property that were either empty or contained trash. Containers of vehicle, pool, home, and yard maintenance products were observed in a storage building at the Crowfoot Castle parcel residence. No indications of spills or leaks were observed around the drums and containers.

Discarded and/or spilled containers of motor oil, petroleum products, and glass jars of unknown contents were observed in an outhouse and outbuilding within the area of the abandoned farmstead. Containers were observed to be in poor condition with spilled contents and no housekeeping.

#### ***4.2.5 Hazardous Substance and Petroleum Products Materials/Waste Use or Storage***

No hazardous substances or petroleum products were observed to be used or stored on the subject property except for those described above.

#### ***4.2.6 Transformers/Polychlorinated Biphenyls (PCBs)***

Pole-mounted electrical transformers were observed near the southwest and east-central residences and pad-mounted transformers were observed near the Crowfoot Castle parcel residence and storage building. The transformers were in good condition with no evidence of leaks on or around them.

### **4.3 Exterior Observations**

#### ***4.3.1 Pits, Ponds, and Lagoons***

ERO observed several pits at the former clay mine in the central portion of the subject property, and a small borrow pit in the northwest portion. The former clay mine in the north-central portion of the subject property was observed to be flat and vegetated. An earthen dam was observed in the northwest

portion of the subject property with no water behind it and a pond was observed in the northeast portion. ERO did not identify or observe any other lagoons on or adjacent to the subject property.

#### **4.3.2 Stained Soil or Pavement**

No areas of stained soil or pavement were observed on the subject property.

#### **4.3.3 Stressed Vegetation**

No areas of stressed vegetation were observed on the subject property.

#### **4.3.4 Solid Waste Disposal**

No indication of solid waste disposal or filled or graded areas was observed on the subject property except for several piles of scrap wood at the Crowfoot Hills and Doug Austin residences and the graded areas associated with the former clay mines.

Several of the structures within the abandoned farmstead were observed to be filled with discarded containers, household or farm implements, and miscellaneous building materials. As the materials were observed to be stored/discard in a haphazard fashion, it is ERO's opinion that they would typically be considered solid waste.

#### **4.3.5 Wastewater Discharge**

ERO did not observe a wastewater discharge system into which wastewater and liquids on or adjacent to the subject property discharge.

#### **4.3.6 Wells**

ERO observed the domestic wells at the Crowfoot Castle Crowfoot Hills residence but did not observe the wells at the other residences or clay mine on the subject property. ERO did not observe any monitoring, irrigation, injection, abandoned, or other wells on the subject property.

#### **4.3.7 Process Equipment**

No manufacturing, remediation, or other chemical process equipment was observed on the subject property.

#### **4.3.8 On-Site Septic Systems**

ERO observed indications of on-site septic systems at the four occupied residences on the subject property.

### **4.4 Interior Observations**

ERO did not inspect the interiors of the buildings because they were either occupied residences, had locked doors, or were unsafe to enter because of collapsed walls and roofs. All of the buildings at the occupied residences were observed to be in fair to good condition and several were observed through windows to be used to store vehicles, maintenance products, or household items. The buildings at the

abandoned farmstead in the northeast portion of the subject property were in poor condition and observed to contain old furniture, appliances, two boats, and miscellaneous farming equipment and supplies.

Several of the structures in the eastern, abandoned farmstead area were significantly deteriorated such that roofing and building materials were observed to be scattered around the structures as well as within the collapsed buildings.

#### ***4.4.1 Heating and Cooling***

Heating systems for the subject property residences appeared to be propane or electric-based. The cooling systems for the subject property buildings are unknown.

#### ***4.4.2 Drains and Sumps***

ERO did not observe any floor drains or sumps in the buildings that were inspected.

#### ***4.4.3 Stains or Corrosion***

No stains or corrosion were observed on floors, walls, or ceilings of the structures except those caused by water.

## **5.0 Interviews**

### **5.1 Interview with Owner Representatives**

Mr. Anudeep Arla, the representative of Arla Land Holdings, LLC, the owner of the two parcels in the northeast portion of the subject property, was interviewed by telephone on December 10, 2025. Mr. Arla stated that Arla Land Holdings, LLC has owned the parcels since the summer of 2025. He was aware of the UST removal from the abandoned farmstead parcel in May 2025 and he was not aware of any environmental problems with the subject property or in the surrounding area (Arla, pers. comm. 2025).

Mr. Prasad Deseri, the representative of SnapArch, LLC, the owner of the parcel in the east-central portion of the subject property, was interviewed by telephone on December 10, 2025. Mr. Deseri stated that Snaparch, LLC has owned the parcel since the summer of 2025. He was not aware of any environmental problems with the parcel or in the surrounding area (Deseri, pers. comm. 2025).

Mr. Vamsee Chakka, the representative of Pinaka Holdings, LLC, the owner of the parcel in the central portion of the subject property, was interviewed by telephone on December 10, 2025. Mr. Chakka stated that Pinaka Holdings, LLC has owned the parcel since 2022. He was aware of the former clay mine on the property and he was not aware of any environmental problems with the subject property or in the surrounding area (Chakka, pers. comm. 2025).

Mr. Sree Rayalla, the owner representative of the Crowfoot Hills LLC and Crowfoot Castle LLC parcels, was interviewed by telephone on December 2, 2025. Mr. Rayalla stated that he purchased the Crowfoot Hills parcel, which includes the west-central farmstead, in April 2021, and purchased the Crowfoot Castle parcels in the southeast portion of the subject property, in September 2022. He indicated that the

residences on these parcels are currently occupied and that he was not aware of any environmental concerns on or near the parcels (Rayalla, pers. comm. 2025).

Mr. Doug Austin, the owner representative for the two southwest parcels, was interviewed by telephone on December 10, 2025. Mr. Austin stated that he has owned the parcels since December 2012. He indicated that he lives in the north residence and rents the south residence to a tenant. Mr. Austin was not aware of any environmental concerns on or near the parcels (Austin, pers. comm. 2025).

ERO had not been able to contact Chris Lee, the parcel owner representative for the Crowfoot Acres and 6244 N Crowfoot Valley Road LLC parcels at the time this report was completed.

## 5.2 Interviews with Local Government Officials

### 5.2.1 Interview with Local Health Department

ERO contacted the Douglas County Health Department (DCHD) for information that may indicate RECs on or near the subject property. ERO had not received a response from DCHD at the time this report was completed. ERO reviewed the DCHD online landfill mapping database and no landfills were identified on or within 0.5 mile of the subject property (DCHD 2025).

### 5.2.2 Interview with Local Fire Department

ERO contacted South Metro Fire Rescue (SMFR) for information that may indicate RECs on or near the subject property. ERO had not received a response from SMFR at the time this report was completed.

## 6.0 Evaluation

### 6.1 Findings

The subject property consists of 16 parcels of land totaling 794.5 acres. Historically, the subject property has been residential, agricultural, undeveloped, and used for clay mining, and the surrounding area has been residential, agricultural, and undeveloped.

Federal, state, and local records do not identify any records of sites or incidents typically associated with RECs on or near the subject property except for a small UST removed from the 6645 Crowfoot Valley Road parcel in the northeast portion of the subject property in May 2025. Two former clay mines were identified on the subject property in historical records.

During the site reconnaissance, ERO observed the following:

- Pole- and pad-mounted electrical transformers in the developed areas of the subject property;
- Drums that were either empty or contained trash;
- Containers of maintenance products in storage buildings on the Crowfoot Castle parcel;
- Domestic water well at the Crowfoot Castle residence;
- Discarded and/or spilled containers of motor oil, petroleum products, and glass jars of unknown contents were observed in an outhouse and outbuilding within the area of the abandoned farmstead; and

- Several of the structures in the eastern, abandoned farmstead area were significantly deteriorated such that roofing and building materials were observed to be scattered around the structures as well as within the collapsed buildings.

No additional site conditions typically associated with RECs were identified during interviews with persons familiar with the subject property.

## 6.2 Opinion

A summary of identified findings and ERO's determination if the findings constitute RECs associated with the subject property is presented in Table 5.

**Table 5. Findings and opinion summary.**

Finding	REC, CREC, or HREC?	Rationale
Historical clay mines on the subject property	No	No indication of releases were observed at the mining sites.
Transformers on the subject property	No	No indications of leaks or releases were observed.
Drums and containers observed within and around modern structures	No	No indication of releases from the drums or containers were observed
Solid waste disposal sites on the Crowfoot Hills and Doug Austin residences	No	No indication of hazardous substances or petroleum products were observed in the material disposed.
Groundwater well	No	No indication that the well was used to monitor groundwater contamination was identified.
Former UST on northeast parcel	HREC	No indication of release to the property and tank was granted regulatory closure based on laboratory results.
Containers within and around abandoned farmstead	REC	Indications of releases were observed from containers amidst significant piles of solid waste within the structures.
Dilapidated condition of abandoned farm structures	Significant Data Gap	Roofing and building materials observed on or around the abandoned farmstead structures may consist of asbestos-containing materials released to the subject property.

Based on ERO's vapor encroachment analysis, it is ERO's professional opinion that a vapor encroachment condition does not exist on the subject property.

ERO did not identify any sites on or adjoining the subject property that may be associated with, be sources of, or have documented use of new or emerging contaminants that may have resulted in a release to the subject property.

## 6.3 Data Gap Summary

**Summary of Historical Data.** Historical data sources are listed below in Table 6 with gaps of greater than 5 years between sources identified as data gaps. ERO was able to document land use on the subject property back to 1894. Because of the consistent land use of the subject property as agricultural, residential, and undeveloped land with adjoining agricultural, residential, and undeveloped land, it is ERO's professional opinion that the data gaps identified in Table 6 do not constitute significant data gaps with respect to this Phase I ESA. It is ERO's professional opinion that no significant historical data gaps are associated with this Phase I ESA.

**Table 6. Historical data gap analysis.**

Source	Year	Gap	Data Gap
Topographic Map	1894	-	-
Topographic Map	1913	19	Yes
Aerial Photograph	1937	24	Yes
Topographic Map	1940	3	No
Topographic Map	1943	3	No
Aerial Photograph	1953	10	Yes
Aerial Photograph	1964	11	Yes
Topographic Map	1965	1	No
Topographic Map and Aerial Photograph	1971	6	Yes
Aerial Photograph	1978	7	Yes
Topographic Map	1980	2	No
Aerial Photograph	1984	4	No
Aerial Photograph	1993	9	Yes
Topographic Map	1994	1	No
Aerial Photograph	1999	5	No
Aerial Photograph	2005	6	Yes
Aerial Photograph	2009	4	No
Topographic Map	2010	1	No
Aerial Photograph	2011	1	No
Topographic Map and Aerial Photograph	2013	2	No
Aerial Photograph	2015	2	No
Topographic Map	2016	1	No
Aerial Photograph	2017	1	No
Topographic Map and Aerial Photograph	2019	2	No
Topographic Map and Aerial Photograph	2022	3	No
Aerial Photograph	2025	3	No

**Significant Data Gaps.** ERO was able to access the entire subject property, received a User Questionnaire, and reviewed online databases for the CDPHE, DCHD, COGCC, CDWR, and the Douglas County Assessor's Office. ERO was unable to contact Chris Lee, owner representative for the Crowfoot Acres and 6244 N Crowfoot Valley Road LLC parcels on the subject property, which is a data gap. ERO had not received responses from DCHD or CRFR at the time this report was completed, which is a data gap. Based on information from other sources and the historically undeveloped or residential nature of the subject property, it is ERO's professional opinion that the lack of an interview with remaining owner representative and lack of responses from the local health and fire departments are not significant data gaps associated with this report. ERO identified the following significant data gap with respect to this Phase I ESA:

- The asbestos content of roofing and building materials observed on or around the abandoned farmstead structures on the northeast parcel is unknown and, should the materials be considered asbestos-containing, a release to the subject property may have occurred.
- ERO was not able to interview any persons with an operational history of the abandoned farmstead parcel, which is a significant data gap because of the observed use or storage of petroleum products and hazardous substances within the structures. It is unknown if any persons remain that are familiar with the operational history of the parcel.

Based on the information reviewed as part of this Phase I ESA, it is ERO's professional opinion that no other significant data gaps are associated with this Phase I ESA with respect to ERO's ability to identify RECs associated with the subject property.

## 6.4 Conclusions

ERO performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of the Crowsnest Development property near the intersection of Crowfoot Valley Road and Pradera Parkway in Douglas County, Colorado. Any exceptions to or deletions from this practice are described in the Introduction section of this report.

This assessment has revealed the following RECs and significant data gap in connection with the subject property:

- Numerous containers of petroleum products and suspected hazardous substances were observed to be discarded within various structures on the abandoned farmstead parcel with indications of releases from several of the containers. The aggregate of the containers, lack of housekeeping, and indications of releases constitute a REC associated with the subject property;
- Many of the structures within the abandoned farmstead area contained roofing and/or building materials of which the asbestos content is unknown, which is a significant data gap. Should the materials be asbestos-containing, a release to the subject property may have occurred; and
- ERO was not able to interview any persons with an operational history of the abandoned farmstead parcel, which is a significant data gap because of the observed use or storage of petroleum products and hazardous substances within the structures. It is unknown if any persons remain that are familiar with the operational history of the parcel.

In accordance with the ASTM standard, this Phase I ESA is presumed to be valid if completed less than 180 days prior to property acquisition or intended transaction.

## 6.5 Environmental Professionals Statement

"We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312."



---

Craig Sovka  
Environmental Professional



---

Jack Denman  
Environmental Professional

The qualifications of the personnel noted above are listed in Appendix C.

## 7.0 References

- Arla, Anudeep. 2025. Telephone interview with Craig Sovka, Environmental Professional with ERO Resources Corporation. December 10.
- ASTM International (ASTM). 2022. "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions." Philadelphia: ASTM E2600-22.
- ASTM International (ASTM). 2021. Annual Book of ASTM Standards. "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." Philadelphia: ASTM E1527-21.
- Austin, Doug. 2025. Telephone interview with Craig Sovka, Environmental Professional with ERO Resources Corporation. December 10.
- Chakka, Vamsee. 2025. Telephone interview with Craig Sovka, Environmental Professional with ERO Resources Corporation. December 10.
- Clear Creek Consulting, LLC (CCC). 2025. Tank Removal Field Report, Hesse-Rueter Land LP - Douglas County (parcel account# R0411981), 6645 Crowfoot Valley Road, Parker, CO 80314. May 23.
- Colorado Department of Labor and Employment, Division of Oil and Public Safety. 2025. Petroleum Storage Tank at Hesse-Rueter Land LP, 6645 Crowfoot Valley Road, Parker, Douglas County, Colorado. (Facility ID #21285, Release ID #017024). June 5.
- Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials and Waste Management Division (HMWMD). 2025. Environmental records search.  
<https://www.colorado.gov/pacific/cdphe/hm-gis-data>. Last accessed December 5.
- Colorado Division of Reclamation, Mining, and Safety (CDRMS). 2025. Review of online database.  
<https://drms.colorado.gov/data-search>. Last accessed December 5.
- Deseri, Prasad. 2025. Telephone interview with Craig Sovka, Environmental Professional with ERO Resources Corporation. December 10.
- Division of Water Resources (CDWR). 2025. HydroBase mapping application.  
<https://www.coloradolodnr.info/h5v/Index.html?viewer=dwrhydربaseviewer>. Last accessed December 5.
- Colorado Energy and Carbon Management Commission (CECMC). 2025. Review of online database.  
<https://ecmc.state.co.us/maps.html#/gisonline>. Last accessed December 5.
- Douglas County Assessor's Office. 2025. Online mapping application.  
<https://apps.douglas.co.us/dcmaps/map.html?mapInstance=realProperty>. Last accessed December 5.
- Douglas County Health Department. 2025. Historical Landfills Searchable Map.  
[https://experience.arcgis.com/experience/302f9e7f9cdb42f09ef3e1c06b4db919/?data\\_id=dataSource\\_1-1880220cc42-layer-1%3A1](https://experience.arcgis.com/experience/302f9e7f9cdb42f09ef3e1c06b4db919/?data_id=dataSource_1-1880220cc42-layer-1%3A1). Last accessed December 5.
- Environmental Risk Information Service (ERIS). 2023. The Sanborn® Map Report, Crowfoot Valley Property, Crowfoot Valley Rd. and Pradera Pkwy, Parker, CO. Order #23050500546. May 7.
- Environmental Data Resources, Inc. (EDR). 2025. EDR Area/Corridor Report, Crowsnest Development, Crowfoot Valley Rd. and Pradera Pkwy, Castle Rock, CO . Inquiry #08193314.5r. December 8.

Environmental Risk Information Service (ERIS). 2023. Historical Aerial Report, Crowfoot Valley Property, Crowfoot Valley Rd. and Pradera Pkwy, Parker, CO. Order #23050500546. Order #23050500546. Photo dates: 1937, 1953, 1964, 1971, 1978, 1984, 1993, 1999, 2005, 2009, 2011, 2013, 2015, 2017, 2019, and 2022. May 8.

ERO Resources Corp. 2023. Phase I Environmental Site Assessment, Crowfoot Valley Property, Crowfoot Valley Road and Pradera Parkway, Douglas County, Colorado. June 30.

Hillier, Donald E. and E. Carter Hutchinson. 1980. Depth to the Water Table, Colorado Springs – Castle Rock Area, Colorado. Denver: U.S. Geological Survey.

Rayalla, Sree. 2025. Telephone interview with Craig Sovka, Environmental Professional with ERO Resources Corporation. December 2.

Thorson, Jon P. 2005. Geologic Map of the Castle Rock North Quadrangle, Douglas County, Colorado. Colorado Geological Survey Open-File Report 05-2.

U.S. Geological Survey (USGS). 2025. Topographic map viewer.

<https://ngmdb.usgs.gov/topoview/viewer/#12/39.4366/-104.7823> Map dates: 30-Minute Castle Rock CO Quadrangle, 1894 and 1913; 15-Minute Castle Rock CO Quadrangle, 1930 and 1943; 7.5-Minute Castle Rock North CO Quadrangle, 1965, photorevised 1971, 1980, and 1994, Orthophotographic Quadrangle, 2010, 2013, 2016, 2019, and 2022. Denver, CO.

Williams, Daniel. 2026. Representative for VT Crowfoot Valley Landco LLC. User Questionnaire. January 6.

## Appendix A Site Photographs

PHOTO LOG  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
CROWSNEST DEVELOPMENT PROPERTY, DOUGLAS COUNTY, CO  
DECEMBER 2, 2025



**Photo 1** - The former Stevens clay mine in the northeast portion of the subject property.



**Photo 2** - Typical pole-mounted electrical transformer at the Doug Austin residence.

PHOTO LOG  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
CROWSNEST DEVELOPMENT PROPERTY, DOUGLAS COUNTY, CO  
DECEMBER 2, 2025



**Photo 3** - Pad-mounted electrical transformer at the Crowfoot Castle parcel residence.



**Photo 4** - Typical propane tank at the Doug Austin residence.

PHOTO LOG  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
CROWSNEST DEVELOPMENT PROPERTY, DOUGLAS COUNTY, CO  
DECEMBER 2, 2025



**Photo 5** - Typical domestic water well at the Crowfoot Castle residence.



**Photo 6** - Containers of maintenance products at the Crowfoot Castle residence.

PHOTO LOG  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
CROWSNEST DEVELOPMENT PROPERTY, DOUGLAS COUNTY, CO  
DECEMBER 2, 2025



**Photo 7** - Abandoned residence in the northeast portion of the subject property.



**Photo 8** - Typical interior of the outbuildings at the abandoned farmstead in the northeast portion of the subject property.

**Appendix B Environmental Records**

# **ERO RESOURCES CORPORATION PHASE I ESA USER QUESTIONNAIRE**

This questionnaire has been designed to comply with §6 and §7.3.2 of the ASTM Standard E 1527. Please complete and sign this questionnaire for the following property:

## A. General Property Information

Site Address/Location: Crowsnest Development, Douglas County, CO

- 1) Why is the Phase I being conducted for this property?

Sale (by user)      **Purchase (by user)**      Exchange      CATEX      Easement  
Baseline Conditions      Refinance      Confidential      Other

USER: VT CROWFOOT VALLEY LANDCO LLC

- 2) What is the property size? **~749.4 Acres**
  - 3) What is the current use of the property? **AG (Cattle Grazing) with residences.**
  - 4) Describe the future uses of the property. **Master Planned Community with Residential, Commercial, and Mixed Used components.**
  - 5) Are there any structures on the property? (Y/N) **Yes**

5) Are there any structures on the property? (Y/N) Yes

If so, please describe if known:

Structure Name (Residence, garage, business etc.)	Approx. size (square footage if known)	Accessible? (Y/N)
Residence	Can be Provided (owner)	Yes
Residence	Can be Provided (owner)	Yes
Residence	Can be Provided (owner)	Yes

- 6) Are you aware of any of the following information about the owner, operator, key site manager, realtor and/or developer of the property:

Primary Contact  
Anudeep Arla <[arlaanudeep@gmail.com](mailto:arlaanudeep@gmail.com)>  
+1 (716) 536-0759

#### Secondary Contact (if applicable)

Doug Austin <[douglas.austin@comcast.net](mailto:douglas.austin@comcast.net)>  
+1 (303) 956-3939

[SnapArch Vaka <snaparchllc@gmail.com>](mailto:snaparchllc@gmail.com)  
[Need to get phone number, but partner with Anudeep Arla]

Vamsee Chakka <[vamseekc@gmail.com](mailto:vamseekc@gmail.com)>  
+1 (303) 521-4826

Sree Rayalla <[sree@exitrealtydtc.com](mailto:sree@exitrealtydtc.com)>

*Phase I ESA User Questionnaire –*

[+1 \(720\) 900-9926](#)

Chava Sankar <[sankarchava@gmail.com](mailto:sankarchava@gmail.com)>  
+1 (303) 808-5704

Chris Lee <[chrisjeninv@gmail.com](mailto:chrisjeninv@gmail.com)>  
+1 (808) 375-3533

- 7) The owner, key site manager, realtor and/or developer of the property may be contacted regarding this Phase I Environmental Site Assessment. Please indicate any potential problems associated with contacting these individuals or entities:

[No Issues. Feel Free to Contact](#)

---

---

- 8) Please identify any other person(s) who is familiar with the property and may be useful to contact.

[N/A](#)

---

---

---

- 9) Are you aware of the providers of the following utilities?

Potable Water [In PWSD Service Area, Inclusion Required](#)

---

Sanitary Sewer [In PWSD Service Area, Inclusion Required](#)

---

Electricity [Core](#)

---

Natural Gas [Black Hills](#)

---

- 10) How long have you been familiar with the property? [10 months](#)

## **B. Historical Property Information**

- 10) Do any of the following documents exist?

YES

NO

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Environmental Site Assessment reports                                    |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Environmental Audit reports  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Environmental permits  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Registration for USTs and aboveground storage tanks                      |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Reports on hydrogeologic conditions on the property and surrounding area |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Geotechnical studies   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Maps of the property (plats, site maps)                                  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Legal description of property  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Survey of property   |

*Phase I ESA User Questionnaire –*

If you answered YES to any of the above, please describe below (use additional sheets, if necessary). Please forward copies of these documents.

[Can be provided upon request.](#)

---

11) Are you aware of any of the following:

YES

NO

- \_\_\_\_\_  Pending, threatened, or past litigation relevant to hazardous substances of petroleum products in, on, or from the property?
- \_\_\_\_\_  Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- \_\_\_\_\_  Notices from any governmental entity regarding any possible liability relating to hazardous substances or petroleum products?

If you answered YES to any of the above, please describe below (use additional sheets, if necessary). Please forward information and/or documents relevant to above.

[N/A](#)

---

---

---

12) Are you aware of any underground or aboveground storage tanks currently or previously located on the property or adjoining properties?

[Yes. Northeast Parcel – owner ARLA LAND HOLDINGS. Remediation should have been conducted with respect to the tanks.](#)

---

---

---

## C. All Appropriate Inquiry Information

In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownsfields Revitalization Act of 2001, the user must provide the following information (if available) to ERO. Failure to provide this information could result in a determination that “all appropriate inquiry” is not complete.

- 13) Are you aware of any environmental covenants, settlement agreements, deed or zoning restrictions or other encumbrances on the property? If so, please explain.

No.

- 14) Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? If so, please explain.

No.

- 15) Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? If so, please explain.

No.

- 16) As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining property so that you would have specialized knowledge of the chemical processes used by this type of business? If so, please explain.

No.

- 17) Does the purchase price being paid for this property reasonable reflect the fair market value of the property? (Y/N) Yes.

- a) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? If so, please explain.

*Phase I ESA User Questionnaire –*

- 18) Are you aware of commonly known or reasonable ascertainable information about the property that would help ERO identify conditions indicative of releases or threatened releases?

No.

For example, as user:

- a) Do you know the current and past uses of the property?  
\_\_\_\_\_
- b) Do you know of specific chemicals that are present or once were present at the property?  
\_\_\_\_\_
- c) Do you know of spills or other chemical releases that have taken place at the property?  
\_\_\_\_\_
- d) Do you know of any environmental cleanups that have taken place at the property?  
\_\_\_\_\_

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

No.

How many copies of the final report do you need?

1

Please identify any other parties that will rely on this report:

Report will be used for entitlements purposes, including an active application with the City of Castle Pines

Questionnaire completed by: Daniel Williams

Signature:  Date: 1/6/2026

If you have any questions about this questionnaire, please call Jack Denman at (303) 903-8693. Please fax this information to Jack Denman at 303-830-1199. The User Questionnaire must be received no later than 5 working days before the project completion date.



# HISTORICAL AERIALS

**Project Property:** Crowfoot Valley Property  
Crowfoot Valley Rd and Pradera Pkwy  
Parker CO

**Project No:** 23-087

**Requested By:** ERO Resources Corporation

**Order No:** 23050500546

**Date Completed:** May 08,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

**Environmental Risk Information Services**

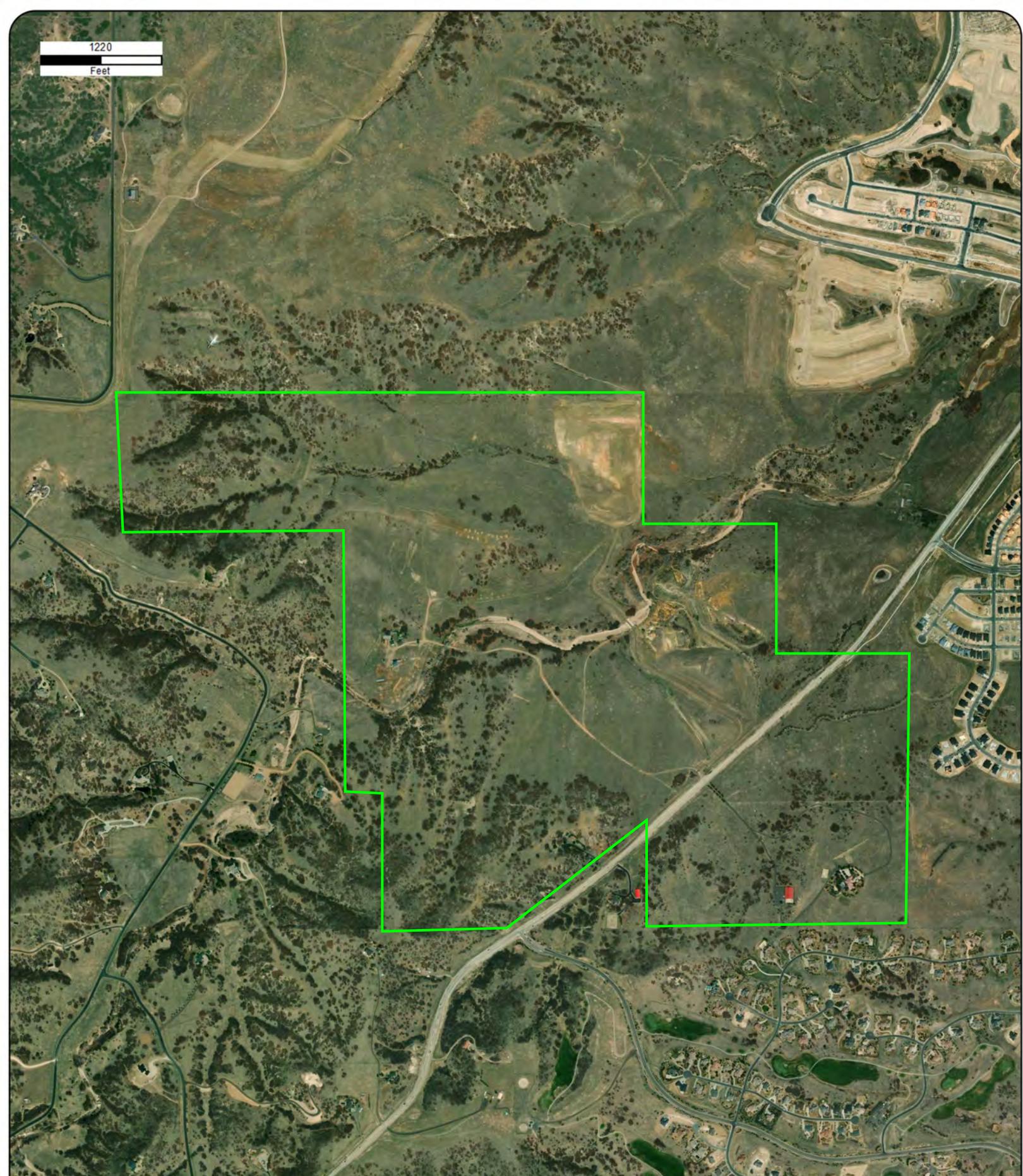
*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

<b>Date</b>	<b>Source</b>	<b>Scale</b>	<b>Comments</b>
2022	MAXAR TECHNOLOGIES	1" = 1200'	
2019	United States Department of Agriculture	1" = 1200'	
2017	United States Department of Agriculture	1" = 1200'	
2015	United States Department of Agriculture	1" = 1200'	
2013	United States Department of Agriculture	1" = 1200'	
2011	United States Department of Agriculture	1" = 1200'	
2009	United States Department of Agriculture	1" = 1200'	
2005	United States Department of Agriculture	1" = 1200'	
1999	United States Geological Survey	1" = 1200'	
1993	United States Geological Survey	1" = 1200'	
1984	United States Geological Survey	1" = 1200'	
1978	United States Geological Survey	1" = 1200'	
1971	United States Geological Survey	1" = 1200'	
1964	United States Geological Survey	1" = 1200'	
1953	Army Mapping Service	1" = 1200'	Best Copy Available
1937	Agricultural Stabilization & Conserv. Service	1" = 1200'	

1220

Feet



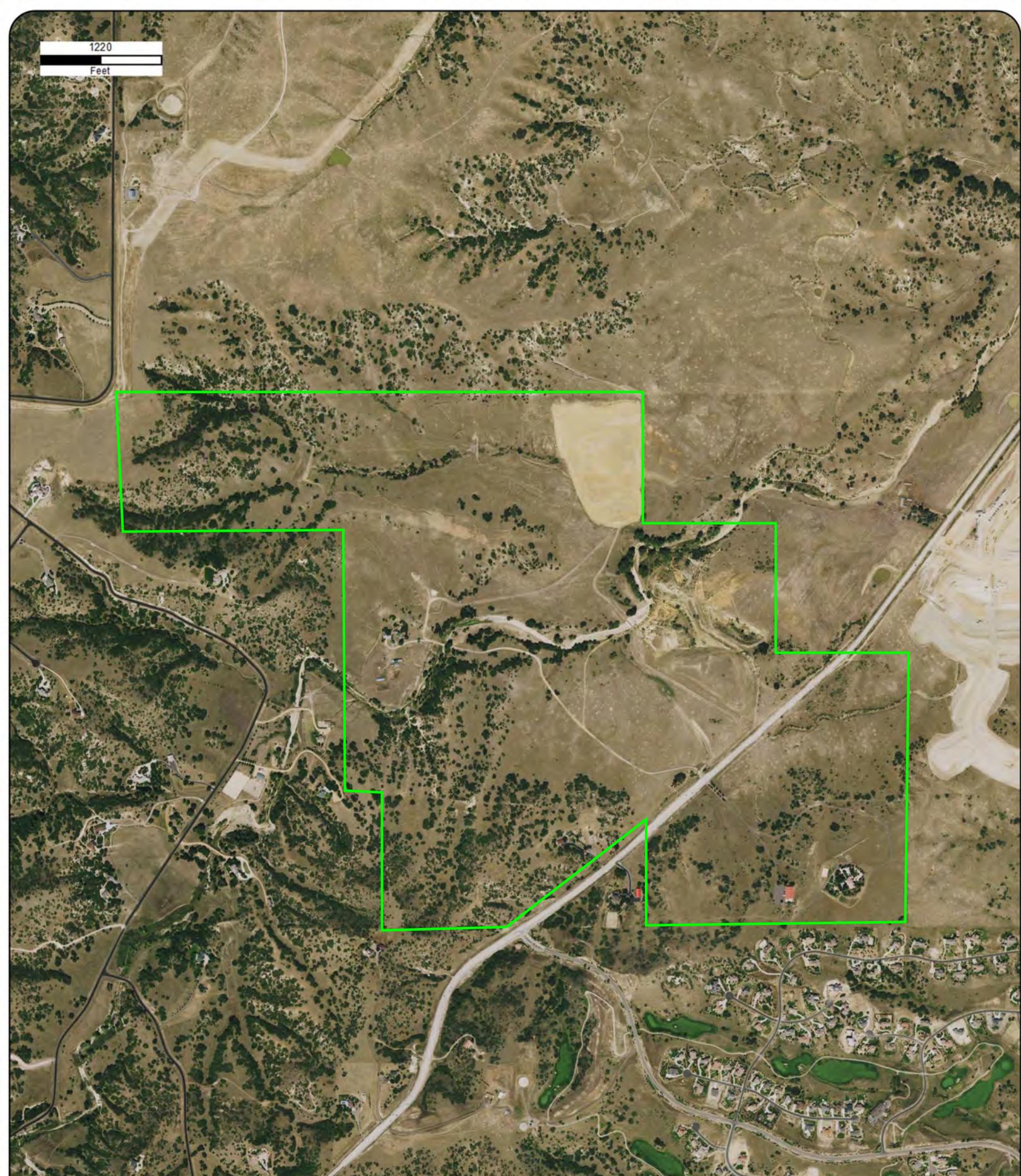
Year: 2022  
Source: MAXAR  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



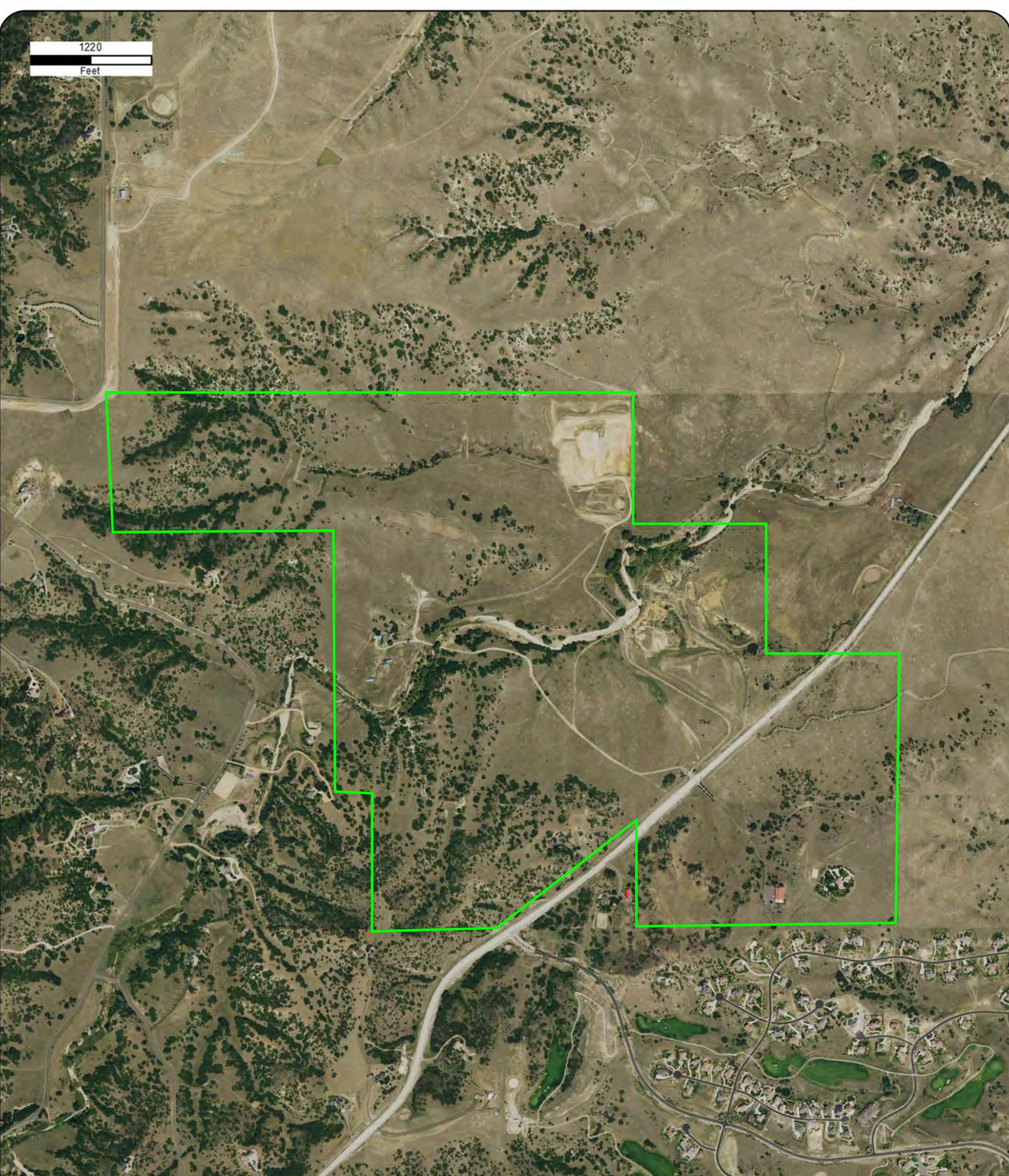
Year: 2019  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



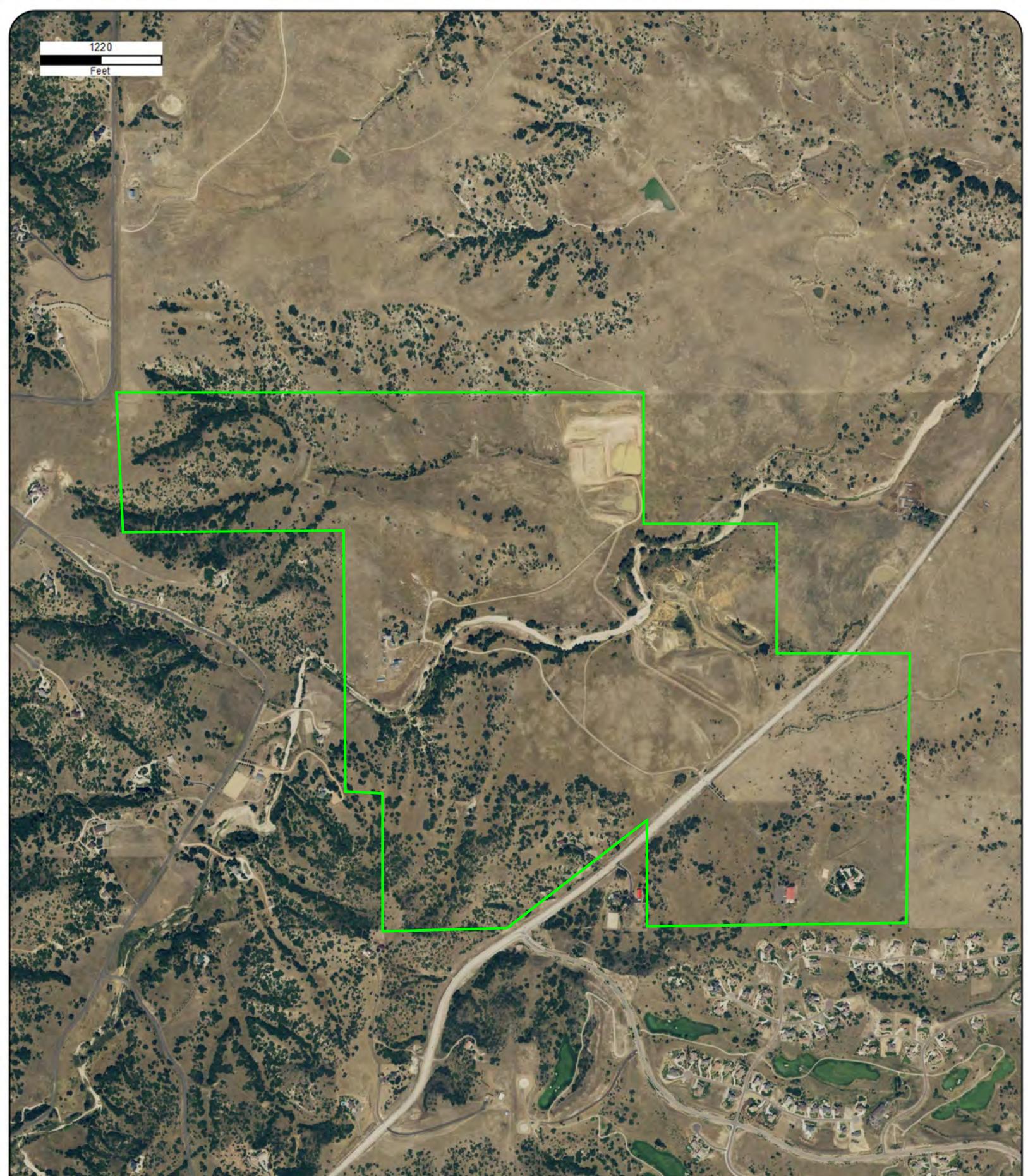
Year: 2017  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

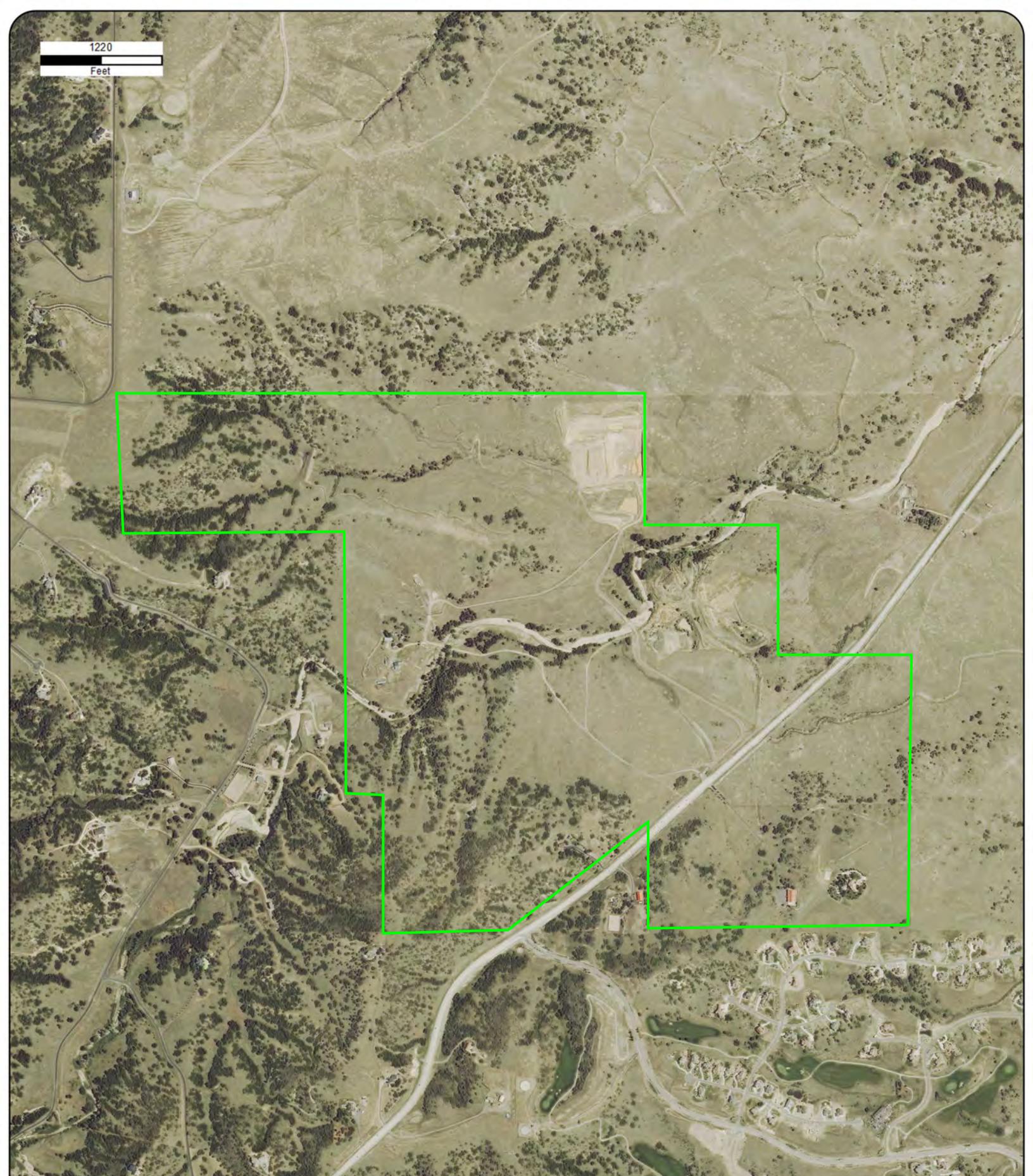
Feet



Year: 2015  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546



1220

Feet

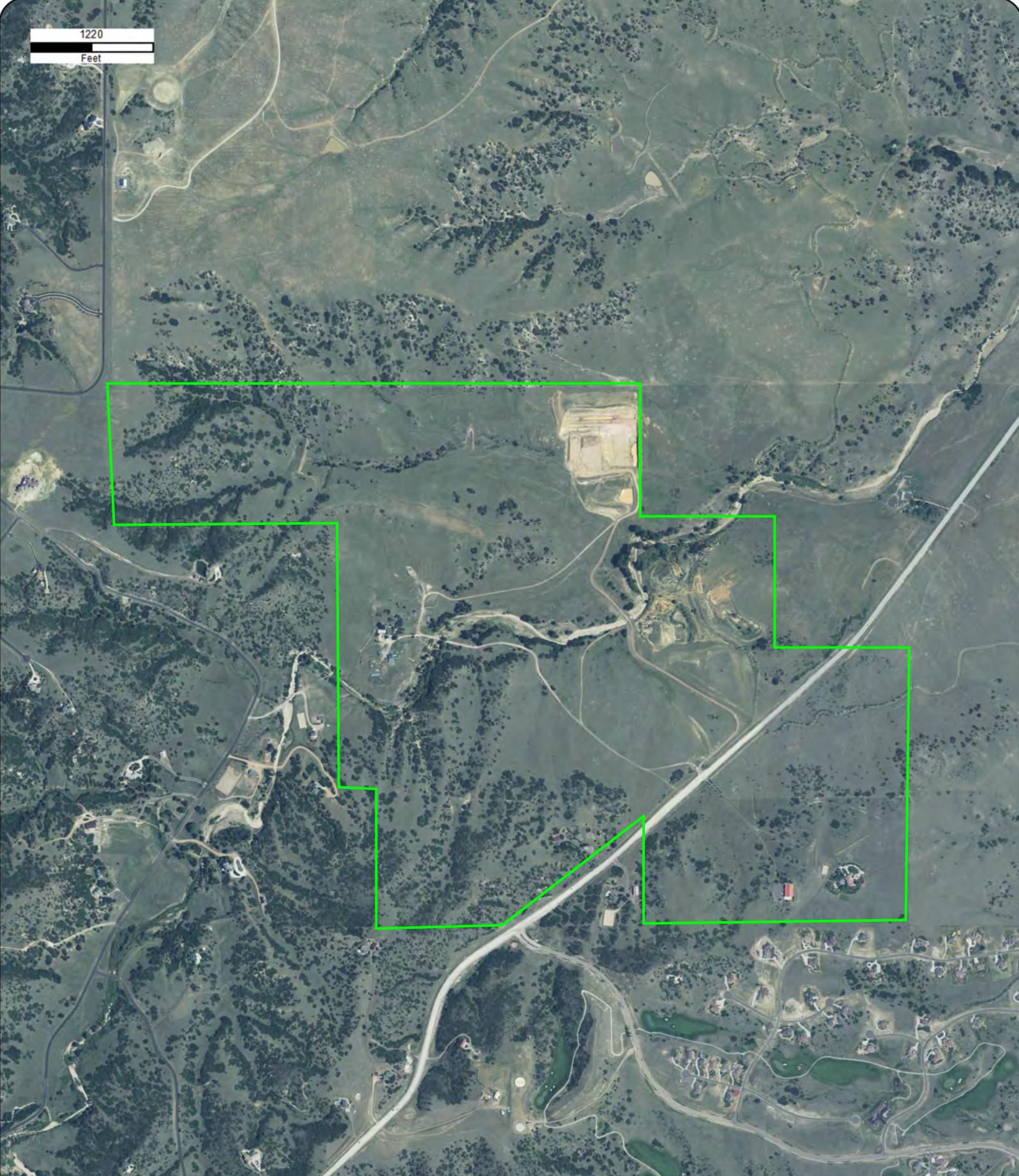
Year: 2013  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



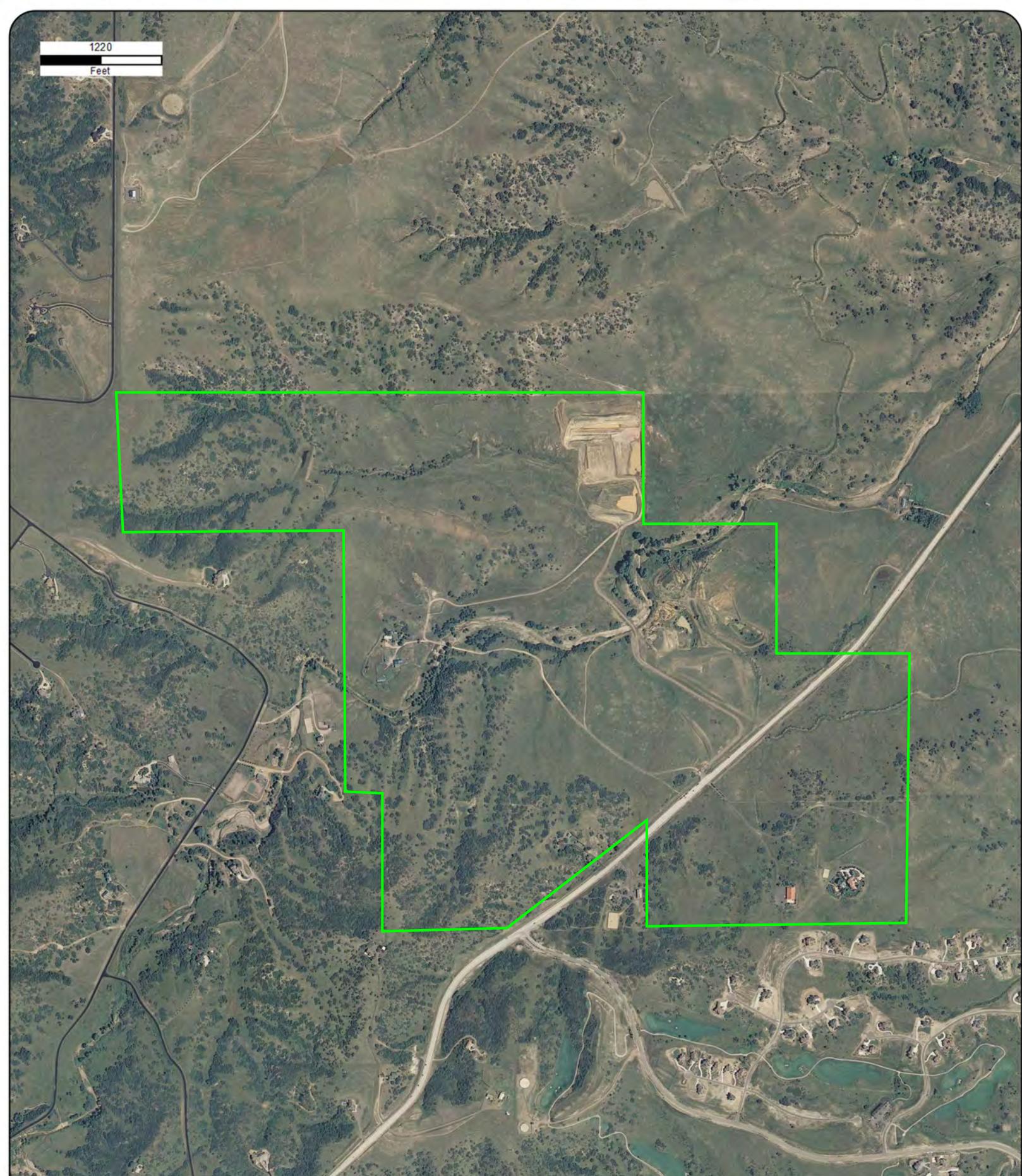
Year: 2011  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



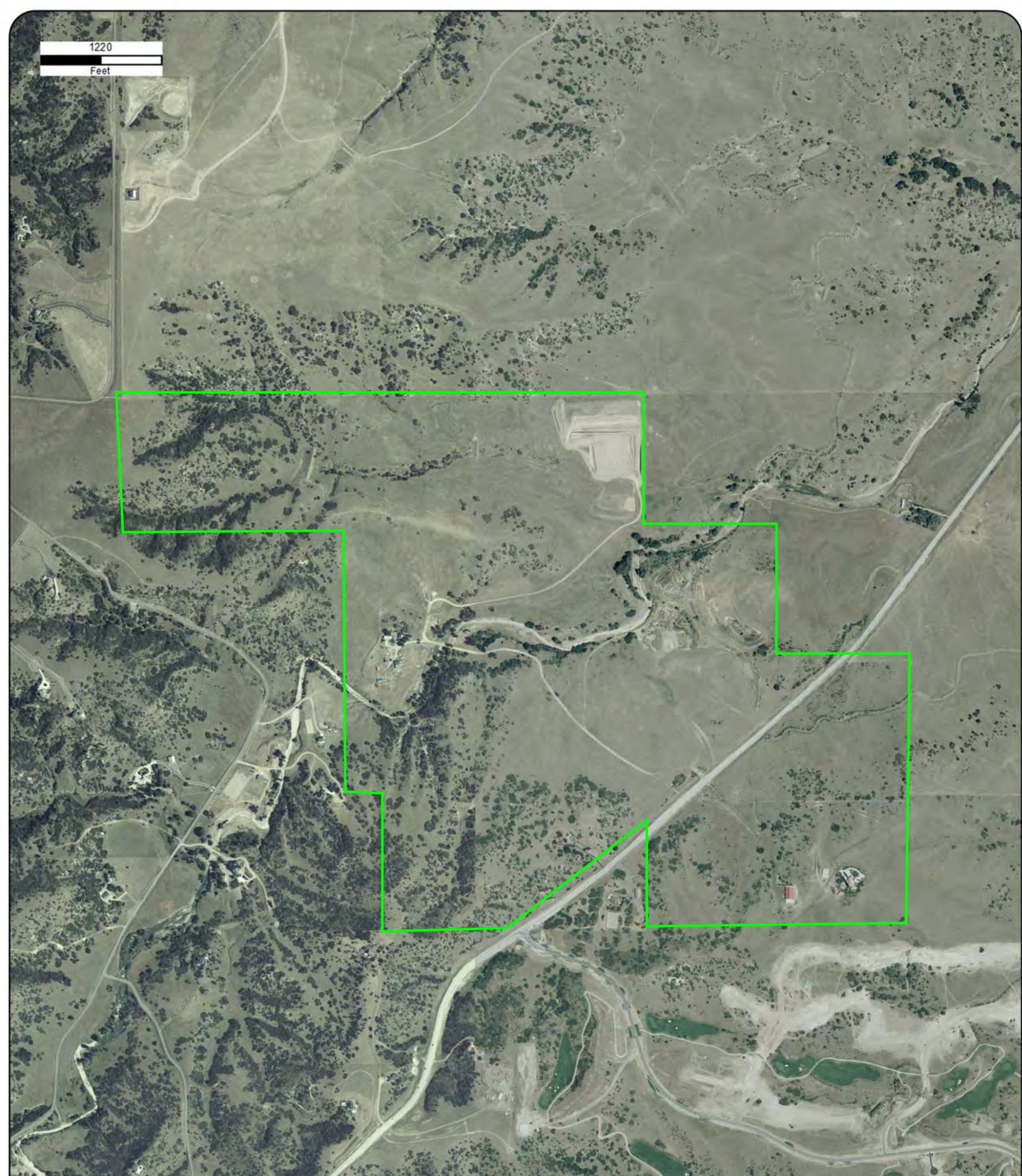
Year: 2009  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



Year: 2005  
Source: USDA  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220  
Feet



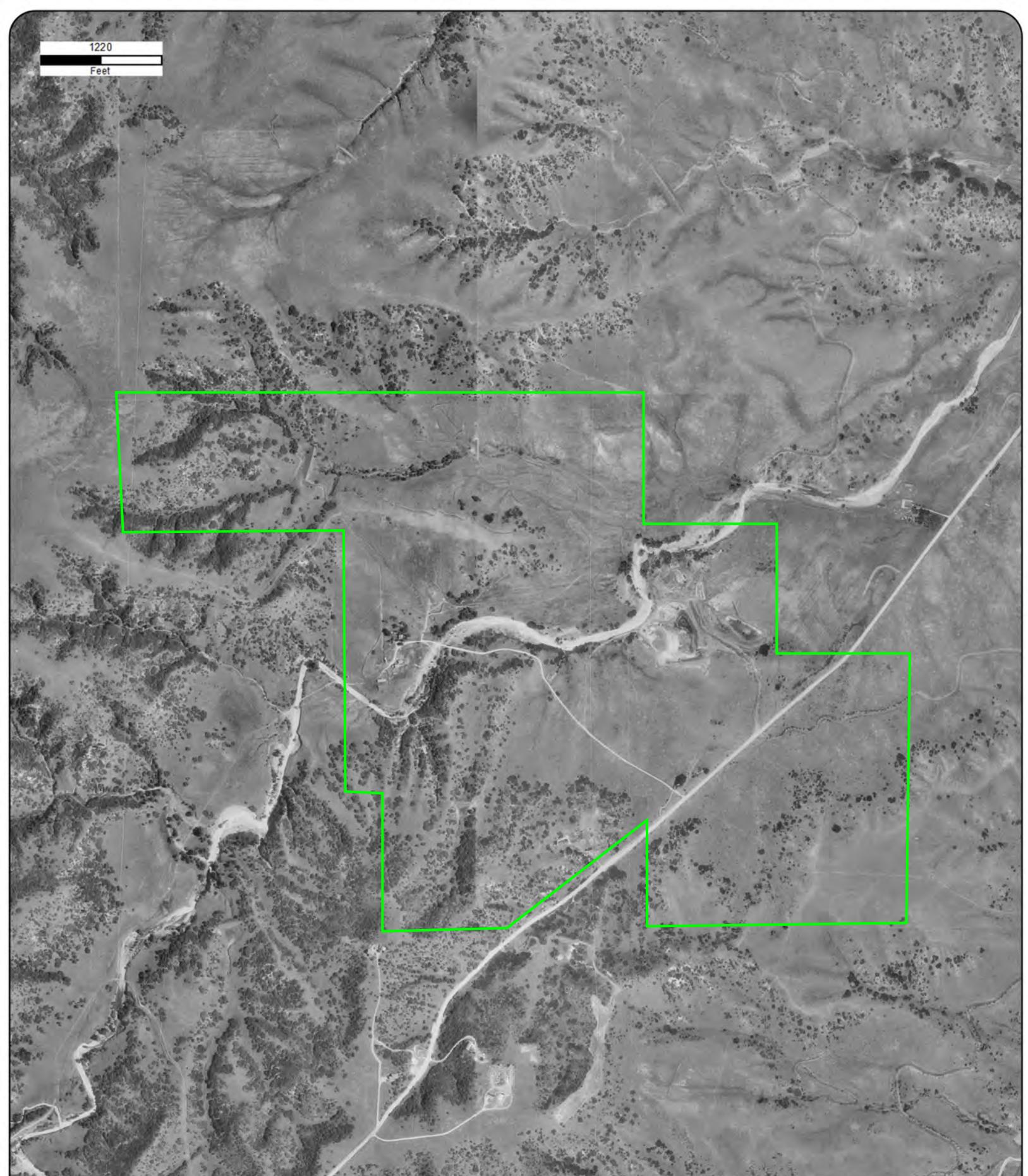
Year: 1999  
Source: USGS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



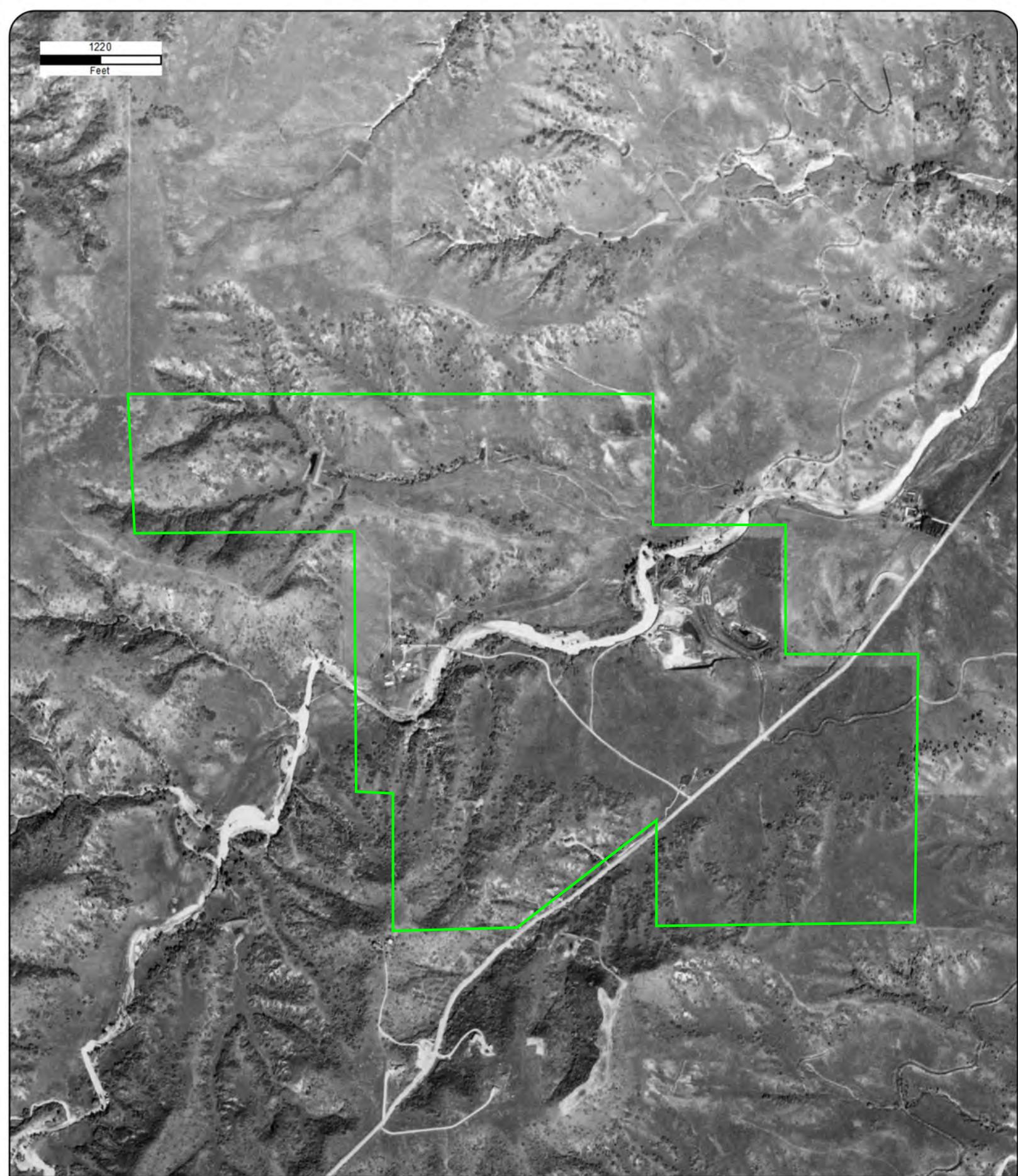
Year: 1993  
Source: USGS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



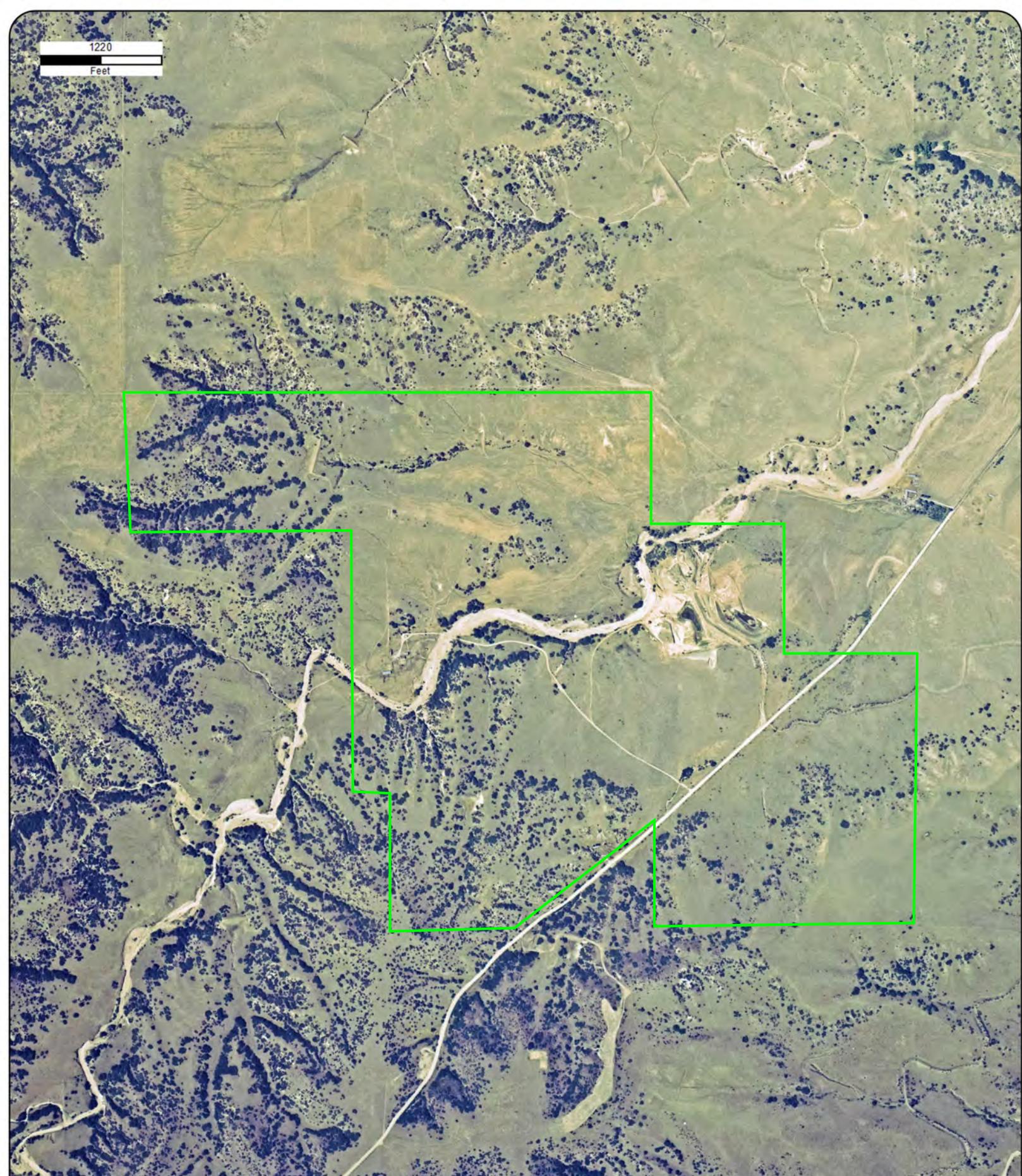
Year: 1984  
Source: USGS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



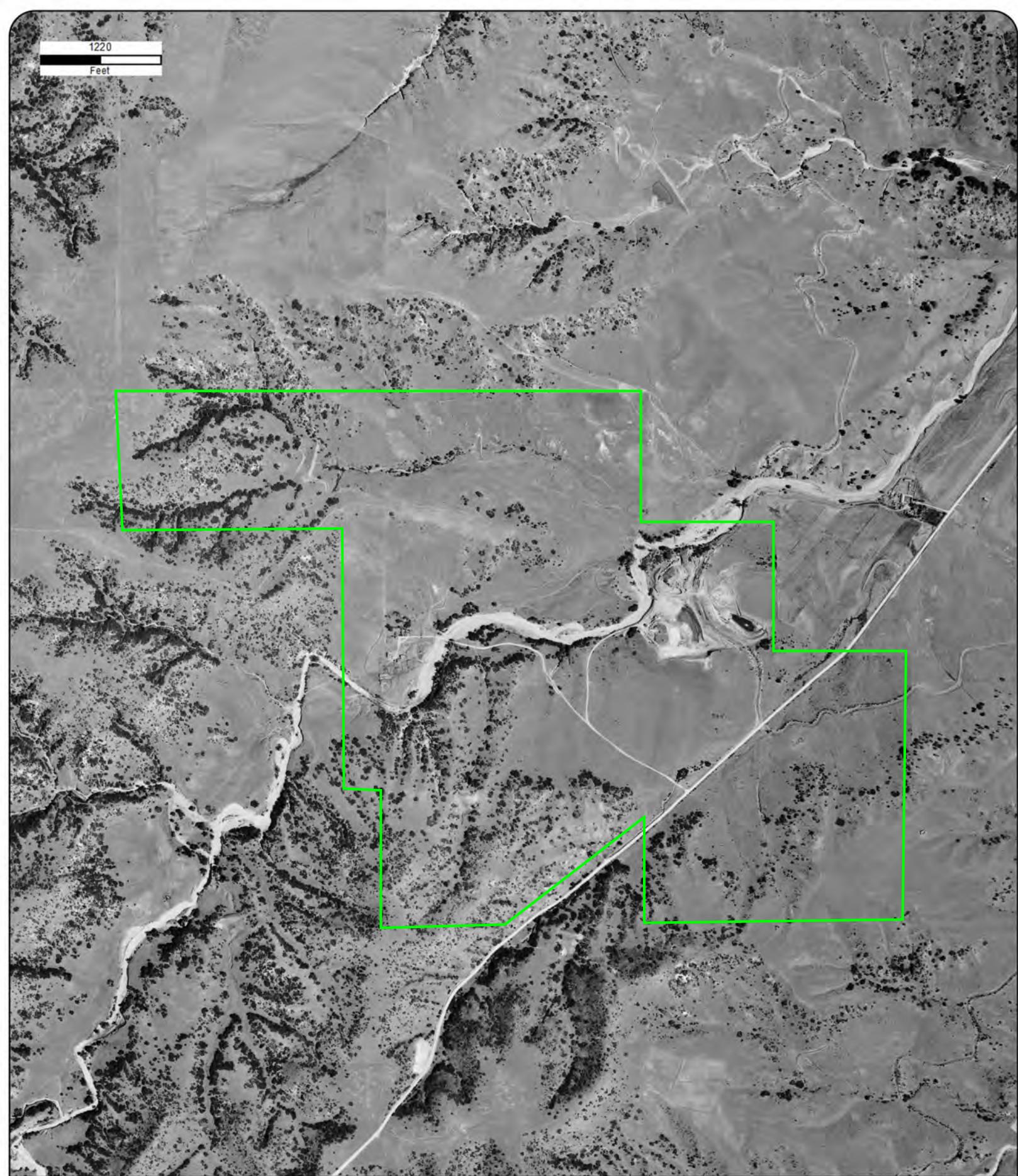
Year: 1978  
Source: USGS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



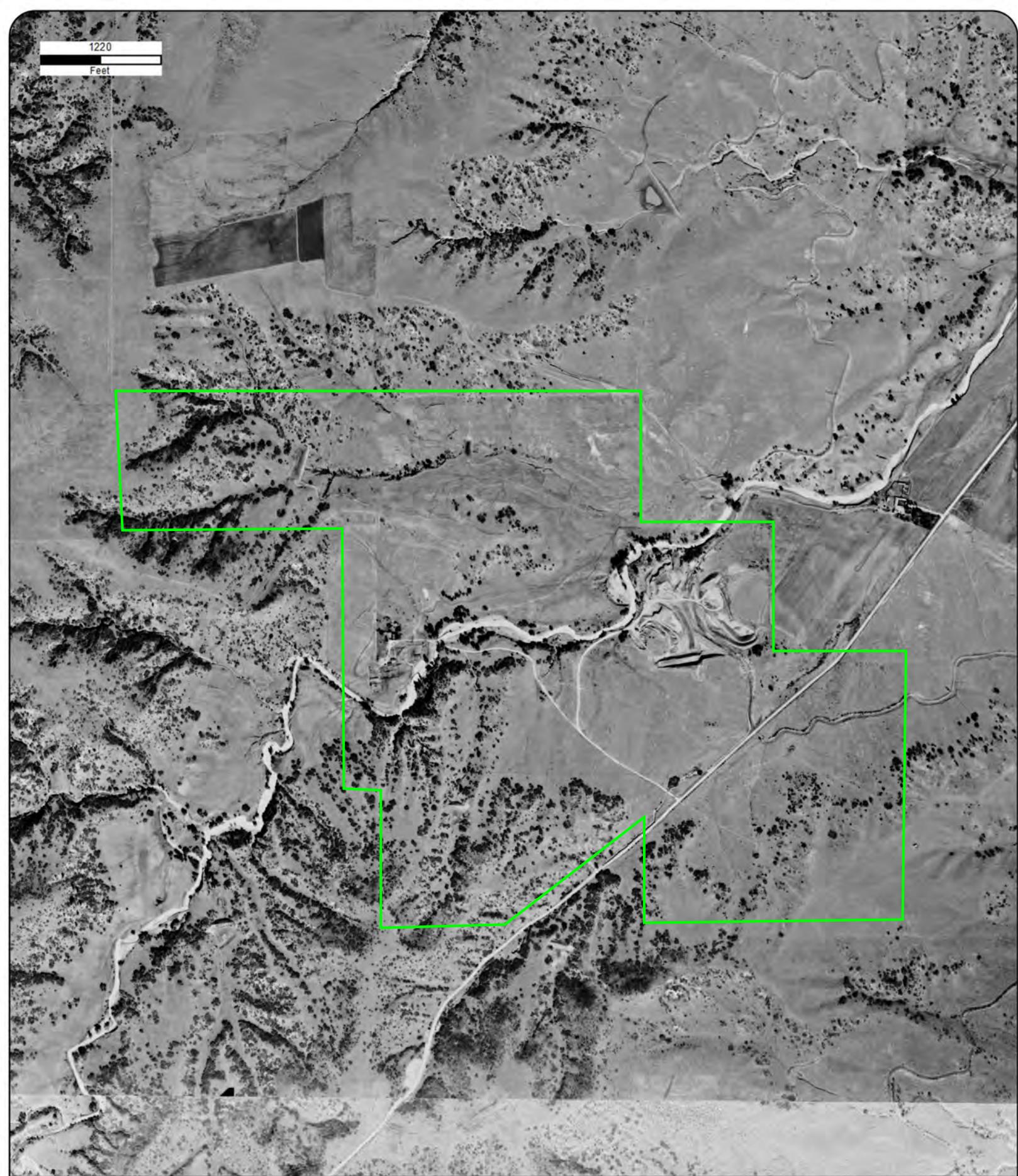
Year: 1971  
Source: USGS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



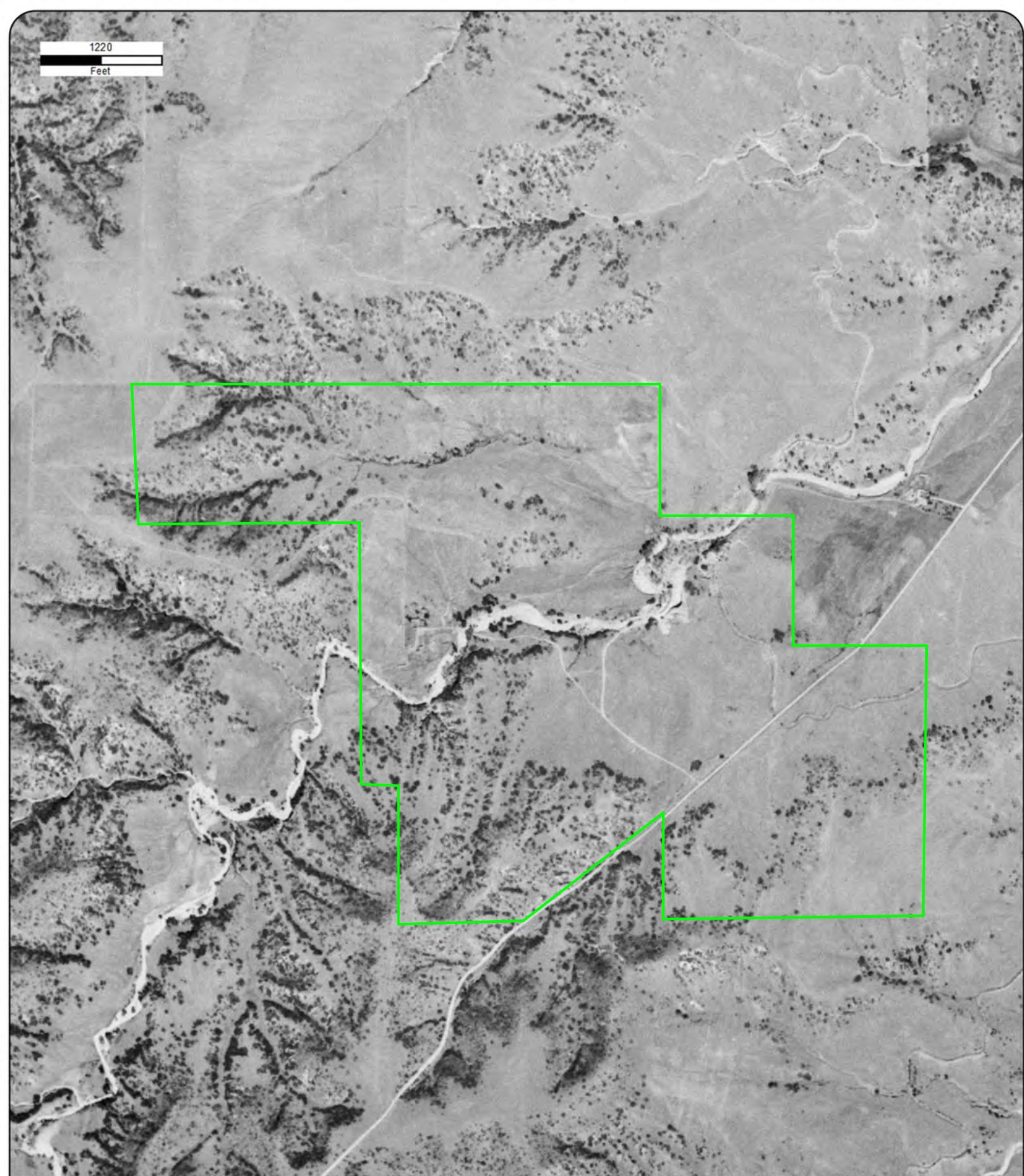
Year: 1964  
Source: USGS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

1220

Feet



Year: 1953

Source: AMS

Scale: 1" = 1200'

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,

CO

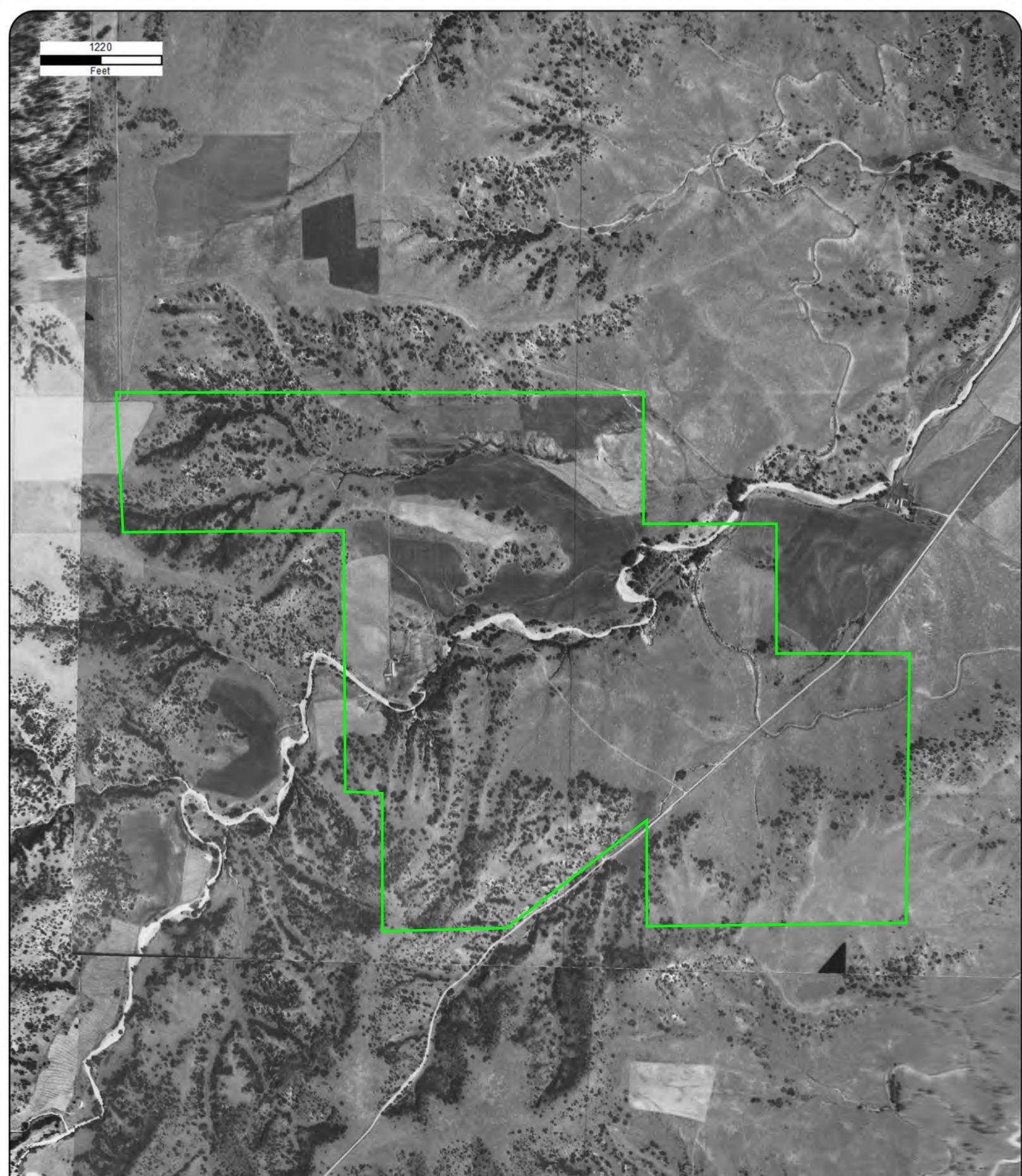
Approx Center: -104.80622196,39.45679301

Comment: Best Copy Available

Order No: 23050500546

1220

Feet



Year: 1937  
Source: ASCS  
Scale: 1" = 1200'  
Comment:

Address: Crowfoot Valley Rd and Pradera Pkwy, Parker,  
CO  
Approx Center: -104.80622196,39.45679301

Order No: 23050500546

**Crowsnest Development**

Crowfoot Valley Rd. and Pradera Pkwy  
Castle Rock, CO 80108

Inquiry Number: 08193314.5r

December 08, 2025

## EDR Area / Corridor Report



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

## TABLE OF CONTENTS

### **LIGHTBOX LIVE**

Open [LightBox Live](#) to access data, tools, and advanced analytics in one online platform.

[http://www.web.edrnet.com/ordering/switchboard/login.aspx?s=goto\\_lightbox&pguid=1B9C34BD-B3C7-431E-A36A-9BA232321A40](http://www.web.edrnet.com/ordering/switchboard/login.aspx?s=goto_lightbox&pguid=1B9C34BD-B3C7-431E-A36A-9BA232321A40)

<b>SECTION</b>	<b>PAGE</b>
<b>Executive Summary</b>	<b>ES1</b>
<b>Mapped Sites Summary</b>	<b>2</b>
<b>Key Map</b>	<b>2</b>
<b>Map Findings Summary</b>	<b>3</b>
<b>Focus Maps</b>	<b>7</b>
<b>Map Findings</b>	<b>25</b>
<b>Orphan Summary</b>	<b>OR-1</b>
<b>Government Records Searched/Data Currency Tracking</b>	<b>GR-1</b>

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.** ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2025 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 23), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### SUBJECT PROPERTY INFORMATION

#### ADDRESS

CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

#### TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

#### STANDARD ENVIRONMENTAL RECORDS

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

LTANKS: Petroleum Release Events Listing

A review of the LTANKS list, as provided by EDR, and dated 08/01/2025 has revealed that there is 1 LTANKS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
HESSE-RUETER LAND LP	6645 CROWFOOT VALLEY	B4 / 5	31

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

UST: Underground Storage Tank Database

A review of the UST list, as provided by EDR, and dated 08/20/2025 has revealed that there is 1 UST site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
HESSE-RUETER LAND LP Facility Id: 21285 Tank Status: Permanently Closed Tank Tag/Tank Status: 21285-1	6645 CROWFOOT VALLEY	B5 / 5	31

# EXECUTIVE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORDS

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

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 06/04/2024 has revealed that there is 1 MINES MRDS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CLAYPIT		7 / 5	32

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 09/04/2025 has revealed that there are 2 FINDS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<b>STEVENS MINE</b> Registry ID:: 110070072767	<b>6237 CROWFOOT VALLEY</b>	<b>A3 / 5</b>	<b>30</b>
<b>STEVENS MINE</b> Registry ID:: 110037261414	<b>6237 CRAWFOOT RD</b>	<b>6 / 5</b>	<b>32</b>

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 09/20/2025 has revealed that there are 2 ECHO sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<b>STEVENS MINE</b> Registry ID: 110070072767	<b>6237 CROWFOOT VALLEY</b>	<b>A3 / 5</b>	<b>30</b>
<b>STEVENS MINE</b> Registry ID: 110037261414	<b>6237 CRAWFOOT RD</b>	<b>6 / 5</b>	<b>32</b>

AIRS: Permitted Facility & Emissions Listing

A review of the AIRS list, as provided by EDR, and dated 08/20/2025 has revealed that there is 1 AIRS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
DENVER BRICK COMPANY County/Plant ID: 035-0182	SEC 8 T7S R66W	A1 / 5	24

## EXECUTIVE SUMMARY

### MINES: Permitted Mines Listing

A review of the MINES list, as provided by EDR, and dated 07/06/2025 has revealed that there is 1 MINES site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
STEVENS CLAY LEASE Facility Id: M1996064		8 / 5	33

### NPDES: Permitted Facility Listing

A review of the NPDES list, as provided by EDR, and dated 06/10/2025 has revealed that there is 1 NPDES site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
STEVENS MINE Permit Number: COG501504 Permit Number: COG501853	6237 CROWFOOT VALLEY	A2 / 5	24

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

##### SHWF: Solid Waste Information System Listing

A review of the SHWF list, as provided by EDR, and dated 07/24/2025 has revealed that there is 1 SHWF site within approximately 0.5 miles of the requested target property.

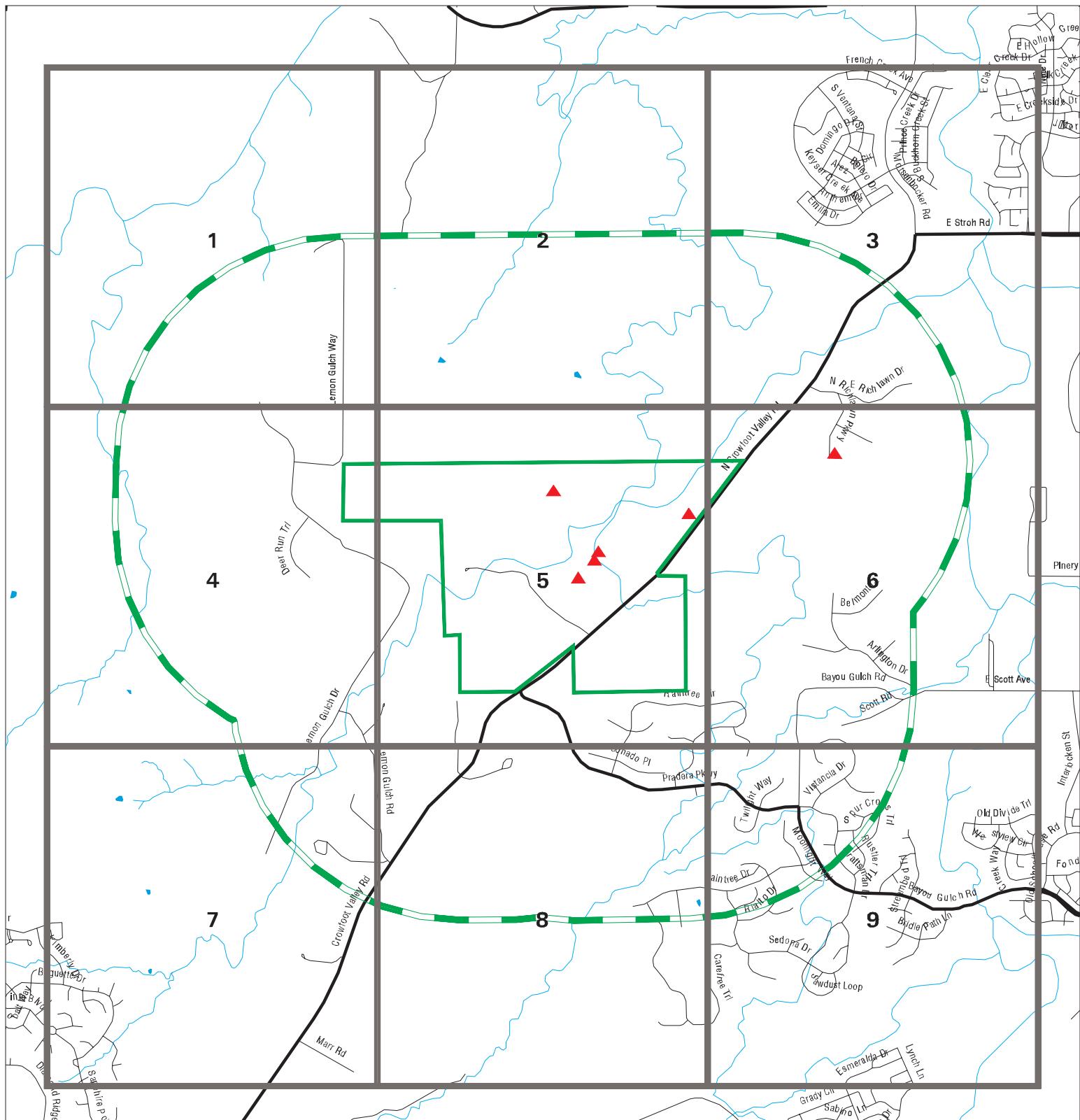
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
RICHLAWN PARKWAY PRO	7044 N RICHLAWN PKWY	E 1/4 - 1/2 (0.406 mi.)	9 / 6	34

**MAPPED SITES SUMMARY**

**Target Property:**  
 CROWFOOT VALLEY RD. AND PRADERA PKWY  
 CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A1 / 5	DENVER BRICK COMPANY	SEC 8 T7S R66W	AIRS	TP
A2 / 5	STEVENS MINE	6237 CROWFOOT VALLEY	NPDES	TP
A3 / 5	STEVENS MINE	6237 CROWFOOT VALLEY	FINDS, ECHO	TP
B4 / 5	HESSE-RUETER LAND LP	6645 CROWFOOT VALLEY	LTANKS	TP
B5 / 5	HESSE-RUETER LAND LP	6645 CROWFOOT VALLEY	UST	TP
6 / 5	STEVENS MINE	6237 CRAWFOOT RD	FINDS, ECHO	TP
7 / 5	CLAYPIT		MINES MRDS	TP
8 / 5	STEVENS CLAY LEASE		MINES	TP
9 / 6	RICHLAWN PARKWAY PRO	7044 N RICHLAWN PKWY	SHWF	2145 0.406 East

# Key Map - 08193314.5r



- ▲ Sites
- ▲ Focus Map - Sites
- ~~~~ Target Property
- ~~~~ National Priority List Sites
- ~~~~ Search Buffer
- ~~~~ Dept. Defense Sites
- ~~~~ Focus Map - No Sites
- ~~~~ Indian Reservations BIA

0 1/2 1 Miles

**SITE NAME:** Crownset Development  
**ADDRESS:** Crowfoot Valley Rd. and Pradera Pkwy  
**CITY/STATE:** Castle Rock CO  
**ZIP:** 80108

**CLIENT:** ERO Resources  
**CONTACT:** Craig Sovka  
**INQUIRY #:** 08193314.5r  
**DATE:** 12/08/25

10:17 AM

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
SHWF	0.500		0	0	1	NR	NR	1
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LTANKS	0.500	1	0	0	0	NR	NR	1
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	0	0	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
AUL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
DENVER CO HIST FILL	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	TP	1	NR	NR	NR	NR	NR	1
FINDS	TP	2	NR	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	2	NR	NR	NR	NR	NR	2
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	TP		NR	NR	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	TP	1	NR	NR	NR	NR	NR	1
ASBESTOS	TP		NR	NR	NR	NR	NR	0
METHANE SITE	TP		NR	NR	NR	NR	NR	0
Methane Investig	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
MINES	0.250	1	0	0	NR	NR	NR	1
NPDES	TP	1	NR	NR	NR	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
UMTRA	0.500		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

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

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

### EDR RECOVERED GOVERNMENT ARCHIVES

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

RGA LF	TP	NR	NR	NR	NR	NR	0
RGA LUST	TP	NR	NR	NR	NR	NR	0
- Totals --		10	0	0	1	0	0

### NOTES:

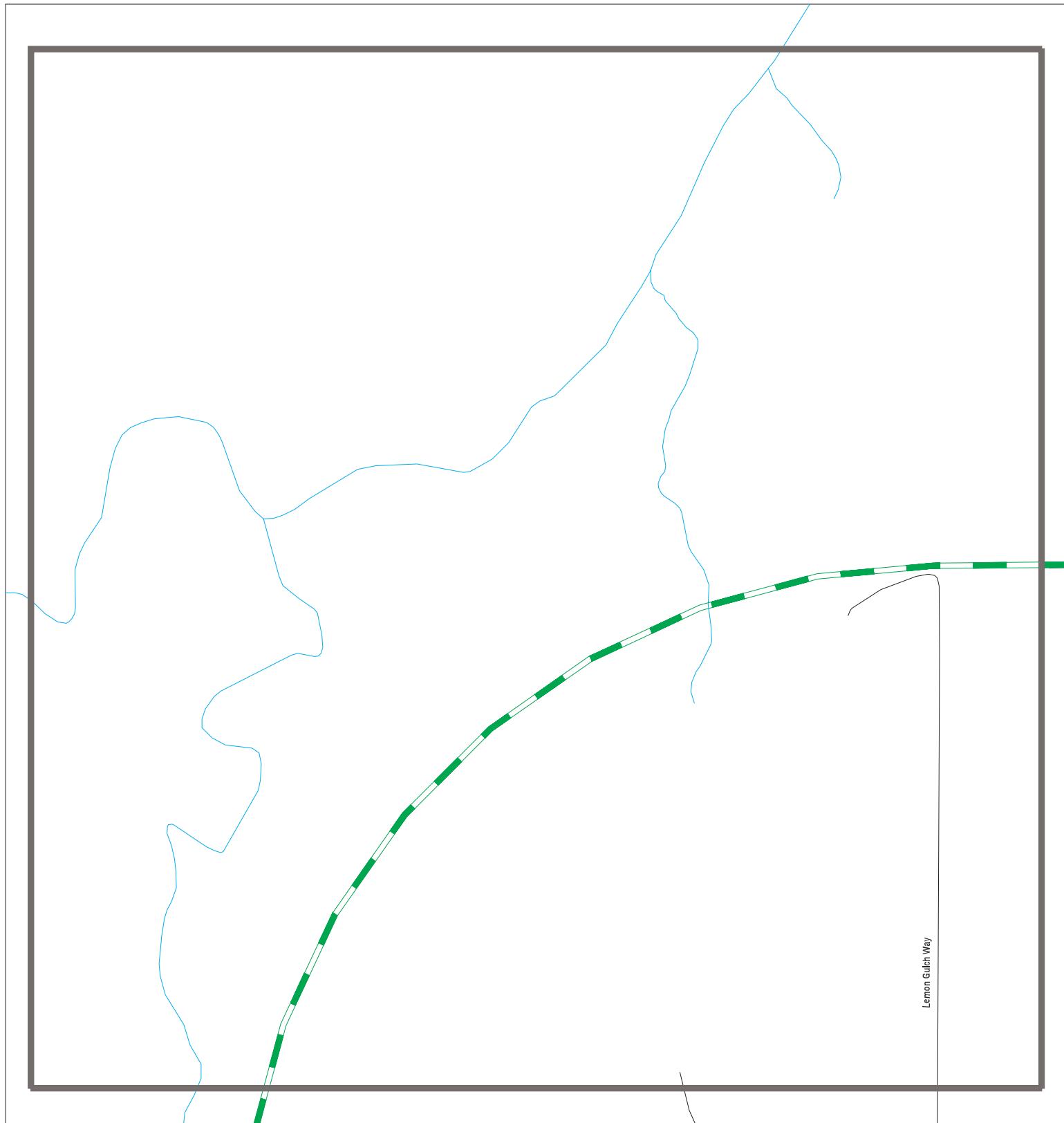
TP = Target Property

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.

# Focus Map - 1 - 08193314.5r



▲ Sites  
/\\ Focus Map - Sites  
/\\ Focus Map - No Sites  
/\\ Search Buffer  
/\\ Target Property

Dept. Defense Sites  
Indian Reservations BIA  
Power Line  
Pipe Line  
National Priority List Sites

0 1/8 1/4 Miles

SITE NAME: Crownset Development  
ADDRESS: Crowfoot Valley Rd. and Pradera Pkwy  
CITY/STATE: Castle Rock CO  
ZIP: 80108

CLIENT: ERO Resources  
CONTACT: Craig Sovka  
INQUIRY #: 08193314.5r  
DATE: 12/08/25

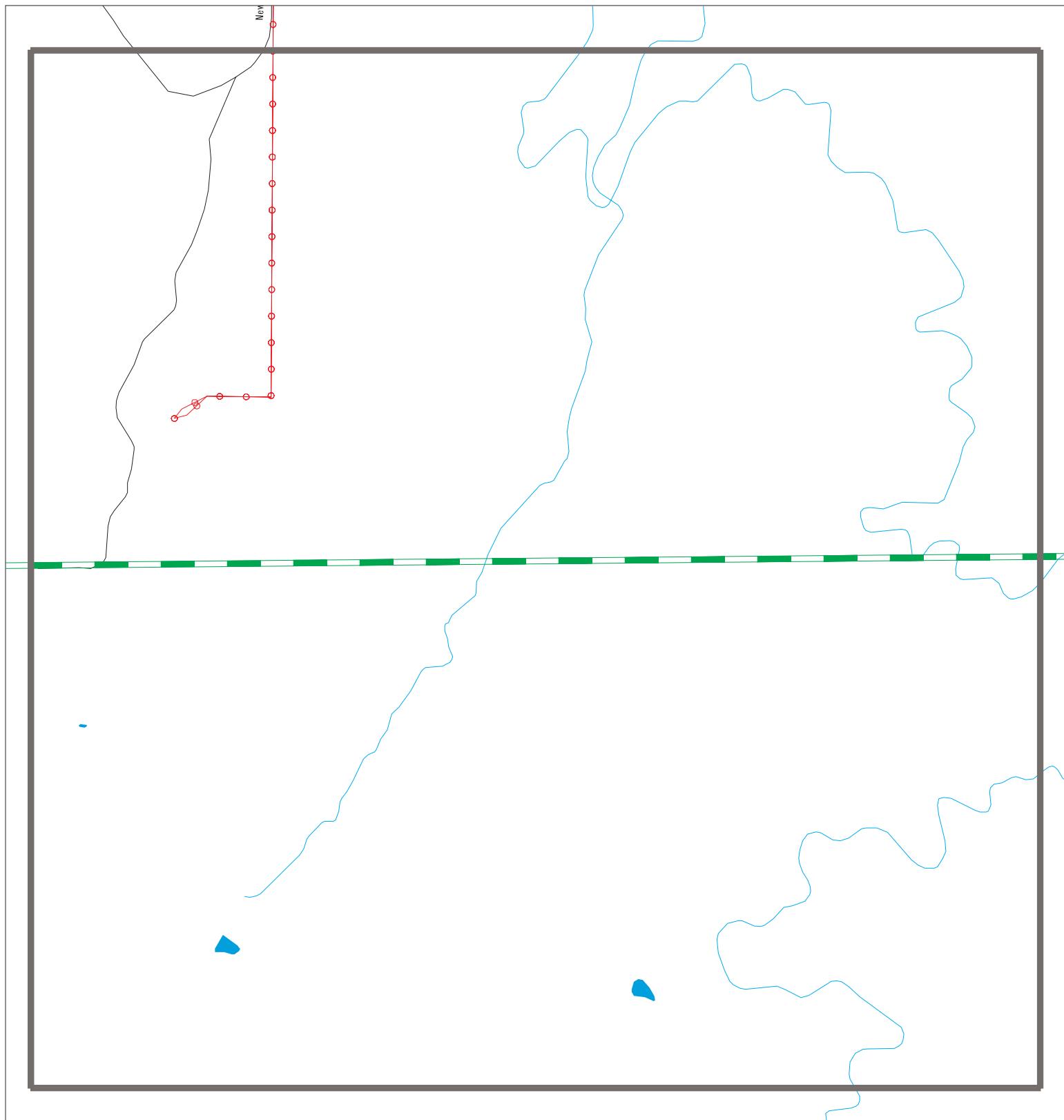
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:  
CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

# Focus Map - 2 - 08193314.5r



- ▲ Sites
- /\ \ Focus Map - Sites
- /\ \ Focus Map - No Sites
- ▲ Target Property
- ▲ Search Buffer

- Dept. Defense Sites
- Power Line
- Pipe Line
- National Priority List Sites
- Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: Crownset Development  
ADDRESS: Crowfoot Valley Rd. and Pradera Pkwy  
CITY/STATE: Castle Rock CO  
ZIP: 80108

CLIENT: ERO Resources  
CONTACT: Craig Sovka  
INQUIRY #: 08193314.5r  
DATE: 12/08/25

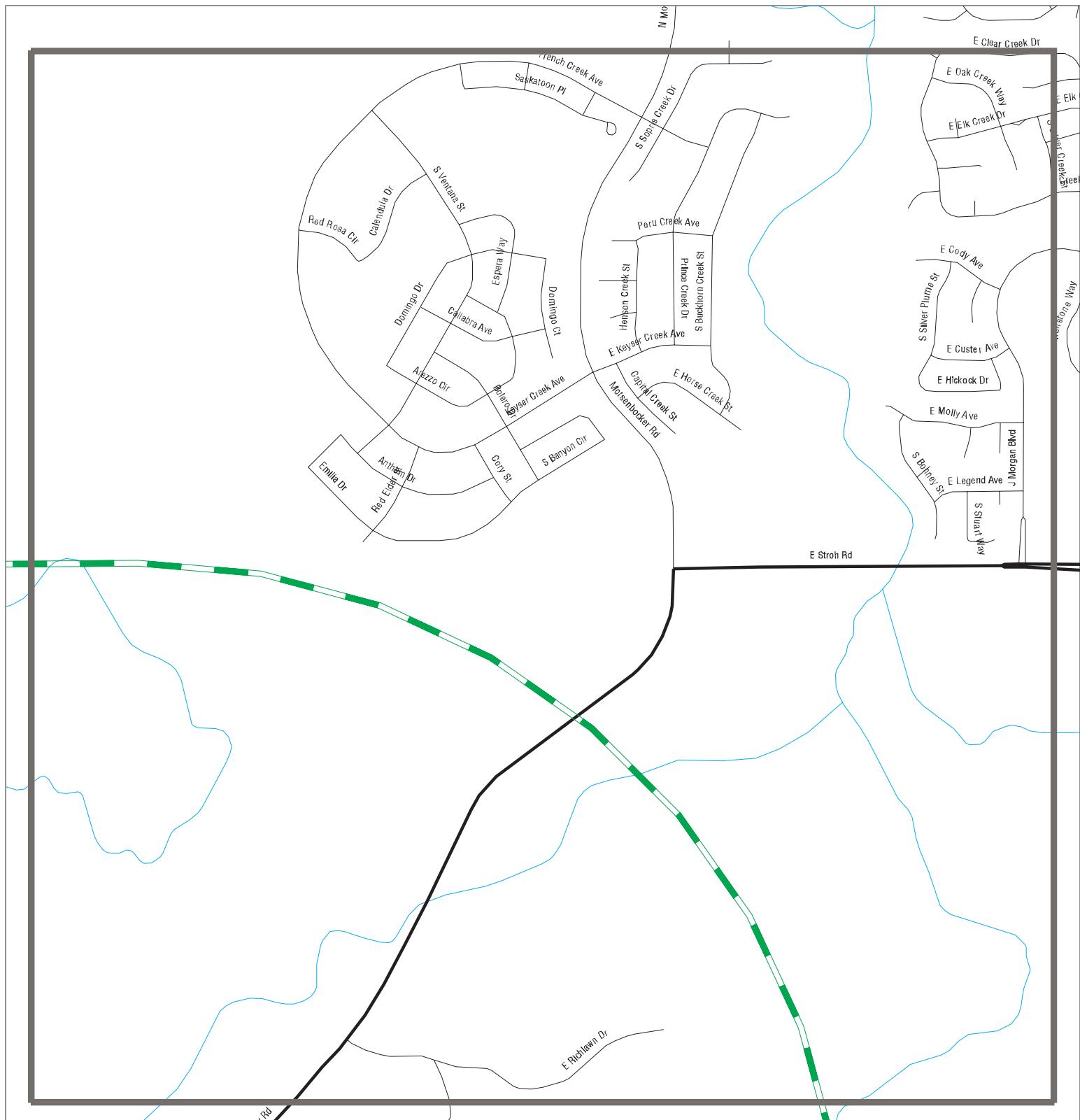
MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:  
CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

# Focus Map - 3 - 08193314.5r



**SITE NAME:** Crownset Development  
**ADDRESS:** Crowfoot Valley Rd. and Pradera Pkwy  
**CITY/STATE:** Castle Rock CO  
**ZIP:** 80108

**CLIENT:** ERO Resources  
**CONTACT:** Craig Sovka  
**INQUIRY #:** 08193314.5r  
**DATE:** 12/08/25

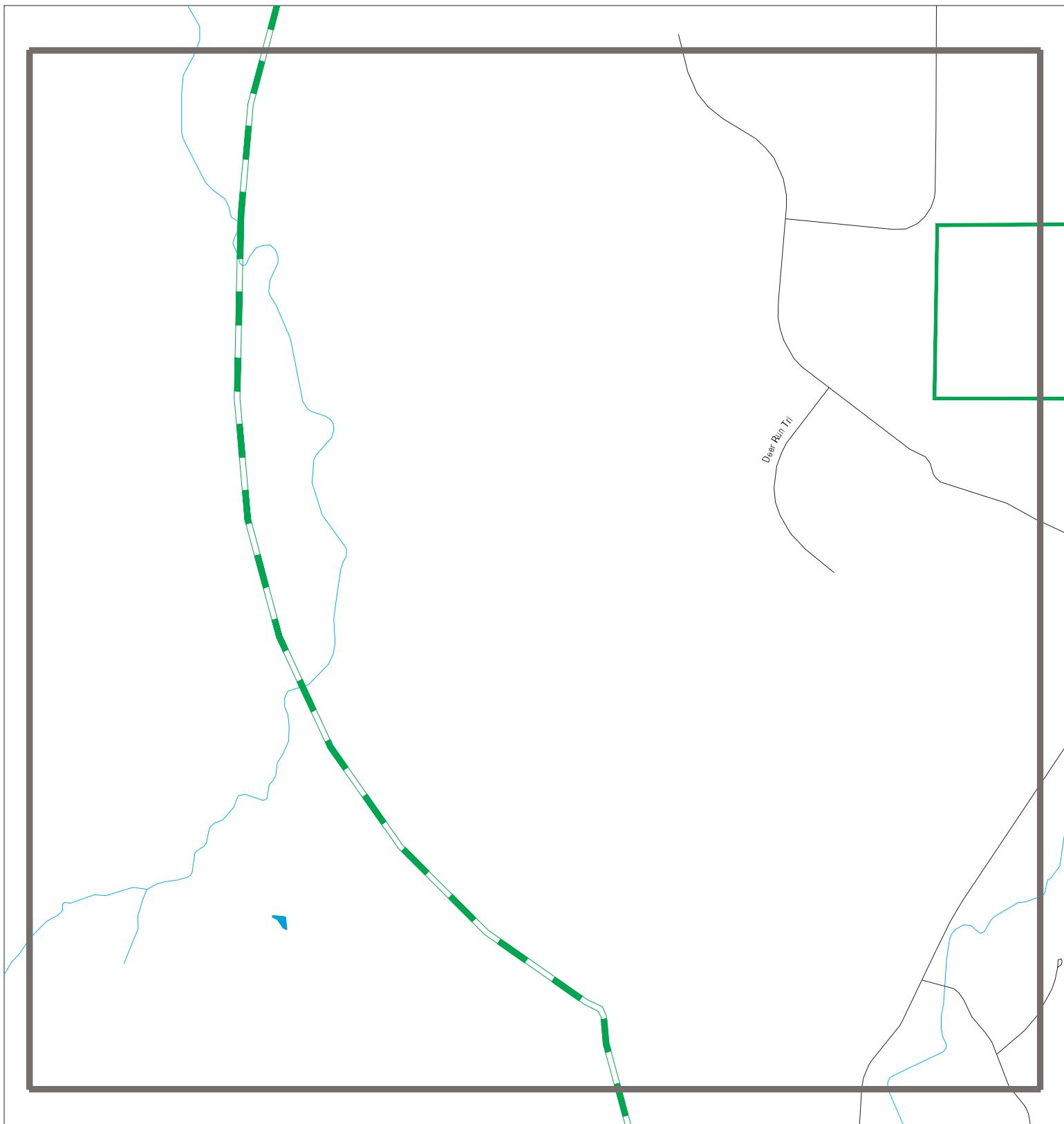
MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:  
CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

# Focus Map - 4 - 08193314.5r



- ▲ Sites
- /\ \ Focus Map - Sites
- Dept. Defense Sites
- Target Property
- Power Line
- Indian Reservations BIA
- Search Buffer
- △ Pipe Line
- /\ \ Focus Map - No Sites
- National Priority List Sites

0 1/8 1/4 Miles

**SITE NAME:** Crownset Development  
**ADDRESS:** Crowfoot Valley Rd. and Pradera Pkwy  
**CITY/STATE:** Castle Rock CO  
**ZIP:** 80108

**CLIENT:** ERO Resources  
**CONTACT:** Craig Sovka  
**INQUIRY #:** 08193314.5r  
**DATE:** 12/08/25

MAPPED SITES SUMMARY - FOCUS MAP 4

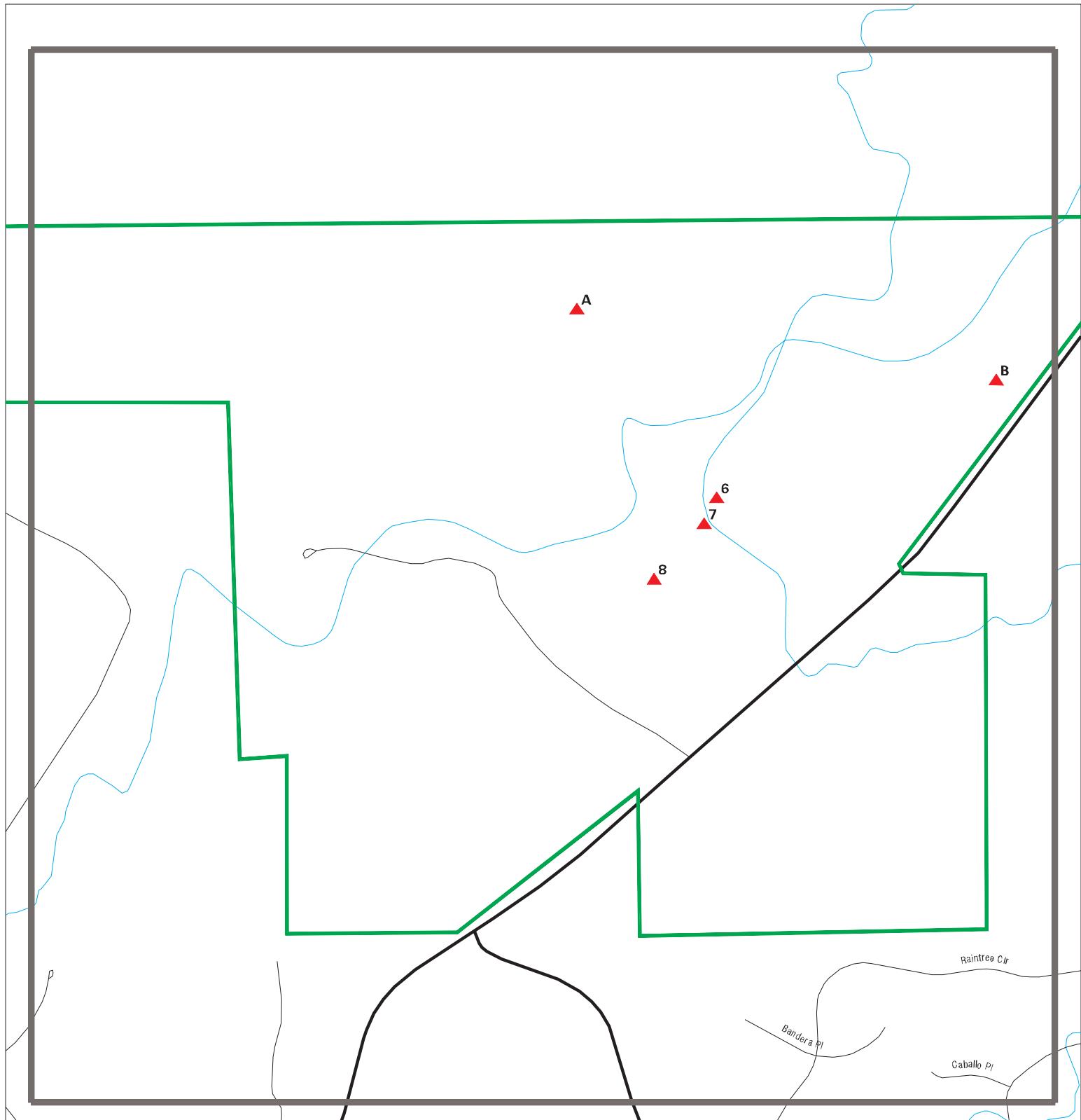
Target Property:

CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

# Focus Map - 5 - 08193314.5r



**SITE NAME:** Crownset Development  
**ADDRESS:** Crowfoot Valley Rd. and Pradera Pkwy  
**CITY/STATE:** Castle Rock CO  
**ZIP:** 80108

**CLIENT:** ERO Resources  
**CONTACT:** Craig Sovka  
**INQUIRY #:** 08193314.5r  
**DATE:** 12/08/25

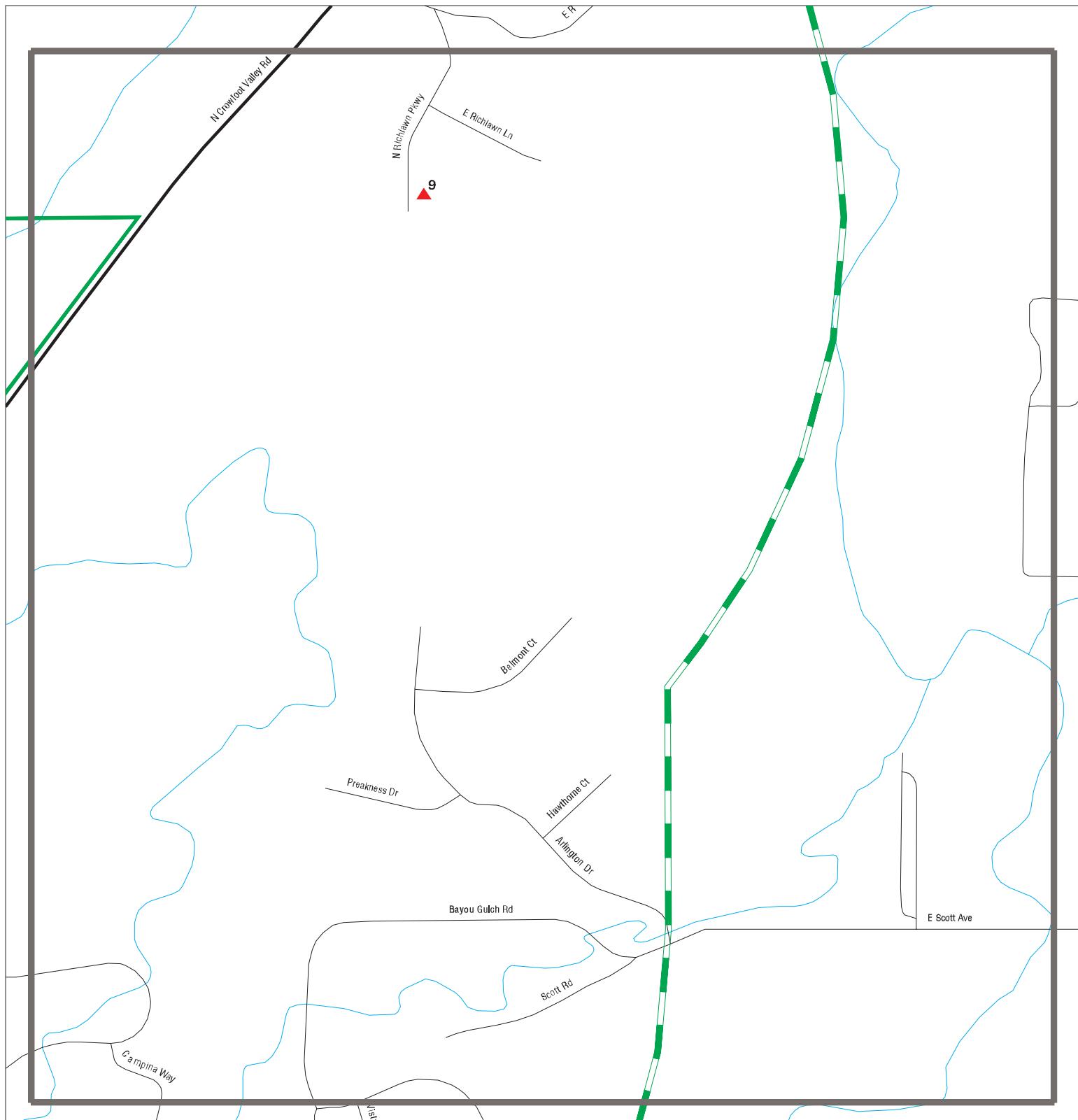
**MAPPED SITES SUMMARY - FOCUS MAP 5**

**Target Property:**

CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A1 / 5	DENVER BRICK COMPANY	SEC 8 T7S R66W	AIRS	TP
A2 / 5	STEVENS MINE	6237 CROWFOOT VALLEY	NPDES	TP
A3 / 5	STEVENS MINE	6237 CROWFOOT VALLEY	FINDS, ECHO	TP
B4 / 5	HESSE-RUETER LAND LP	6645 CROWFOOT VALLEY	LTANKS	TP
B5 / 5	HESSE-RUETER LAND LP	6645 CROWFOOT VALLEY	UST	TP
6 / 5	STEVENS MINE	6237 CROWFOOT RD	FINDS, ECHO	TP
7 / 5	CLAYPIT		MINES MRDS	TP
8 / 5	STEVENS CLAY LEASE		MINES	TP

# Focus Map - 6 - 08193314.5r



▲ Sites  
/\ \ Focus Map - Sites  
/\ \ Target Property  
/\ \ Search Buffer  
/\ \ Focus Map - No Sites

Dept. Defense Sites

Indian Reservations BIA

Power Line

Pipe Line

National Priority List Sites

0 1/8 1/4 Miles

SITE NAME: Crownset Development  
 ADDRESS: Crowfoot Valley Rd. and Pradera Pkwy  
 CITY/STATE: Castle Rock CO  
 ZIP: 80108

CLIENT: ERO Resources  
 CONTACT: Craig Sovka  
 INQUIRY #: 08193314.5r  
 DATE: 12/08/25

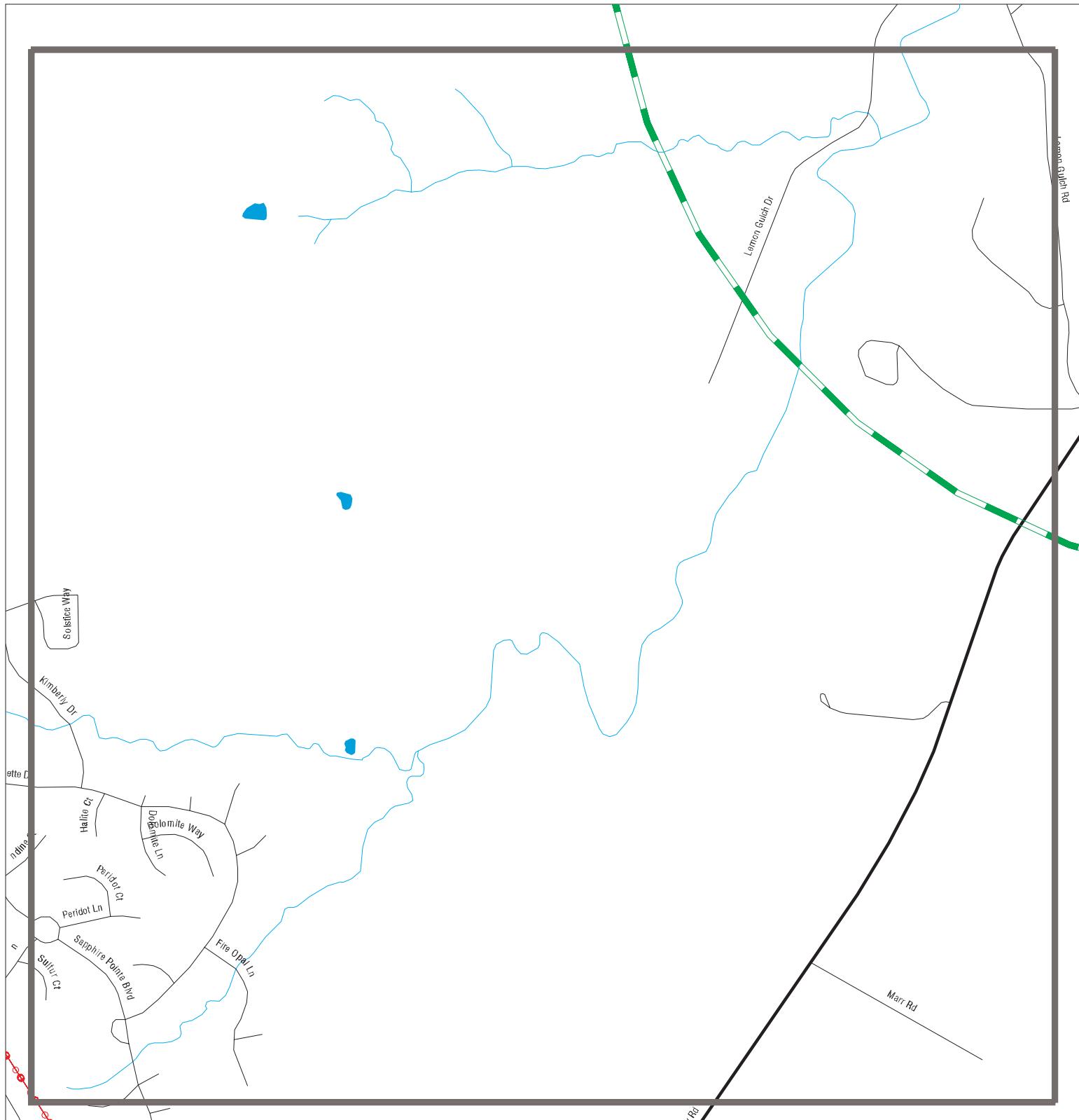
MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:

CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
9 / 6	RICHLAWN PARKWAY PRO	7044 N RICHLAWN PKWY	SHWF	2145 0.406 East

Focus Map - 7 - 08193314.5r



ITE NAME: Crownset Development  
ADDRESS: Crowfoot Valley Rd. and Pradera Pkwy  
CITY/STATE: Castle Rock CO  
ZIP: 80108

CLIENT: ERO Resources  
CONTACT: Craig Sovka  
INQUIRY #: 08193314.5r  
DATE: 12/08/25

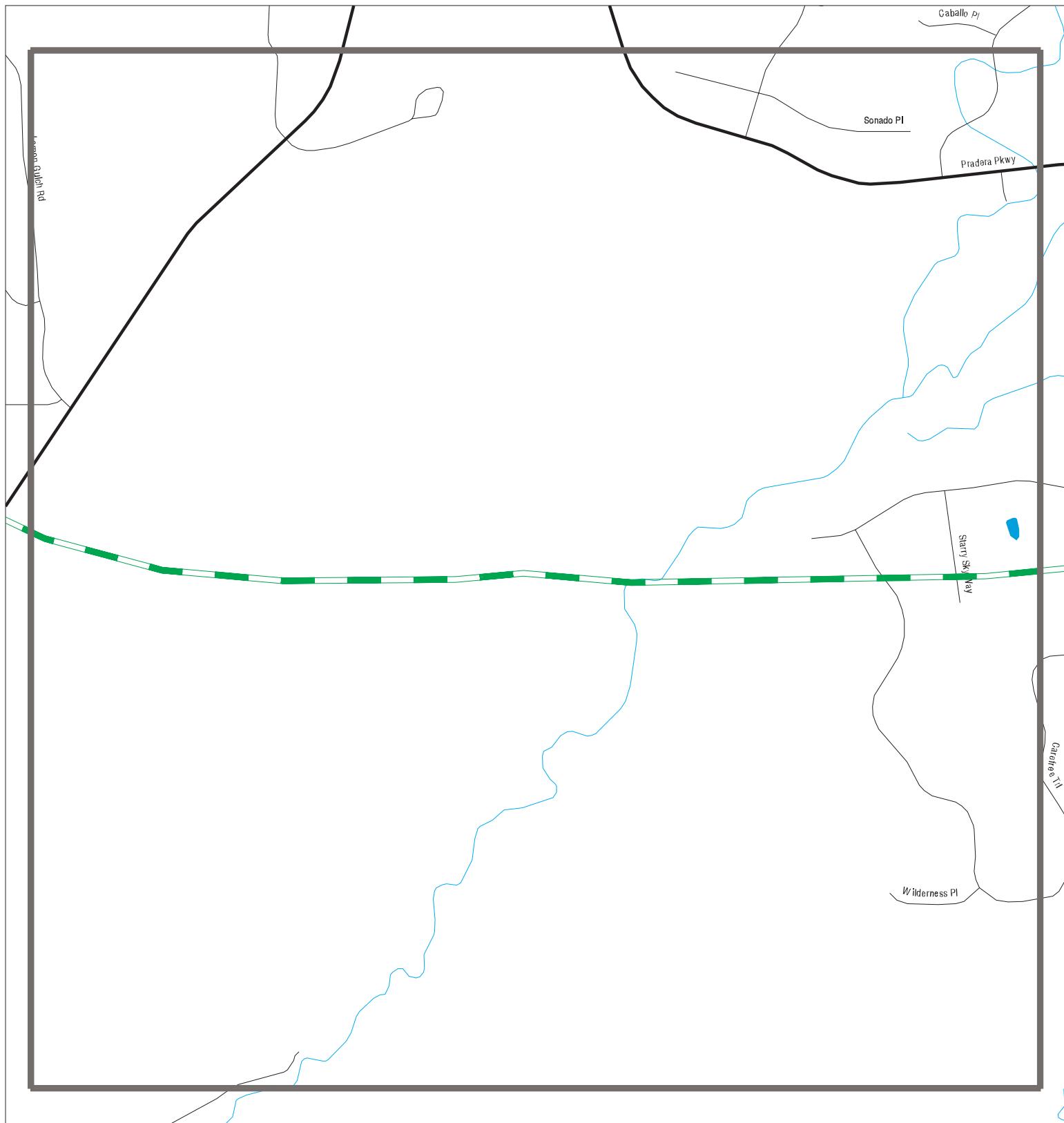
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:  
CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

# Focus Map - 8 - 08193314.5r



- ▲ Sites
- /\ \ Focus Map - Sites
- /\ \ Focus Map - No Sites
- Target Property
- Search Buffer
- Dept. Defense Sites
- Power Line
- Pipe Line
- Indian Reservations BIA
- National Priority List Sites

0 1/8 1/4 Miles

**SITE NAME:** Crownset Development  
**ADDRESS:** Crowfoot Valley Rd. and Pradera Pkwy  
**CITY/STATE:** Castle Rock CO  
**ZIP:** 80108

**CLIENT:** ERO Resources  
**CONTACT:** Craig Sovka  
**INQUIRY #:** 08193314.5r  
**DATE:** 12/08/25

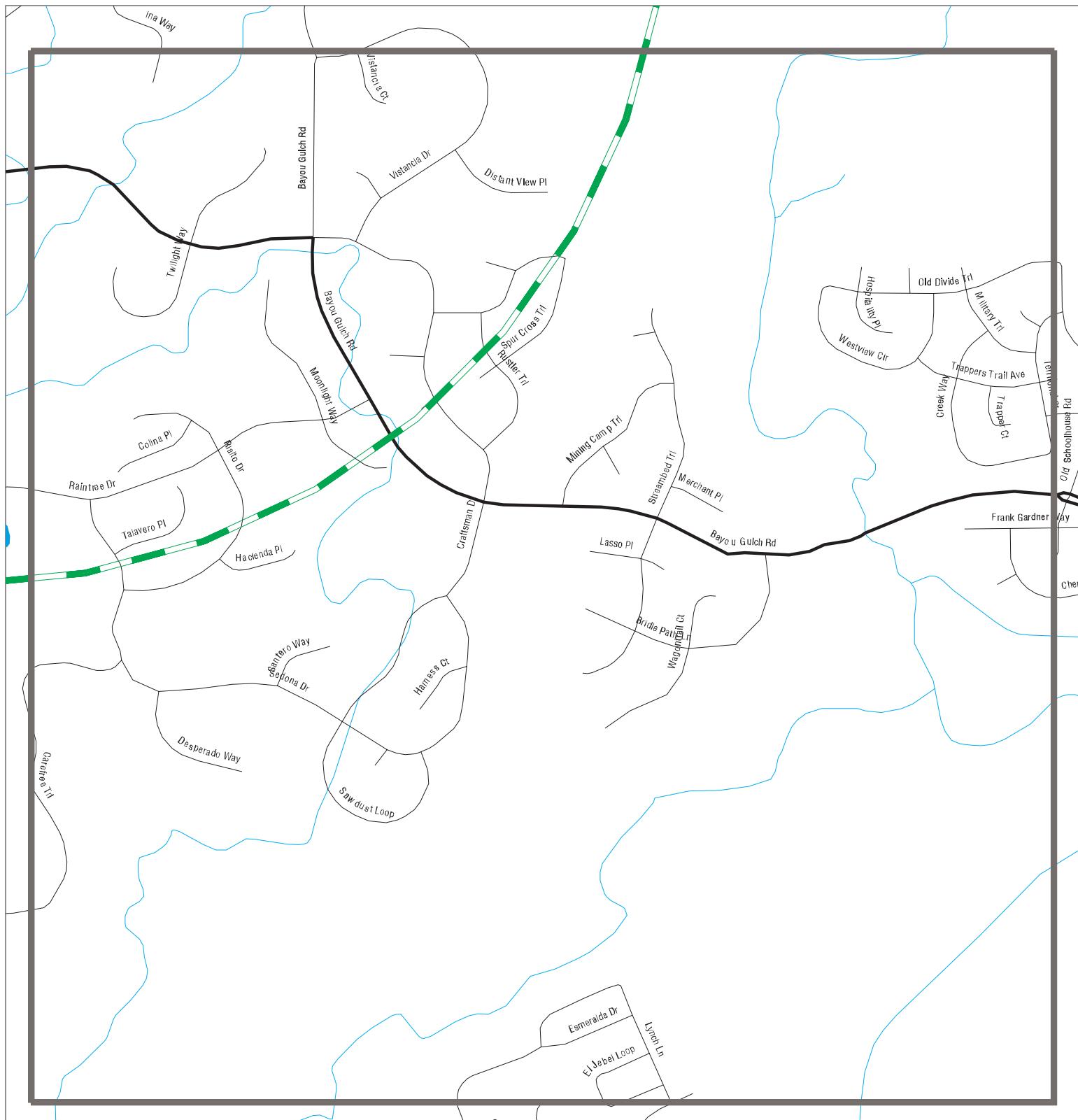
MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:  
CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

# Focus Map - 9 - 08193314.5r



**SITE NAME:** Crownset Development  
**ADDRESS:** Crowfoot Valley Rd. and Pradera Pkwy  
**CITY/STATE:** Castle Rock CO  
**ZIP:** 80108

**CLIENT:** ERO Resources  
**CONTACT:** Craig Sovka  
**INQUIRY #:** 08193314.5r  
**DATE:** 12/08/25

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:  
CROWFOOT VALLEY RD. AND PRADERA PKWY  
CASTLE ROCK, CO 80108

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Map ID	Direction	Distance	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
--------	-----------	----------	-----------	------	--------------	-------------	---------------	---------------

**A1** **DENVER BRICK COMPANY - STEVENS PIT** **AIRS** **S108120373**  
**Target** **SEC 8 T7S R66W** **N/A**  
**Property** **PARKER AREA, CO 80108**

**Site 1 of 3 in cluster A**

**Actual:** AIRS:  
**6108 ft.** Name: DENVER BRICK COMPANY - STEVENS PIT  
**Focus Map:** Address: SEC 8 T7S R66W  
**5** City,State,Zip: PARKER AREA, CO 80108  
 County/Plant ID: 035-0182  
 Contact Name: STEVE HELZER  
 Contact Telephone: (303)688-9894  
 SIC Primary: 1459  
 NAICS Primary: 212323  
 Facility Status: Permanently Closed  
 Latitude: 392743.94  
 Longitude: 1044816.33

Poll:  
 Site ID: 035-0182  
 Full Pollutant Name: TOTAL PARTICULATE MATTER  
 Site-wide Estimated Emissions: 0  
 Site-wide Estimated Emissions Units: TY

Site ID: 035-0182  
 Full Pollutant Name: PARTICULATE MATTER < 10 UM  
 Site-wide Estimated Emissions: 0  
 Site-wide Estimated Emissions Units: TY

Site ID: 035-0182  
 Full Pollutant Name: PARTICULATE MATTER < 2.5 UM  
 Site-wide Estimated Emissions: 0  
 Site-wide Estimated Emissions Units: TY

Unit:  
 Site ID: 035-0182  
 Permit Number: 97DG0307F.CN  
 Unique Emission Unit ID: 001  
 Emission Unit Description: GRAVEL PIT.CN

**A2** **STEVENS MINE** **NPDES** **S117972887**  
**Target** **6237 CROWFOOT VALLEY RD** **N/A**  
**Property** **PARKER, CO 80134**

**Site 2 of 3 in cluster A**

**Actual:** NPDES:  
**6112 ft.** Name: STEVENS MINE  
**Focus Map:** Address: 6237 Crowfoot Valley Rd  
**5** City,State,Zip: PARKER, CO 80134  
 Primary Permit SIC Code: 1459  
 Permit Number: COG501504  
 Permit Name: Acme Brick Co  
 Termination Date: Not reported  
 Receiving Water: Leman Gulch  
 Issued: 12/31/2016  
 Effective: Not reported  
 Expires: 2021-12-31 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**S117972887**

Permit Type Desc: COG500000-Sand and gravel mining process water and stormwater combined  
Contact Name: Helzer  
Contact Office Phone Num: 303-688-6951  
Facility Type Desc: Not reported  
Latitude: 39.458333  
Longitude: -104.800833  
Immediate Water: Not reported  
SW Construction Activity: Not reported  
Permit SIC1: 1459  
Legal First Name: Steve  
Legal Last Name: Helzer  
Legal Title: Facility Mgr  
Facility Contact Title: Facility Mgr  
Stream Segment: COSPCH04  
SW Construction Total Acres: Not reported  
SW Construction Disturbed Acres: Not reported  
SW Construction Start Date: Not reported  
SW Construction End Date: Not reported  
Reuse TREATER ID: Not reported  
Reuse TREATER: Not reported  
Facility Description: Not reported  
Facility Contact Organization: Acme Brick Co  
Billing Organization: Acme Brick Co  
Billing Fname: Michael  
Billing Lname: Sutter  
Billing Title: Env Program Mgr  
DMR Organization: Acme Brick Co  
DMR Fname: Steve  
DMR Lname: Helzer  
DMR Title: Facility Mgr  
Permit Sector: Commerce and industry  
Permit Status: Not reported  
Activity Description: Not reported  
Legal Address1: 401 Prairie Hawk Dr  
Legal City: Castle Rock  
Legal State: CO  
Legal Zip code: 80109  
Legal Phone: 303-688-6951  
Legal Email: shelzer@brick.com  
Property Owner Organization: Not reported  
Property Owner FName: Not reported  
Property Owner LName: Not reported  
Property Owner Title: Not reported  
Property Owner Address1: Not reported  
Property Owner City: Not reported  
Property Owner State: Not reported  
Property Owner Zipcode: Not reported  
Property Owner Phone: Not reported  
Property Owner Email: Not reported  
Facility Contact Address1: 401 Prairie Hawk Dr  
Facility Contact City: Castle Rock  
Facility Contact State: CO  
Facility Contact Zipcode: 80109  
Facility Contact Email: shelzer@brick.com  
Billing Address1: 3024 Acme Brick Plaza  
Billing City: Fort Worth  
Billing State: TX

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**S117972887**

Billing Zipcode: 76109  
Billing Phone: 817-332-4101  
Billing Email: msutter@brick.com  
DMR Address1: 401 Prairie Hawk Dr  
DMR City: Castle Rock  
DMR State: CO  
DMR Zipcode: 80109  
DMR Phone: 303-688-6951  
DMR Email: shelzer@brick.com  
Regulation ID: Not reported  
Major River Basin: South Platte basin  
Permit SIC2: Not reported  
Permit SIC3: Not reported  
Permit SIC4: Not reported  
  
Name: STEVENS MINE  
Address: 6237 Crowfoot Valley Rd  
City,State,Zip: PARKER, CO 80134  
Primary Permit SIC Code: 1459  
Permit Number: COG501504  
Permit Name: Acme Brick Co  
Termination Date: Not reported  
Receiving Water: Leman Gulch  
Issued: 12/31/2016  
Effective: 01/01/2017  
Expires: 2021-12-31 00:00:00  
Permit Type Desc: COG500000-Sand and gravel mining process water and stormwater combined  
Contact Name: Helzer  
Contact Office Phone Num: 303-688-6951  
Facility Type Desc: Not reported  
Latitude: 39.458333  
Longitude: -104.800833  
Immediate Water: Not reported  
SW Construction Activity: Not reported  
Permit SIC1: 1459  
Legal First Name: Steve  
Legal Last Name: Helzer  
Legal Title: Facility Mgr  
Facility Contact Title: Facility Mgr  
Stream Segment: COSPCH04  
SW Construction Total Acres: Not reported  
SW Construction Disturbed Acres: Not reported  
SW Construction Start Date: Not reported  
SW Construction End Date: Not reported  
Reuse TREATER ID: Not reported  
Reuse TREATER: Not reported  
Facility Description: Not reported  
Facility Contact Organization: Not reported  
Billing Organization: Not reported  
Billing Fname: Not reported  
Billing Lname: Not reported  
Billing Title: Not reported  
DMR Organization: Not reported  
DMR Fname: Not reported  
DMR Lname: Not reported  
DMR Title: Not reported  
Permit Sector: Commerce and industry

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**S117972887**

Permit Status:	Effective
Activity Description:	Not reported
Legal Address1:	Not reported
Legal City:	Not reported
Legal State:	Not reported
Legal Zip code:	Not reported
Legal Phone:	303-688-6951
Legal Email:	shelzer@brick.com
Property Owner Organization:	Not reported
Property Owner FName:	Not reported
Property Owner LName:	Not reported
Property Owner Title:	Not reported
Property Owner Address1:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zipcode:	Not reported
Property Owner Phone:	Not reported
Property Owner Email:	Not reported
Facility Contact Address1:	Not reported
Facility Contact City:	Not reported
Facility Contact State:	Not reported
Facility Contact Zipcode:	Not reported
Facility Contact Email:	shelzer@brick.com
Billing Address1:	Not reported
Billing City:	Not reported
Billing State:	Not reported
Billing Zipcode:	Not reported
Billing Phone:	Not reported
Billing Email:	Not reported
DMR Address1:	Not reported
DMR City:	Not reported
DMR State:	Not reported
DMR Zipcode:	Not reported
DMR Phone:	Not reported
DMR Email:	Not reported
Regulation ID:	Not reported
Major River Basin:	Not reported
Permit SIC2:	Not reported
Permit SIC3:	Not reported
Permit SIC4:	Not reported
Name:	STEVENS MINE
Address:	6237 Crowfoot Valley Rd
City,State,Zip:	PARKER, CO 80134
Primary Permit SIC Code:	1459
Permit Number:	COG501853
Permit Name:	Acme Brick Co
Termination Date:	Not reported
Receiving Water:	Cherry Creek
Issued:	06/09/2017
Effective:	Not reported
Expires:	2021-12-31 00:00:00
Permit Type Desc:	COG500000-Sand and gravel mining process water and stormwater combined
Contact Name:	Murphy
Contact Office Phone Num:	817-332-4101
Facility Type Desc:	Not reported
Latitude:	39.458333

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**S117972887**

Longitude: -104.800833  
Immediate Water: Lemon Gulch  
SW Construction Activity: Not reported  
Permit SIC1: 1459  
Legal First Name: David  
Legal Last Name: Michie  
Legal Title: VP Production  
Facility Contact Title: Geologist  
Stream Segment: COSPCH04  
SW Construction Total Acres: Not reported  
SW Construction Disturbed Acres: Not reported  
SW Construction Start Date: Not reported  
SW Construction End Date: Not reported  
Reuse TREATER ID: Not reported  
Reuse TREATER: Not reported  
Facility Description: Not reported  
Facility Contact Organization: Acme Brick Co  
Billing Organization: Acme Brick Co  
Billing Fname: Richard  
Billing Lname: Murphy  
Billing Title: Geologist  
DMR Organization: Acme Brick Co  
DMR Fname: Richard  
DMR Lname: Murphy  
DMR Title: Geologist  
Permit Sector: Commerce and industry  
Permit Status: Not reported  
Activity Description: Clay mining and outloading.  
Legal Address1: 3024 Acme Brick Plaza  
Legal City: Fort Worth  
Legal State: TX  
Legal Zip code: 76109  
Legal Phone: 817-332-4101  
Legal Email: dmichie@brick.com  
Property Owner Organization: Not reported  
Property Owner FName: Not reported  
Property Owner LName: Not reported  
Property Owner Title: Not reported  
Property Owner Address1: Not reported  
Property Owner City: Not reported  
Property Owner State: Not reported  
Property Owner Zipcode: Not reported  
Property Owner Phone: Not reported  
Property Owner Email: Not reported  
Facility Contact Address1: 3024 Acme Brick Plaza  
Facility Contact City: Fort Worth  
Facility Contact State: TX  
Facility Contact Zipcode: 76109  
Facility Contact Email: rmurphy@brick.com  
Billing Address1: 3024 Acme Brick Plaza  
Billing City: Fort Worth  
Billing State: TX  
Billing Zipcode: 76109  
Billing Phone: 817-332-4101  
Billing Email: rmurphy@brick.com  
DMR Address1: 3024 Acme Brick Plaza  
DMR City: Fort Worth

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**S117972887**

DMR State:	TX
DMR Zipcode:	76109
DMR Phone:	817-332-4101
DMR Email:	rmurphy@brick.com
Regulation ID:	Not reported
Major River Basin:	South Platte basin
Permit SIC2:	Not reported
Permit SIC3:	Not reported
Permit SIC4:	Not reported
Name:	STEVENS MINE
Address:	6237 Crowfoot Valley Rd
City,State,Zip:	PARKER, CO 80134
Primary Permit SIC Code:	1459
Permit Number:	COG501853
Permit Name:	Acme Brick Co
Termination Date:	Not reported
Receiving Water:	Cherry Creek
Issued:	06/09/2017
Effective:	07/01/2017
Expires:	2021-12-31 00:00:00
Permit Type Desc:	COG500000-Sand and gravel mining process water and stormwater combined
Contact Name:	Helzer
Contact Office Phone Num:	303-688-6951
Facility Type Desc:	Not reported
Latitude:	39.458333
Longitude:	-104.800833
Immediate Water:	Lemon Gulch
SW Construction Activity:	Not reported
Permit SIC1:	1459
Legal First Name:	Steve
Legal Last Name:	Helzer
Legal Title:	Facility Mgr
Facility Contact Title:	Facility Mgr
Stream Segment:	COSPCH04
SW Construction Total Acres:	Not reported
SW Construction Disturbed Acres:	Not reported
SW Construction Start Date:	Not reported
SW Construction End Date:	Not reported
Reuse TREATER ID:	Not reported
Reuse TREATER:	Not reported
Facility Description:	Not reported
Facility Contact Organization:	Not reported
Billing Organization:	Not reported
Billing Fname:	Not reported
Billing Lname:	Not reported
Billing Title:	Not reported
DMR Organization:	Not reported
DMR Fname:	Not reported
DMR Lname:	Not reported
DMR Title:	Not reported
Permit Sector:	Commerce and industry
Permit Status:	Effective
Activity Description:	Clay mining and outloading.
Legal Address1:	Not reported
Legal City:	Not reported
Legal State:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**S117972887**

Legal Zip code: Not reported  
Legal Phone: 303-688-6951  
Legal Email: shelzer@brick.com  
Property Owner Organization: Not reported  
Property Owner FName: Not reported  
Property Owner LName: Not reported  
Property Owner Title: Not reported  
Property Owner Address1: Not reported  
Property Owner City: Not reported  
Property Owner State: Not reported  
Property Owner Zipcode: Not reported  
Property Owner Phone: Not reported  
Property Owner Email: Not reported  
Facility Contact Address1: Not reported  
Facility Contact City: Not reported  
Facility Contact State: Not reported  
Facility Contact Zipcode: Not reported  
Facility Contact Email: shelzer@brick.com  
Billing Address1: Not reported  
Billing City: Not reported  
Billing State: Not reported  
Billing Zipcode: Not reported  
Billing Phone: Not reported  
Billing Email: Not reported  
DMR Address1: Not reported  
DMR City: Not reported  
DMR State: Not reported  
DMR Zipcode: Not reported  
DMR Phone: Not reported  
DMR Email: Not reported  
Regulation ID: Not reported  
Major River Basin: Not reported  
Permit SIC2: Not reported  
Permit SIC3: Not reported  
Permit SIC4: Not reported

A3 STEVENS MINE  
Target 6237 CROWFOOT VALLEY RD  
Property PARKER, CO 80134

FINDS 1023658656  
ECHO N/A

**Site 3 of 3 in cluster A**

**Actual:** FINDS:  
6112 ft. Registry ID: 110070072767

**Focus Map:** Click Here for FRS Facility Detail Report:  
5

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**STEVENS MINE (Continued)**

**1023658656**

ECHO:

Envid: 1023658656  
Registry ID: 110070072767  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070072767>  
Name: STEVENS MINE  
Address: 6237 Crowfoot Valley Rd  
City,State,Zip: PARKER, CO 80134

**B4** HESSE-RUETER LAND LP  
**Target** 6645 CROWFOOT VALLEY ROAD  
**Property** PARKER, CO 80314

**LTANKS** S132979313  
N/A

**Site 1 of 2 in cluster B**

**Actual:** LTANKS:  
**6044 ft.** Facility ID: 21285  
**Focus Map:** Name: HESSE-RUETER LAND LP  
**5** Address: 6645 CROWFOOT VALLEY ROAD  
City,State,Zip: PARKER, CO 80314  
NFA Type: Tier I  
Status: Closed  
Event ID: Not reported  
Release Date: Not reported  
Closed Date: 06/05/2025  
Contact: April Kelly  
Phone: (720) 326-1984  
Email: [cdle\\_ops\\_public\\_record\\_center@state.co.us](mailto:cdle_ops_public_record_center@state.co.us)  
Release Source: Not reported  
Release Cause: Not reported  
Reimbursement Total: Not reported  
Release Number: REL-017024  
URL: <https://socgov18.my.site.com/s/release/a18QQ00000btrZT>

**B5** HESSE-RUETER LAND LP  
**Target** 6645 CROWFOOT VALLEY ROAD  
**Property** PARKER, CO 80314

**UST** U004462459  
N/A

**Site 2 of 2 in cluster B**

**Actual:** UST:  
**6044 ft.** Tank Tag: 21285-1  
**Focus Map:** Substance: GSLN  
**5** Name: HESSE-RUETER LAND LP  
Address: 6645 CROWFOOT VALLEY ROAD  
City,State,Zip: PARKER 80314  
Tank Tag: 21285-1  
Substance: GSLN  
Facility ID: 21285  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: Not reported  
Facility Type: Non-Retail  
Facility Category: Farm/Residential  
Capacity: 279

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**HESSE-RUETER LAND LP (Continued)**

**U004462459**

Date Closed: 05/13/2025  
Tank Status: Permanently Closed  
Date Tank Installed: Not reported  
Tank Type: UST  
Latitude: Not reported  
Longitude: Not reported  
Tank Material: Jacketed Steel Tank  
Tank Wall Type: Not reported  
Piping Type: Not reported  
Piping System: Not reported  
Piping Material: Not reported  
Piping Wall Type: Not reported  
Overfill Prevention: Not reported  
Tank ID: a1JQQ0000071mjJ  
Account Name: ACCT-53226

---

**6** **STEVENS MINE** **FINDS** **1011908791**  
**Target** **6237 CRAWFOOT RD** **ECHO** **N/A**  
**Property** **CASTLE ROCK, CO 80109**

**FINDS:**  
Registry ID: 110037261414

**Actual:** 6106 ft. [Click Here for FRS Facility Detail Report:](#)

**Focus Map:** Environmental Interest/Information System:  
**5**

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**  
Envid: 1011908791  
Registry ID: 110037261414  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110037261414>  
Name: STEVENS MINE  
Address: 6237 Crawfoot Rd  
City,State,Zip: CASTLE ROCK, CO 80109

---

**7** **CLAYPIT** **MINES MRDS** **1025647845**  
**Target** **DOUGLAS (County), CO** **N/A**  
**Property**

**MINES MRDS:**  
Name: CLAYPIT  
Actual: Address: Not reported  
6104 ft. Deposit identification Number: 10166393  
**Focus Map:** City,State,Zip: COLORADO  
URL: [https://mrdata.usgs.gov/mrds/show-mrds.php?dep\\_id=10166393](https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10166393)  
**5** MRDS Identification Number: Not reported  
MAS/MILS Identification Number: 80350017

Map ID  
Direction  
Distance  
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CLAYPIT (Continued)**

1025647845

Region: NA  
Country: United States  
Primary Commodities: Clay  
Secondary Commodities: Not reported  
Tertiary Commodities: Not reported  
Operation Type: Surface  
Deposit Type: Not reported  
Production Size: Not reported  
Development Status: Producer  
Ore Minerals or Materials: Not reported  
Gangue Minerals or Materials: Not reported  
Other Minerals or Materials: Not reported  
Ore Body Form: Not reported  
Workings Type: Not reported  
Mineral Deposit Model: Not reported  
Alteration Processes: Not reported  
Concentration Processes: Not reported  
Previous Names: Not reported  
Ore Controls: Not reported  
Reporter: Not reported  
Host Rock Unit Name: Not reported  
Host Rock Type: Not reported  
Associated Rock Unit Name: Not reported  
Associated Rock Type Code: Not reported  
Structural Characteristics: Not reported  
Tectonic Setting: Not reported  
References: Not reported  
First Production Year: Not reported  
Began Before/After FPY: Not reported  
Last Production Year: Not reported  
Ended Before/After LPY: Not reported  
Year Discovered: Not reported  
Found Before/After YD: Not reported  
Production History: Not reported  
Discovery Information: Not reported  
Latitude: 39.4578  
Longitude: -104.80116  
Object ID: 162207  
Score: Not reported

8 STEVENS CLAY LEASE

MINES S112331483  
N/A

Target  
Property , CO

MINES:  
Name: STEVENS CLAY LEASE  
Actual: Address: Not reported  
6127 ft. City,State,Zip: CO  
Focus Map: Facility Id: M1996064  
5 Mine Type: surface  
Status Description: Active  
Permittee: The Denver Brick Company  
Permit Type: 112c  
Date Permit Issued: 12/23/1997  
Permit Acreage: 40.200000000000003  
Commodity 2: Not reported  
Annual Fee: 791  
Required Surety: 148000

Map ID  
Direction  
Distance  
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**STEVENS CLAY LEASE (Continued)**

**S112331483**

Actual Surety: 148000  
UTM X: 516992.70000000001  
UTM Y: 4367264.299999998  
Latitudde: 39.456659999999999  
Longitude: -104.80249000000001  
Post Mining: rangeland  
Pre Mining: rangeland  
Affected Acres: 20.800000000000001  
Mineral Owner: private  
Surface Owner: private  
Permit Specialist Assigned: ERR

9 RICHLAWN PARKWAY PROPERTY  
East 7044 N RICHLAWN PKWY  
1/4-1/2 PARKER, CO 80134  
0.406 mi.  
2145 ft.

**SHWF S128391122**  
N/A

Actual: SHWF:  
6059 ft. Location ID: DOU114  
Focus Map: Facility ID: DOU114  
6 Name: RICHLAWN PARKWAY PROPERTY  
Address: 7044 N RICHLAWN PKWY  
City,State,Zip: PARKER, CO  
Activity Type: Not reported  
Contact Organization: Not reported  
Contact Address: Not reported  
Contact City,State,Zip: Not reported  
Contact Phone: Not reported  
Activity Status: Illegal/Not Registered  
Facility Status: Illegal/Not Registered  
Commercial Status: False  
Government Facility Status: N/A  
Title: Not reported  
Post Closure Unit: False  
Post Closure Ended: False  
Closure Units: False  
Clean Closed Units: False  
Latitude: 39.46462  
Longitude: -104.780864

Count: 12 records

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CASTLE PINES	1026700108	CANYONS SOUTH FILING 1 (AKA MACANTA)	CROWFOOT VALLEY PWY AND SAPPHIRE POINTE BLVD	80134	FINDS
CASTLE PINES	1026666140	CANYONS SOUTH FILING 1 (AKA MACANTA)	CROWFOOT VALLEY PWY AND SAPPHIRE POINTE BLVD	80134	ECHO
DOUGLAS COUNTY	S132082086		CROWFOOT VALLEY PKWY AND SAPPHIRE POINTE BLVD	80134	ASBESTOS, LEAD
DOUGLAS COUNTY	S132083558		SE OF N CROWFOOT VALLEY RD S OF RICHLAWN DR	80134	ASBESTOS, LEAD
PARKER	S128620194		NORTH CROWFOOT VALLEY RD, AND BAYOU GULCH RD, ABOUT 600 FT NORTH		SPILLS
PARKER	1025990230	TRAILS AT CROWFOOT FILING 4 & 5	SE OF N. CROWFOOT VALLEY RD S OF RICHLAWN DRIVE	80134	FINDS
PARKER	1025824337	TRAILS AT CROWFOOT	SE OF CROWFOOT VALLEY RD AND E RICHLAND DR	80134	FINDS
PARKER	1031431076	MACANTA	CROWFOOT VALLEY RD AND CR 39	80134	FINDS
PARKER	1018128577	MACANTA	CROWFOOT VALLEY RD AND CR 39	80134	ECHO
UNINC	1018128576	MACANTA GOLF COURSE	CROWFOOT VALLEY RD AND CR 39	80134	FINDS, ECHO
UNINCORPORATED	1026544866	MACANTA-VERTICAL CONSTRUCTION	SE OF E SCOTT ROAD AND CROWFOOT VALLEY ROAD	80134	FINDS, ECHO
UNINCORPORATED	1032515411	CANYONS SOUTH FILING 5	NORTHEAST OF LONGSTORY AVE AND CROWFOOT VALLEY RD	80108	ECHO

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

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

NPL: National Priority List

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

Date of Government Version: 09/29/2025	Source: EPA
Date Data Arrived at EDR: 10/01/2025	Telephone: N/A
Date Made Active in Reports: 10/28/2025	Last EDR Contact: 12/01/2025
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/05/2026
	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: 09/29/2025	Source: EPA
Date Data Arrived at EDR: 10/01/2025	Telephone: N/A
Date Made Active in Reports: 10/28/2025	Last EDR Contact: 12/01/2025
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/05/2026
	Data Release Frequency: Quarterly

### NPL LIENS: Federal Superfund Liens

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 09/29/2025  
Date Data Arrived at EDR: 10/01/2025  
Date Made Active in Reports: 10/28/2025  
Number of Days to Update: 27

Source: EPA  
Telephone: N/A  
Last EDR Contact: 12/01/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Quarterly

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

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 09/22/2025  
Date Data Arrived at EDR: 09/23/2025  
Date Made Active in Reports: 11/18/2025  
Number of Days to Update: 56

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 09/23/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/29/2025  
Date Data Arrived at EDR: 10/01/2025  
Date Made Active in Reports: 10/28/2025  
Number of Days to Update: 27

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/01/2025  
Next Scheduled EDR Contact: 01/19/2026  
Data Release Frequency: Quarterly

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

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/29/2025	Source: EPA
Date Data Arrived at EDR: 10/01/2025	Telephone: 800-424-9346
Date Made Active in Reports: 10/28/2025	Last EDR Contact: 12/01/2025
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/19/2026
	Data Release Frequency: Quarterly

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

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

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/02/2025	Source: EPA
Date Data Arrived at EDR: 06/03/2025	Telephone: 800-424-9346
Date Made Active in Reports: 06/16/2025	Last EDR Contact: 12/03/2025
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/30/2026
	Data Release Frequency: Quarterly

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

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

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

Date of Government Version: 06/02/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2025	Telephone: 303-312-6149
Date Made Active in Reports: 06/16/2025	Last EDR Contact: 12/03/2025
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/30/2026
	Data Release Frequency: Quarterly

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

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

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

Date of Government Version: 06/02/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2025	Telephone: 303-312-6149
Date Made Active in Reports: 06/16/2025	Last EDR Contact: 12/03/2025
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/30/2026
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/02/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2025	Telephone: 303-312-6149
Date Made Active in Reports: 06/16/2025	Last EDR Contact: 12/03/2025
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/30/2026
	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: 06/02/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2025	Telephone: 303-312-6149
Date Made Active in Reports: 06/16/2025	Last EDR Contact: 12/03/2025
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/30/2026
	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: 03/11/2025	Source: Department of the Navy
Date Data Arrived at EDR: 04/02/2025	Telephone: 843-820-7326
Date Made Active in Reports: 06/24/2025	Last EDR Contact: 10/28/2025
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/16/2026
	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: 10/30/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/11/2025	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2025	Last EDR Contact: 11/11/2025
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/02/2026
	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: 10/30/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/11/2025	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2025	Last EDR Contact: 11/11/2025
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/02/2026
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/10/2025

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 06/12/2025

Telephone: 202-267-2180

Date Made Active in Reports: 06/16/2025

Last EDR Contact: 10/01/2025

Number of Days to Update: 4

Next Scheduled EDR Contact: 12/29/2025

Data Release Frequency: Quarterly

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

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

Source: Department of Public Health & Environment

Date Data Arrived at EDR: N/A

Telephone: 303-692-3300

Date Made Active in Reports: N/A

Last EDR Contact: 11/06/2025

Number of Days to Update: N/A

Next Scheduled EDR Contact: 02/16/2026

Data Release Frequency: N/A

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

SWF/LF: Solid Waste Sites & 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: 07/01/2025

Source: Department of Public Health & Environment

Date Data Arrived at EDR: 08/05/2025

Telephone: 303-692-3300

Date Made Active in Reports: 10/23/2025

Last EDR Contact: 11/06/2025

Number of Days to Update: 79

Next Scheduled EDR Contact: 02/16/2026

Data Release Frequency: Varies

SHWF: Solid Waste Information System Listing

A listing from the Solid Waste Information System, which is used to help administer the various programs of our solid waste and materials management program. It includes a wide variety of types of facilities and sites, and includes information obtained over several decades and numerous legacy data systems.

Date of Government Version: 07/24/2025

Source: Department of Public Health & Environment

Date Data Arrived at EDR: 07/29/2025

Telephone: 303-692-6349

Date Made Active in Reports: 10/20/2025

Last EDR Contact: 10/27/2025

Number of Days to Update: 83

Next Scheduled EDR Contact: 02/09/2026

Data Release Frequency: Varies

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

LTANKS: Petroleum Release Events Listing

Active and Closed OPS Petroleum Release Events in Colorado. Includes the OPS Open Event locations, but also shows locations of closed events (releases that have been issued a No Further Action determination).

Date of Government Version: 08/01/2025

Source: Department of Labor & Employment

Date Data Arrived at EDR: 08/05/2025

Telephone: 303-318-8525

Date Made Active in Reports: 08/05/2025

Last EDR Contact: 11/19/2025

Number of Days to Update: 0

Next Scheduled EDR Contact: 03/09/2026

Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Leaking Underground Storage Tank List

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: 03/01/2018      Source: Department of Labor and Employment, Oil Inspection Section  
Date Data Arrived at EDR: 03/07/2018      Telephone: 303-318-8521  
Date Made Active in Reports: 04/03/2018      Last EDR Contact: 03/07/2018  
Number of Days to Update: 27      Next Scheduled EDR Contact: 06/18/2018  
Data Release Frequency: Quarterly

## LAST: Leaking Aboveground Storage Tank Listing

A listing of leaking aboveground storage tank sites. This list is no longer maintained. For current Leaking AST information, please see LTANKS.

Date of Government Version: 03/01/2018      Source: Department of Labor & Employment  
Date Data Arrived at EDR: 03/07/2018      Telephone: 303-318-8525  
Date Made Active in Reports: 04/03/2018      Last EDR Contact: 05/31/2018  
Number of Days to Update: 27      Next Scheduled EDR Contact: 09/10/2018  
Data Release Frequency: No Update Planned

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

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/21/2025      Source: EPA Region 6  
Date Data Arrived at EDR: 07/10/2025      Telephone: 214-665-6597  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

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

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

Date of Government Version: 05/27/2025      Source: EPA Region 10  
Date Data Arrived at EDR: 07/10/2025      Telephone: 206-553-2857  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
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: 04/21/2025      Source: EPA Region 1  
Date Data Arrived at EDR: 07/10/2025      Telephone: 617-918-1313  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
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: 04/21/2025      Source: EPA Region 4  
Date Data Arrived at EDR: 07/10/2025      Telephone: 404-562-8677  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

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

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/21/2025      Source: EPA, Region 5  
Date Data Arrived at EDR: 07/10/2025      Telephone: 312-886-7439  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/21/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84  
Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 05/22/2025      Source: EPA Region 7  
Date Data Arrived at EDR: 07/10/2025      Telephone: 913-551-7003  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
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: 05/22/2025      Source: EPA Region 8  
Date Data Arrived at EDR: 07/10/2025      Telephone: 303-312-6271  
Date Made Active in Reports: 10/02/2025      Last EDR Contact: 10/15/2025  
Number of Days to Update: 84      Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

## TRUST: Lust Trust Sites

Reimbursement application package. The 1989 Colorado General Assembly established Colorado's Petroleum Storage Tank Fund. The Fund reimburses eligible applicants for allowable costs incurred in cleaning up petroleum contamination from underground and aboveground petroleum storage tanks, as well as for third-party liability expenses. Remediation of contamination caused by railroad or aircraft fuel is not eligible for reimbursement. The Fund satisfies federal Environmental Protection Agency financial assurance requirements. Monies in the Fund come from various sources, predominantly the state environmental surcharge imposed on all petroleum products except railroad or aircraft fuel.

Date of Government Version: 09/11/2025  
Date Data Arrived at EDR: 09/11/2025  
Date Made Active in Reports: 12/03/2025  
Number of Days to Update: 83  
Source: Department of Labor and Employment, Oil Inspection Section  
Telephone: 303-318-8521  
Last EDR Contact: 12/03/2025  
Next Scheduled EDR Contact: 03/30/2026  
Data Release Frequency: Varies

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

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 06/06/2025  
Date Data Arrived at EDR: 08/26/2025  
Date Made Active in Reports: 11/12/2025  
Number of Days to Update: 78  
Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 11/06/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Varies

UST: Underground Storage Tank Database

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: 08/20/2025  
Date Data Arrived at EDR: 08/20/2025  
Date Made Active in Reports: 11/10/2025  
Number of Days to Update: 82  
Source: Department of Labor and Employment, Oil Inspection Section  
Telephone: 303-318-8521  
Last EDR Contact: 11/18/2025  
Next Scheduled EDR Contact: 03/09/2026  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AST: Aboveground Tank List

Aboveground storage tank locations.

Date of Government Version: 08/20/2025  
Date Data Arrived at EDR: 08/20/2025  
Date Made Active in Reports: 11/10/2025  
Number of Days to Update: 82

Source: Department of Labor and Employment, Oil Inspection Section  
Telephone: 303-318-8521  
Last EDR Contact: 11/18/2025  
Next Scheduled EDR Contact: 03/09/2026  
Data Release Frequency: Semi-Annually

## 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: 05/27/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/21/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/21/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 05/22/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 05/22/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/21/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/21/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 04/21/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### AUL: Environmental Real Covenants List

Senate Bill 01-145 gave authority to the Colorado Department of Public Health and Environment to approve requests to restrict the future use of a property using an enforceable agreement called an environmental covenant. When a contaminated site is not cleaned up completely, land use restrictions may be used to ensure that the selected cleanup remedy is adequately protective of human health and the environment.

Date of Government Version: 07/18/2025  
Date Data Arrived at EDR: 07/21/2025  
Date Made Active in Reports: 10/10/2025  
Number of Days to Update: 81

Source: Department of Public Health & Environment  
Telephone: 303-692-3331  
Last EDR Contact: 10/20/2025  
Next Scheduled EDR Contact: 02/02/2026  
Data Release Frequency: Varies

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

### VCP: Voluntary Cleanup & Redevelopment Act Application Tracking Report

The Voluntary Cleanup and Redevelopment Act is intended to permit and encourage voluntary cleanups by providing a method to determine clean-up responsibilities in planning the reuse of property. The VCRA was intended for sites which were not covered by existing regulatory programs.

Date of Government Version: 06/25/2025  
Date Data Arrived at EDR: 06/25/2025  
Date Made Active in Reports: 09/19/2025  
Number of Days to Update: 86

Source: Department of Public Health and Environmental  
Telephone: 303-692-3331  
Last EDR Contact: 09/29/2025  
Next Scheduled EDR Contact: 01/12/2026  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/03/2025  
Next Scheduled EDR Contact: 03/30/2026  
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: 07/08/2021  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

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

**BROWNFIELDS: Brownfields Sites Listing**  
Brownfields Sites Listing

Date of Government Version: 07/14/2025  
Date Data Arrived at EDR: 07/14/2025  
Date Made Active in Reports: 10/06/2025  
Number of Days to Update: 84  
Source: Department of Public Health & Environment  
Telephone: 303-692-3331  
Last EDR Contact: 10/14/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 09/19/2025  
Date Data Arrived at EDR: 10/01/2025  
Date Made Active in Reports: 11/24/2025  
Number of Days to Update: 54  
Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/03/2025  
Next Scheduled EDR Contact: 03/23/2026  
Data Release Frequency: Semi-Annually

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

**SWRCY: Registered Recyclers Listing**

A listing of registered recycler locations in the state of Colorado.

Date of Government Version: 08/29/2025  
Date Data Arrived at EDR: 08/29/2025  
Date Made Active in Reports: 09/09/2025  
Number of Days to Update: 11  
Source: Department of Public Health & Environment  
Telephone: 303-692-3337  
Last EDR Contact: 11/25/2025  
Next Scheduled EDR Contact: 03/16/2026  
Data Release Frequency: Semi-Annually

**HISTORICAL LANDFILL: Historical Landfill List**  
Abandoned/Inactive Landfills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/1993  
Date Data Arrived at EDR: 04/24/1994  
Date Made Active in Reports: 05/30/1994  
Number of Days to Update: 36

Source: Department of Public Health & Environment  
Telephone: 303-692-3300  
Last EDR Contact: 09/05/1996  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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: 10/15/2025  
Next Scheduled EDR Contact: 02/02/2026  
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/07/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 02/07/2024  
Date Data Arrived at EDR: 11/13/2024  
Date Made Active in Reports: 11/19/2024  
Number of Days to Update: 6

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 10/23/2025  
Next Scheduled EDR Contact: 02/02/2026  
Data Release Frequency: Varies

DENVER CO HIST FILL: Denver City & County Historic Fill Areas

This dataset denotes the approximate locations of historical fill areas within the City and County of Denver (CCoD) and within approximately three-quarters of a mile of the CCoD boundaries. The data is of a general nature and obtained from historic and current documents that may not be accurate or precise.

Date of Government Version: 05/22/2024  
Date Data Arrived at EDR: 07/02/2024  
Date Made Active in Reports: 09/24/2024  
Number of Days to Update: 84

Source: City & County of Denver  
Telephone: 720-913-5237  
Last EDR Contact: 10/02/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: No Update Planned

## ***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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/04/2025  
Date Data Arrived at EDR: 06/02/2025  
Date Made Active in Reports: 08/12/2025  
Number of Days to Update: 71

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/20/2025  
Next Scheduled EDR Contact: 03/02/2026  
Data Release Frequency: No Update Planned

## CDL: Meth Lab Locations

Meth lab locations that were reported to the Department of Public Health & Environment.

Date of Government Version: 06/17/2025  
Date Data Arrived at EDR: 06/23/2025  
Date Made Active in Reports: 09/16/2025  
Number of Days to Update: 85

Source: Department of Public Health and Environment  
Telephone: 303-692-3023  
Last EDR Contact: 09/16/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Quarterly

## 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: 04/04/2025  
Date Data Arrived at EDR: 06/02/2025  
Date Made Active in Reports: 08/12/2025  
Number of Days to Update: 71

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/20/2025  
Next Scheduled EDR Contact: 03/02/2026  
Data Release Frequency: Quarterly

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 09/29/2025  
Date Data Arrived at EDR: 10/01/2025  
Date Made Active in Reports: 10/28/2025  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 12/01/2025  
Next Scheduled EDR Contact: 01/05/2026  
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: 06/11/2025  
Date Data Arrived at EDR: 06/12/2025  
Date Made Active in Reports: 06/16/2025  
Number of Days to Update: 4

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/01/2025  
Next Scheduled EDR Contact: 12/29/2025  
Data Release Frequency: Quarterly

### CO ERNS: Spills Database

State reported spills.

Date of Government Version: 06/17/2025  
Date Data Arrived at EDR: 06/23/2025  
Date Made Active in Reports: 09/16/2025  
Number of Days to Update: 85

Source: Department of Public Health and Environmental  
Telephone: 303-692-2000  
Last EDR Contact: 09/16/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 2: Spills

A listing of spills reported to the Oil & Gas Conservation Commission

Date of Government Version: 09/04/2025	Source: Oil & Gas Conservation Commission
Date Data Arrived at EDR: 09/16/2025	Telephone: 303-894-2100
Date Made Active in Reports: 12/04/2025	Last EDR Contact: 09/16/2025
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/29/2025
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/15/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## *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: 06/02/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2025	Telephone: 303-312-6149
Date Made Active in Reports: 06/16/2025	Last EDR Contact: 12/03/2025
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/30/2026
	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: 07/23/2025	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/23/2025	Telephone: 202-528-4285
Date Made Active in Reports: 07/29/2025	Last EDR Contact: 11/06/2025
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/23/2026
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 10/07/2025
Number of Days to Update: 239	Next Scheduled EDR Contact: 01/19/2026
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/02/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: N/A

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

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

Date of Government Version: 07/30/2021  
Date Data Arrived at EDR: 02/03/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 11/03/2025  
Next Scheduled EDR Contact: 02/16/2026  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 06/02/2025  
Date Data Arrived at EDR: 06/03/2025  
Date Made Active in Reports: 06/16/2025  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 10/01/2025  
Next Scheduled EDR Contact: 12/29/2025  
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: 10/22/2025  
Next Scheduled EDR Contact: 02/09/2026  
Data Release Frequency: No Update Planned

## 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: 10/30/2025  
Next Scheduled EDR Contact: 02/09/2026  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 06/14/2022  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 283

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/11/2025  
Next Scheduled EDR Contact: 12/22/2025  
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: 12/31/2023  
Date Data Arrived at EDR: 08/11/2025  
Date Made Active in Reports: 11/10/2025  
Number of Days to Update: 91

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/10/2025  
Next Scheduled EDR Contact: 02/23/2026  
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: 07/14/2025  
Date Data Arrived at EDR: 07/14/2025  
Date Made Active in Reports: 10/13/2025  
Number of Days to Update: 91

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/14/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 10/30/2025  
Date Data Arrived at EDR: 11/03/2025  
Date Made Active in Reports: 11/18/2025  
Number of Days to Update: 15

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/01/2025  
Next Scheduled EDR Contact: 03/09/2026  
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: 07/01/2025  
Date Data Arrived at EDR: 07/29/2025  
Date Made Active in Reports: 10/28/2025  
Number of Days to Update: 91

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 10/08/2025  
Next Scheduled EDR Contact: 01/26/2026  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/26/2025  
Date Data Arrived at EDR: 07/01/2025  
Date Made Active in Reports: 07/29/2025  
Number of Days to Update: 28

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 12/01/2025  
Next Scheduled EDR Contact: 02/09/2026  
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: 08/12/2025  
Date Data Arrived at EDR: 09/30/2025  
Date Made Active in Reports: 11/24/2025  
Number of Days to Update: 55

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 09/30/2025  
Next Scheduled EDR Contact: 01/12/2026  
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: 09/23/2025  
Next Scheduled EDR Contact: 01/12/2026  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/11/2025  
Date Data Arrived at EDR: 08/12/2025  
Date Made Active in Reports: 11/04/2025  
Number of Days to Update: 84

Source: Nuclear Regulatory Commission  
Telephone: 301-415-0717  
Last EDR Contact: 10/23/2025  
Next Scheduled EDR Contact: 01/26/2026  
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: 12/31/2023  
Date Data Arrived at EDR: 10/16/2024  
Date Made Active in Reports: 01/14/2025  
Number of Days to Update: 90

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 11/19/2025  
Next Scheduled EDR Contact: 03/09/2026  
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: 11/18/2025  
Next Scheduled EDR Contact: 03/09/2026  
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: 10/30/2025  
Next Scheduled EDR Contact: 02/09/2026  
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: 09/17/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Quarterly

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

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 06/30/2025  
Date Data Arrived at EDR: 07/17/2025  
Date Made Active in Reports: 10/13/2025  
Number of Days to Update: 88

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 10/20/2025  
Next Scheduled EDR Contact: 02/02/2026  
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: 06/30/2025  
Date Data Arrived at EDR: 07/29/2025  
Date Made Active in Reports: 10/28/2025  
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 11/20/2025  
Next Scheduled EDR Contact: 01/12/2026  
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: 12/31/2023  
Date Data Arrived at EDR: 02/19/2025  
Date Made Active in Reports: 03/07/2025  
Number of Days to Update: 16

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/05/2025  
Next Scheduled EDR Contact: 03/30/2026  
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: 09/29/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 03/03/2023  
Date Data Arrived at EDR: 03/03/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 98

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 10/22/2025  
Next Scheduled EDR Contact: 02/09/2026  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/15/2025  
Date Data Arrived at EDR: 05/15/2025  
Date Made Active in Reports: 07/29/2025  
Number of Days to Update: 75

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 11/10/2025  
Next Scheduled EDR Contact: 02/23/2026  
Data Release Frequency: Varies

**LEAD SMELTER 1: Lead Smelter Sites**  
A listing of former lead smelter site locations.

Date of Government Version: 09/29/2025  
Date Data Arrived at EDR: 10/01/2025  
Date Made Active in Reports: 10/28/2025  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 12/01/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Varies

**LEAD SMELTER 2: Lead Smelter Sites**  
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
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.

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

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

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

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

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

**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: 08/08/2025  
Date Data Arrived at EDR: 08/18/2025  
Date Made Active in Reports: 11/12/2025  
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/04/2025  
Next Scheduled EDR Contact: 03/02/2026  
Data Release Frequency: Semi-Annually

**MINES VIOLATIONS: MSHA Violation Assessment Data**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2025  
Date Data Arrived at EDR: 07/01/2025  
Date Made Active in Reports: 09/24/2025  
Number of Days to Update: 85

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 11/24/2025  
Next Scheduled EDR Contact: 03/02/2026  
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: 04/08/2025  
Date Data Arrived at EDR: 05/20/2025  
Date Made Active in Reports: 08/12/2025  
Number of Days to Update: 84

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/12/2025  
Next Scheduled EDR Contact: 03/02/2026  
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: 11/20/2025  
Next Scheduled EDR Contact: 03/02/2026  
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: 09/10/2025  
Date Data Arrived at EDR: 09/10/2025  
Date Made Active in Reports: 11/12/2025  
Number of Days to Update: 63

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/03/2025  
Next Scheduled EDR Contact: 03/16/2026  
Data Release Frequency: Quarterly

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 06/04/2024  
Date Data Arrived at EDR: 11/22/2024  
Date Made Active in Reports: 02/18/2025  
Number of Days to Update: 88

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 11/20/2025  
Next Scheduled EDR Contact: 03/02/2026  
Data Release Frequency: Varies

## 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: 09/04/2025  
Date Data Arrived at EDR: 10/01/2025  
Date Made Active in Reports: 11/18/2025  
Number of Days to Update: 48

Source: EPA  
Telephone: (303) 312-6312  
Last EDR Contact: 11/19/2025  
Next Scheduled EDR Contact: 03/09/2026  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/20/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2025	Telephone: 202-564-2280
Date Made Active in Reports: 11/24/2025	Last EDR Contact: 09/26/2025
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 07/31/2025	Source: Department of Defense
Date Data Arrived at EDR: 08/14/2025	Telephone: 703-704-1564
Date Made Active in Reports: 11/04/2025	Last EDR Contact: 10/29/2025
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/19/2026
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/11/2025
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/02/2026
	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: 08/07/2025	Source: EPA
Date Data Arrived at EDR: 08/07/2025	Telephone: 800-385-6164
Date Made Active in Reports: 11/04/2025	Last EDR Contact: 11/06/2025
Number of Days to Update: 89	Next Scheduled EDR Contact: 02/23/2026
	Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

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

Date of Government Version: 06/23/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2025	Telephone: 703-603-8895
Date Made Active in Reports: 08/27/2025	Last EDR Contact: 09/26/2025
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 06/23/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2025	Telephone: 202-272-0167
Date Made Active in Reports: 08/27/2025	Last EDR Contact: 09/26/2025
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS TSCA: PFAS Manufacture and Imports Information

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

Date of Government Version: 06/23/2025  
Date Data Arrived at EDR: 06/26/2025  
Date Made Active in Reports: 08/27/2025  
Number of Days to Update: 62

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 09/26/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Varies

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

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

Date of Government Version: 06/23/2025  
Date Data Arrived at EDR: 06/26/2025  
Date Made Active in Reports: 08/27/2025  
Number of Days to Update: 62

Source: Environmental Protection Agency  
Telephone: 202-566-0250  
Last EDR Contact: 09/26/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Varies

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

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

Date of Government Version: 06/23/2025  
Date Data Arrived at EDR: 06/26/2025  
Date Made Active in Reports: 09/24/2025  
Number of Days to Update: 90

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 09/26/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

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

Date of Government Version: 11/12/2024  
Date Data Arrived at EDR: 07/21/2025  
Date Made Active in Reports: 10/13/2025  
Number of Days to Update: 84

Source: Department of Health & Human Services  
Telephone: 202-741-5770  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 02/02/2026  
Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

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

Date of Government Version: 06/23/2025  
Date Data Arrived at EDR: 06/26/2025  
Date Made Active in Reports: 08/27/2025  
Number of Days to Update: 62

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 09/26/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/15/2024	Source: Social Science Environmental Health Research Institute
Date Data Arrived at EDR: 03/06/2025	Telephone: N/A
Date Made Active in Reports: 06/03/2025	Last EDR Contact: 11/25/2025
Number of Days to Update: 89	Next Scheduled EDR Contact: 03/16/2026
	Data Release Frequency: Varies

## PFAS NPDES: Clean Water Act Discharge Monitoring Information

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

Date of Government Version: 06/23/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2025	Telephone: 202-272-0167
Date Made Active in Reports: 08/27/2025	Last EDR Contact: 09/26/2025
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

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

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

Date of Government Version: 06/23/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2025	Telephone: 202-272-0167
Date Made Active in Reports: 08/27/2025	Last EDR Contact: 09/26/2025
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

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

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

Date of Government Version: 06/23/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2025	Telephone: 202-272-0167
Date Made Active in Reports: 08/27/2025	Last EDR Contact: 09/26/2025
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2025  
Date Data Arrived at EDR: 06/26/2025  
Date Made Active in Reports: 08/27/2025  
Number of Days to Update: 62

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 09/26/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: Varies

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

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

Date of Government Version: 09/25/2025  
Date Data Arrived at EDR: 09/26/2025  
Date Made Active in Reports: 11/24/2025  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-267-2675  
Last EDR Contact: 09/26/2025  
Next Scheduled EDR Contact: 01/12/2026  
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: 09/24/2025  
Next Scheduled EDR Contact: 01/12/2026  
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: 12/16/2016  
Date Data Arrived at EDR: 01/06/2017  
Date Made Active in Reports: 03/10/2017  
Number of Days to Update: 63

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 09/24/2025  
Next Scheduled EDR Contact: 01/12/2026  
Data Release Frequency: No Update Planned

## BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

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

Date of Government Version: 07/06/2025  
Date Data Arrived at EDR: 07/10/2025  
Date Made Active in Reports: 10/02/2025  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-564-4700  
Last EDR Contact: 10/01/2025  
Next Scheduled EDR Contact: 01/26/2026  
Data Release Frequency: Varies

## UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023  
Date Data Arrived at EDR: 10/04/2023  
Date Made Active in Reports: 01/18/2024  
Number of Days to Update: 106

Source: Environmental Protection Agency  
Telephone: 202-564-0394  
Last EDR Contact: 11/06/2025  
Next Scheduled EDR Contact: 02/16/2026  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/31/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 11/06/2025
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/16/2026
	Data Release Frequency: Semi-Annually

## E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 06/02/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2025	Telephone: 833-501-6826
Date Made Active in Reports: 08/13/2025	Last EDR Contact: 12/05/2025
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/30/2026
	Data Release Frequency: Varies

## PFAS: PFAS Information Listing

A list of entities that have tested groundwater and have found PFAS chemicals, specifically PFOA and PFOS, levels above the health advisory. Potential sources of these chemicals include military bases, fire stations or training centers, landfills, industrial sites, car racetracks, and ski resorts.

Date of Government Version: 06/11/2025	Source: Department of Public Health & Environment
Date Data Arrived at EDR: 06/30/2025	Telephone: 303-692-3605
Date Made Active in Reports: 07/29/2025	Last EDR Contact: 10/02/2025
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

## AQUEOUS FOAM: Class B Firefighting Foam Contaminating PFAS Listing

Class B foams put out fires caused by flammable liquids like gasoline, oil, and jet fuel. They may contain PFAS chemicals. Anyone using or storing Class B firefighting foam containing these chemicals must register through the Certificate of Registration Program.303-692-38

Date of Government Version: 09/29/2025	Source: Department of Public Health & Environment
Date Data Arrived at EDR: 09/30/2025	Telephone: 303-692-3605
Date Made Active in Reports: 10/08/2025	Last EDR Contact: 09/29/2025
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/12/2026
	Data Release Frequency: Varies

## AIRS: Permitted Facility & Emissions Listing

A listing of Air Pollution Control Division permits and emissions data.

Date of Government Version: 08/20/2025	Source: Department of Public Health & Environment
Date Data Arrived at EDR: 08/20/2025	Telephone: 303-692-3213
Date Made Active in Reports: 11/11/2025	Last EDR Contact: 11/18/2025
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/09/2026
	Data Release Frequency: Varies

## ASBESTOS: Asbestos Abatement & Demolition Projects

Asbestos abatement and demolition projects by the contractor.

Date of Government Version: 04/23/2025	Source: Department of Public Health & Environment
Date Data Arrived at EDR: 04/24/2025	Telephone: 303-692-3100
Date Made Active in Reports: 07/14/2025	Last EDR Contact: 10/22/2025
Number of Days to Update: 81	Next Scheduled EDR Contact: 02/09/2026
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## METHANE SITE: Methane Site Investigations - Jefferson County 1980

The objectives of the study are to define as closely as possible the boundaries of methane producing solid waste landfills.

Date of Government Version: 12/31/1980  
Date Data Arrived at EDR: 02/13/1995  
Date Made Active in Reports: 04/04/1995  
Number of Days to Update: 50

Source: Jefferson County Health Department  
Telephone: 303-239-7175  
Last EDR Contact: 01/27/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## METHANE INVESTIG: Methane Gas & Swamp Findings

The primary objective of this study was to assess methane gas related hazards at selected landfill sites in Colorado. These sites were selected by the Colorado Department of Health following evaluation of responses received from County and Municipal agencies about completed and existing landfills within their jurisdiction.

Date of Government Version: 03/15/1979  
Date Data Arrived at EDR: 02/13/1995  
Date Made Active in Reports: 04/04/1995  
Number of Days to Update: 50

Source: Department of Health  
Telephone: 303-640-3335  
Last EDR Contact: 01/27/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DRYCLEANERS: Drycleaner Facilities

A listing of drycleaning facilities.

Date of Government Version: 08/20/2025  
Date Data Arrived at EDR: 08/20/2025  
Date Made Active in Reports: 11/11/2025  
Number of Days to Update: 83

Source: Department of Public Health & Environment  
Telephone: 303-692-3213  
Last EDR Contact: 11/18/2025  
Next Scheduled EDR Contact: 03/09/2026  
Data Release Frequency: Varies

## FIN ASSURANCE 1: Financial Assurance Information Listing

A listing of financial assurance information for 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: 10/08/2025  
Date Data Arrived at EDR: 10/09/2025  
Date Made Active in Reports: 11/18/2025  
Number of Days to Update: 40

Source: Department of Public Health & Environment  
Telephone: 303-692-3350  
Last EDR Contact: 09/30/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Varies

## FIN ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for 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: 06/26/2025  
Date Data Arrived at EDR: 07/01/2025  
Date Made Active in Reports: 09/25/2025  
Number of Days to Update: 86

Source: Department of Public Health & Environment  
Telephone: 303-392-3350  
Last EDR Contact: 10/15/2025  
Next Scheduled EDR Contact: 01/05/2026  
Data Release Frequency: Quarterly

## LEAD: Lead Abatement Permit Listing

Lead inspection

Date of Government Version: 04/23/2025  
Date Data Arrived at EDR: 04/24/2025  
Date Made Active in Reports: 07/14/2025  
Number of Days to Update: 81

Source: Department of Public Health & Environment  
Telephone: 303-692-2000  
Last EDR Contact: 10/22/2025  
Next Scheduled EDR Contact: 02/09/2026  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES: Permitted Mines Listing

This dataset represents permitted mines in the State of Colorado

Date of Government Version: 07/06/2025  
Date Data Arrived at EDR: 07/07/2025  
Date Made Active in Reports: 09/25/2025  
Number of Days to Update: 80

Source: Division of Reclamation Mining and safety  
Telephone: 303-866-3567  
Last EDR Contact: 10/07/2025  
Next Scheduled EDR Contact: 01/19/2026  
Data Release Frequency: Semi-Annually

## NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Quality Control Division.

Date of Government Version: 06/10/2025  
Date Data Arrived at EDR: 07/17/2025  
Date Made Active in Reports: 10/07/2025  
Number of Days to Update: 82

Source: Department of Public Health & Environment  
Telephone: 303-692-3611  
Last EDR Contact: 10/20/2025  
Next Scheduled EDR Contact: 02/02/2026  
Data Release Frequency: Varies

## UIC: Underground Injection Control

A list of underground injection wells and their locations.

Date of Government Version: 08/12/2025  
Date Data Arrived at EDR: 08/12/2025  
Date Made Active in Reports: 10/31/2025  
Number of Days to Update: 80

Source: Oil & Gas Conservation Commission  
Telephone: 303-894-2100  
Last EDR Contact: 10/28/2025  
Next Scheduled EDR Contact: 02/16/2026  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

There were nine uranium mill tailings sites in Colorado designated for cleanup under the federal Uranium Mill Tailings Radiation Control Act. These nine sites, known commonly as UMTRA sites, were remediated jointly by the State of Colorado and the U.S. Department of Energy during the late 1980's and early 1990's. Mill tailings were removed from 8 of the mill sites and relocated in engineered disposal cells. A disposal cell is designed to encapsulate the material, reduce radon emanation, and prevent the movement of water through the material. At one site, Maybell, CO, the tailings were stabilized in-place at the mill site. After remediation of the tailings was completed, the State and DOE began to investigate the residual impacts to groundwater at the mill sites. The groundwater phase of the UMTRA program is on-going.

Date of Government Version: 05/20/2025  
Date Data Arrived at EDR: 08/15/2025  
Date Made Active in Reports: 11/03/2025  
Number of Days to Update: 80

Source: Department of Public Health & Environment  
Telephone: 970-248-7164  
Last EDR Contact: 11/13/2025  
Next Scheduled EDR Contact: 02/23/2026  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 Department of Public Health & Environment in Colorado.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/15/2014  
Number of Days to Update: 198

Source: Department of Public Health & Environment  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

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

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Labor and Employment, Oil Inspection Section in Colorado.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 185

Source: Department of Labor and Employment, Oil Inspection Section  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ADAMS COUNTY:

LF ADAMS: Summary Report on Methane Gas Hazards and Surveys Conducted on Domestic and Demolition Landfills in Adams County  
As of May 8, 1978, all known landfills or dumping sites in the Adams County area have been surveyed.

Date of Government Version: 05/08/1978	Source: Tri-County Health Department
Date Data Arrived at EDR: 02/16/1995	Telephone: 303-761-1340
Date Made Active in Reports: 04/04/1995	Last EDR Contact: 01/27/1995
Number of Days to Update: 47	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### ARAPAHOE COUNTY:

LF ARAPAHOE: A Survey of Landfills in Arapahoe County

A survey of Arapahoe County was conducted from August through November, 1977, of all open and closed landfills and dumpsites in the county. Each of the sites found was classified as domestic or demolition.

Date of Government Version: 12/31/1978	Source: Tri-County Health Department
Date Data Arrived at EDR: 02/16/1995	Telephone: 303-761-1340
Date Made Active in Reports: 04/04/1995	Last EDR Contact: 01/27/1995
Number of Days to Update: 47	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### BOULDER COUNTY:

LF BOULDER: Old Landfill Sites

Landfill sites in Boulder county.

Date of Government Version: 05/01/1986	Source: Boulder County Health Department
Date Data Arrived at EDR: 11/14/1995	Telephone: 303-441-1182
Date Made Active in Reports: 12/07/1995	Last EDR Contact: 01/30/1998
Number of Days to Update: 23	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### DENVER COUNTY:

LF DENVER: Landfills in Denver County

Landfill sites in the city and county of Denver.

Date of Government Version: 06/23/2017	Source: City and County of Denver
Date Data Arrived at EDR: 06/23/2017	Telephone: 720-913-4839
Date Made Active in Reports: 09/06/2017	Last EDR Contact: 09/08/2025
Number of Days to Update: 75	Next Scheduled EDR Contact: 12/22/2025
	Data Release Frequency: No Update Planned

LF DENVER CO METHANE: Investigation of Methane Gas Hazards

The purpose of this study was to assess the actual and potential generation, migration, explosive and related problem associated with specified old landfills, and to identify existing and potential problems, suggested strategies to prevent, abate, and control such problems and recommend investigative and monitoring functions as may be deemed necessary. Eight sites determined to be priorities due to population density and potential hazards to population and property were selected by the Colorado Department of Health.

Date of Government Version: 01/01/1981	Source: City and County of Denver Department of Environmental Health
Date Data Arrived at EDR: 01/29/2013	Telephone: 720-865-5522
Date Made Active in Reports: 03/08/2013	Last EDR Contact: 01/15/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### DOUGLAS COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF DOUGLAS: Douglas County Landfill Key  
Landfill sites in Douglas county.

Date of Government Version: 06/12/1991  
Date Data Arrived at EDR: 02/16/1995  
Date Made Active in Reports: 04/04/1995  
Number of Days to Update: 47

Source: Tri-County Health Department  
Telephone: 303-761-1340  
Last EDR Contact: 01/27/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## PUEBLO COUNTY:

LF PUEBLO: Designated Disposal & Landfill Sites  
Only inert materials. Asphalt, cement, dirt & rock unless otherwise specified. These sites are no longer active.

Date of Government Version: 04/30/1990  
Date Data Arrived at EDR: 11/16/1995  
Date Made Active in Reports: 12/07/1995  
Number of Days to Update: 21

Source: Pueblo City-County Health Department  
Telephone: 719-583-4300  
Last EDR Contact: 11/13/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## TRI COUNTY:

LF TRI: Tri-County Area Solid Waste Facilities List (Adams, Arapahoe and Douglas Counties)  
Closed Domestic Landfills in Adams County, Closed Domestic Landfills in Arapahoe County, Closed Demolition Landfills in Arapahoe County, Closed Domestic Landfills in Douglas County.

Date of Government Version: 10/15/1983  
Date Data Arrived at EDR: 02/16/1995  
Date Made Active in Reports: 04/04/1995  
Number of Days to Update: 47

Source: Tri-County Health Department  
Telephone: 303-761-1340  
Last EDR Contact: 01/27/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## WELD COUNTY:

LF WELD: Solid Waste Facilities in Weld County  
Solid Waste Facilities in Weld County.

Date of Government Version: 01/16/2018  
Date Data Arrived at EDR: 02/09/2018  
Date Made Active in Reports: 02/23/2018  
Number of Days to Update: 14

Source: Weld County Department of Public Health  
Telephone: 970-304-6415  
Last EDR Contact: 10/30/2025  
Next Scheduled EDR Contact: 02/09/2026  
Data Release Frequency: No Update Planned

## OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2025  
Date Data Arrived at EDR: 07/31/2025  
Date Made Active in Reports: 10/16/2025  
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/03/2025  
Next Scheduled EDR Contact: 02/16/2026  
Data Release Frequency: No Update Planned

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 11/30/2023  
Date Made Active in Reports: 12/01/2023  
Number of Days to Update: 1

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 10/23/2025  
Next Scheduled EDR Contact: 02/02/2026  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/01/2025  
Next Scheduled EDR Contact: 01/19/2026  
Data Release Frequency: Annually

## 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: 11/21/2025  
Next Scheduled EDR Contact: 03/16/2026  
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

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.

**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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: Daycare Listing

Source: Department of Human Services

Telephone: 303-866-5958

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

## State Wetlands Data: Riparian Vegetation Data

Source: Division of Wildlife

Telephone: 970-416-3360

## STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# CECMC Map

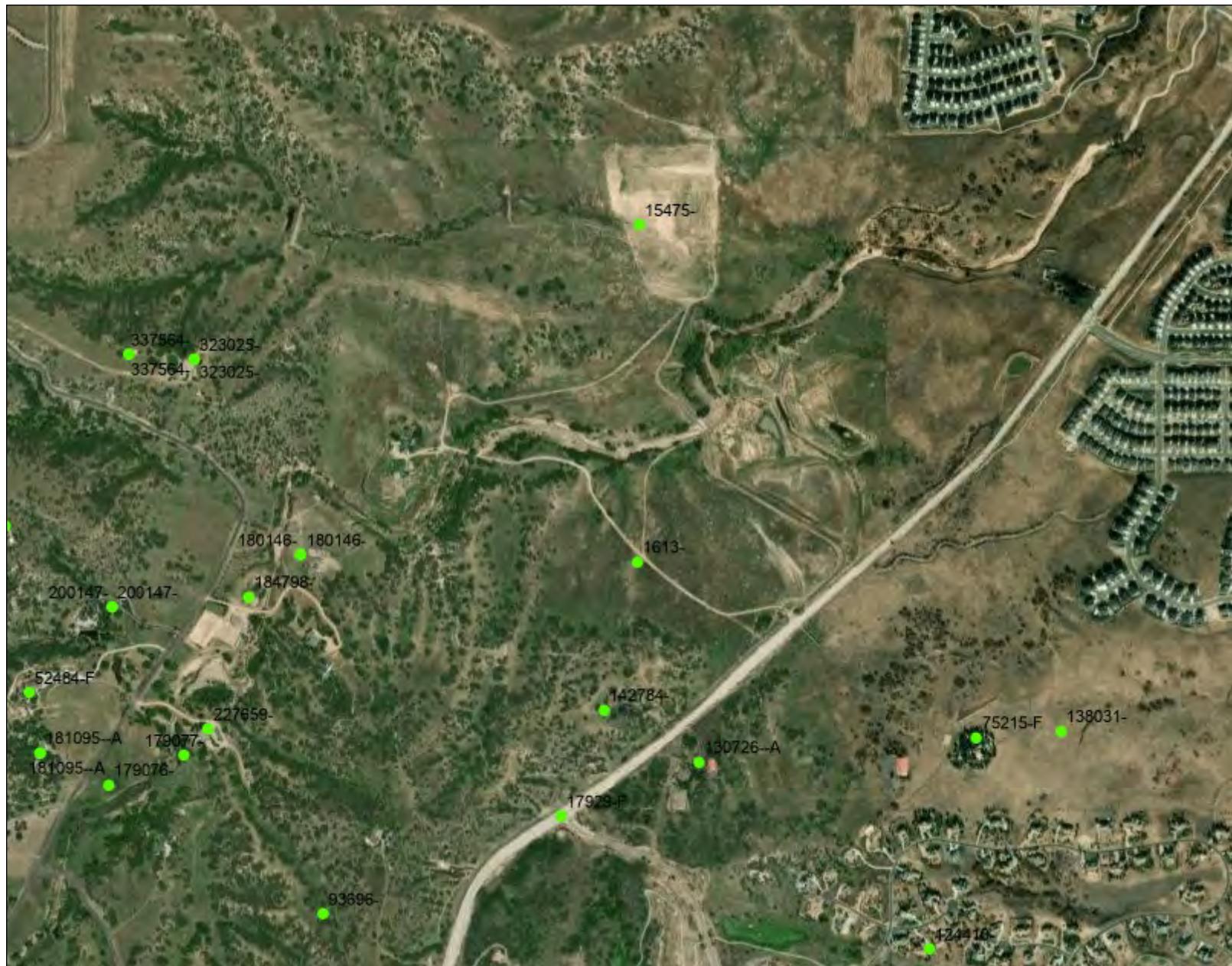




CDPHE Map



## CDWR Map



### Legend

- Well Constructed
- County

### Location



### Notes

This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

2,339

0

1,169

2,339 Feet



1: 14,032

Date Prepared: 12/5/2025 2:15:38 PM



**ROBERT J. WILSON**, CPG08700  
CERTIFIED PROFESSIONAL GEOLOGIST  
PRINCIPAL

GEOLOGY  
HYDROGEOLOGY  
GROUNDWATER  
ENVIRONMENTAL  
NATURAL RESOURCES  
LAND & REAL PROPERTY  
PROJECT MANAGEMENT

May 23, 2025

Colorado Division of Oil and Public Safety  
ATTN: Orren Doss  
633 17<sup>TH</sup> Street, Suite 500  
Denver, Colorado 80202-3610

Re: **Tank Removal Field Report**  
**Hesse-Rueter Land LP - Douglas County (parcel account# R0411981)**  
**6645 Crowfoot Valley Road, Parker, CO 80314**

Dear Orren,

On behalf of the property owner, Hess Rueter Land LP, a tank removal report is attached. A 279 gallon gasoline tank was discovered in April 2025 by stakeholders while property transfer due diligence was in progress. This has caused a pause in the sale of the property. The tank was used to fuel farm equipment and vehicles at the Hess Rueter farm and ranch (circa 1918). The Hess Rueter family said the tank has not been used for 40 years. The parcel of land where the tank was removed does not have an address at the assessor's office but is part of the adjoining property to the east where there's an abandoned farmhouse and outbuildings. The address of the adjoining parcel with the abandoned farmhouse is known by the Douglas County Assessor as, *6645 Crowfoot Valley Road, Parker, CO*.

The tank was removed on May 13, 2025. No indication of release or contaminated soil was observed or detected in the field soil gas surveys or in lab analysis of soil samples that were taken from below the tank.

To resume property transfer, the purchaser's lender has requested letter of no further action from the state. This presents a conundrum, since the tank is excluded from state storage tank regulations based on tank use on a farm, it's <1100 gallons in size, and it was used for non-commercial purposes.

I'm hoping that the Colorado OPS can review the attach tank closure report and provide some sort of correspondence by email or letter that could comfort the lender based upon tank removal corrective action and no indication of release.

Respectfully,

*Robert J. Wilson*

Robert J. Wilson, CPG8700

*cc: Evelyn Small and Anudeep Arla*  
*attachments*

The following is a summary of the events leading to the removal of a small underground storage tank after it was discovered during the process of property transfer. The property owner reported that the tank has been out of service for 40 years and was previously used to fuel farm equipment and vehicles. The tank is part of the Hess Rueter family farm/ranch and is associated with a smaller adjoining property with an abandoned farmhouse and outbuildings whose address is **6645 Crowfoot Valley Road, Parker, CO**.

**Chronology of Events**

**04/29/2025:** Tyler Kalous, project manager at ET Technologies (ETT), reported that their field crew removed about 125 gallons of old gasoline and some water using their vacuum pump.

**05/12/2025: Tank Uncovered – Soil Exploration for Release:** The tank was uncovered by ET Technologies field crew. Personnel from Clear Creek Consulting (CLEARCC), including a certified professional geologist and groundwater professional were present during all activities and made the following observations:

- 1) A small steel gasoline tank with asphalt wrap measuring 34.5" in diameter x 71" in length (~3 feet in diameter by ~6 feet in length) with a total volume of **287 gallons**, was uncovered using a small track excavator. The top of the tank was about 12 to 14 inches below ground surface (soil).
- 2) A product dispenser concrete foundation with a suction and return galvanized pipes that were in good condition were present on top of west end of the tank. Property owners reported that the product dispenser had been removed 40 years ago. A 4-inch diameter steel filler pipe riser with cap, and a 1.5-inch diameter galvanized vent pipe with cap, were observed exiting the east end of the top of the tank.
- 3) No holes were observed on the sides, top or bottom of the tank. There was no evidence of over-fill spill at the top of the tank filler port.
- 4) **No release of gasoline was observed in soil below or surrounding tank.**
  - a. No discolored soil was observed or petroleum hydrocarbon odor identified using by olfactory senses.
  - b. A field photoionization detector (PID) was used to detect volatile organics (including gasoline, diesel) in parts per million (ppm) in air and in soil vapor using headspace analysis techniques within soil samples surrounding and underlying the tank. No volatile organic compounds (VOCs) including petroleum hydrocarbons (gasoline, diesel, lube or waste oil, others), were detected.
- 5) No groundwater was encountered through a total depth of 5 to ~6 feet in the shallow excavation.
- 6) The remaining small amount of gasoline not removed on 04/29 was removed by vacuum pump after slightly tilting the tank.
- 7) Using a properly calibrated MultiRAE field instrument (with O2, LEL, CO2, H2S, VOC/PID) sensors, CLEARCC monitored the atmosphere inside tank and identified <12.9% LEL and <4% O2.

**05/13/2025: Tank Pull Event** (South Metro Fire Dept - Permit #: USTR25-01798):

- 1) Around 8:30a, ETT personnel placed dry ice inside tank to alleviate explosion potential. This was accomplished by increasing CO2 (carbon dioxide) level and decreasing oxygen, therefore, reducing the LEL (lower explosion limit) to 0%. ETT's combustible gas indicator (CGI) and CLEARCC's MultiRAE instrument both indicated similar readings (0% LEL and 4.3% O2). An approximate 6-foot long by 1.5-inch diameter

## **Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)**

white PVC pipe was attached to the tank's vent pipe assisting non-explosive levels of gasoline vapor to escape from the tank and rise into ambient air above the field crew's breathing zone.

- 2) The South Metro Fire Rescue (SMFR) Fire Marshal was not able to be present for the tank pull. However, due to the small size of the tank, the rural setting away from population, and absence of product, SMFR approved tank removal to commence at 10A. No release of gasoline was detected in air or soil using the field PID monitoring and surveys. No discolored soil or odor were observed in the tank pit excavation.
- 3) As per South Metro Fire Rescue/Fire Marshal's Office instructions, the tank was crushed on site with the track excavator and then transported to ETT's yard in Parker, CO where it awaits disposal to a tank and iron recycler.
- 4) The excavation was approximately 5.5 feet wide by 7.5 feet long and 5 to ~6 feet deep. Class 6 fill was imported on to the site by ETT and was used to backfill excavation to replace the void caused by the removal of the tank. Remaining uncontaminated excavated soil was returned to the tank pit area after placing the class 6 fill.
- 5) Regarding tank removal permit UST-R25-01798 – 6645 Crowfoot Road, also refer to email correspondence between Tyler Kalous of ET Technologies and Jim Chaney of South Metro Fire Rescue/Fire Marshal's Office including site photos of tank pull event.

**05/20/2025:** SGS North America in Wheat Ridge, CO reported on Monday of this week that lab turnaround was experiencing delay.

**05/22/2025:** Preliminary results were received late today for three soil samples taken from below the tank at depth of about 4 feet to 5 feet (4' – 5'). Sample locations were SS01 (west end of tank), SS02 (middle of tank), and SS03 (east end of tank). There was no detection (ND) of benzene, ethylbenzene, toluene, xylenes (BTEX), gasoline range organics (TPH-GRO) or diesel range organics (TRP-DRO). The lab analysis confirms the field PID surveys and physical observations regarding the tank and soil surrounding the tank on 05/12 when the tank was uncovered and then on 05/13 when the tank was pulled. See lab analysis report from **SGS North America job # DA72286**.

(intentionally left blank)

## **Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)**

### **Contact Information**

#### **Property Owner**

Hess Rueter Land LP  
C/O Evelyn Small, General Partner  
4775 Raven Creek Drive  
Manhattan, KS 66502  
[WiliamSmall5@gmail.com](mailto:WiliamSmall5@gmail.com)  
(202) 800-3722 mobile

#### **Purchaser Under Contract**

Arla Land Holdings LLC  
Anudeep Arla  
16791 E Lake Avenue  
Aurora, CO 80016  
[arlaanudeep@gmail.com](mailto:arlaanudeep@gmail.com)  
(716) 536-0759 mobile

#### **Tank Removal Service Company**

ET Technologies, Inc  
Tyler Kalous, Project Manager  
10000 S Dransfeldt Rd., Suite 100  
Parker, Co 80134  
[tyler.kalous@ettechusa.com](mailto:tyler.kalous@ettechusa.com)  
(303) 680-9414 office  
(970) 301-0607 mobile

South Metro Fire Rescue / Fire Marshal's Office

Jim Chaney, Fire Inspector  
[Jim.chaney@southmetro.org](mailto:Jim.chaney@southmetro.org)  
(720) 989-2242 office

### **Conclusions and Opinion**

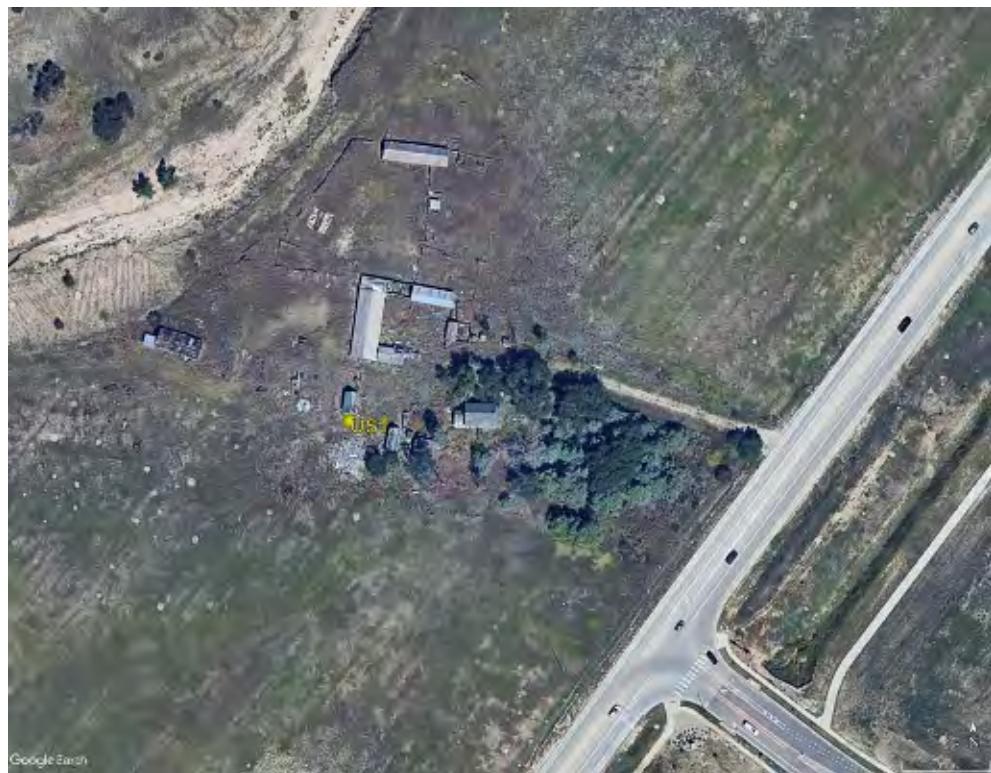
No release was detected in soil surrounding the tank. It's opinion of CLEARCC that no further investigation is necessary.

Respectfully,

*Robert J. Wilson*

Robert J. Wilson, CPG8700

Appendix – Supporting Information



**Tank Location**

<https://maps.app.goo.gl/iktCoHgomSWNbust6>

39.460760, -104.793953

Douglas County, Colorado 80134

**Douglas County Assessor**

UST Site (no address): <https://apps.douglas.co.us/assessor/web/#/details/2025/R0411981>

Adjoining Property (6645 Crowfoot Valley Rd., Parker, CO:

<https://apps.douglas.co.us/assessor/web/#/details/2025/R0404402>

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

**Technical Report for**

**Clear Creek Consulting**

**Hess-Rueter**

**20251750**

**SGS Job Number: DA72286**

**Sampling Date: 05/12/25**



**Report to:**

**Clear Creek Consulting  
9195 W. 35th Avenue  
Wheat Ridge, CO 80033  
bjwilson@clearcc.com**

**ATTN: Bob Wilson**

**Total number of pages in report: 25**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

**Eric Hoffman**

**Client Service contact: Parna Payandeh 303-425-6021**  
Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L)  
HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.  
Test results relate only to samples analyzed.

# Table of Contents

Sections:

	-1-	
<b>Section 1: Sample Summary .....</b>		<b>3</b>
<b>Section 2: Case Narrative/Conformance Summary .....</b>		<b>4</b>
<b>Section 3: Summary of Hits .....</b>		<b>5</b>
<b>Section 4: Sample Results .....</b>		<b>6</b>
<b>4.1: DA72286-1: SS01 (4'-5') .....</b>		7
<b>4.2: DA72286-2: SS02 (4'-5') .....</b>		9
<b>4.3: DA72286-3: SS03 (4'-5') .....</b>		10
<b>Section 5: Misc. Forms .....</b>		<b>12</b>
<b>5.1: Chain of Custody .....</b>		13
<b>Section 6: MS Volatiles - QC Data Summaries .....</b>		<b>15</b>
<b>6.1: Method Blank Summary .....</b>		16
<b>6.2: Blank Spike Summary .....</b>		17
<b>6.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>		19
<b>Section 7: GC/LC Semi-volatiles - QC Data Summaries .....</b>		<b>20</b>
<b>7.1: Method Blank Summary .....</b>		21
<b>7.2: Blank Spike Summary .....</b>		22
<b>7.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>		24

1  
2  
3  
4  
5  
6  
7

## Sample Summary

Clear Creek Consulting

**Job No:** DA72286

Hess-Rueter

Project No: 20251750

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
---------------	----------------	---------	----------	-------------	------	------------------

This report contains results reported as ND = Not detected. The following applies:  
Organics ND = Not detected above the MDL

DA72286-1 05/12/25 10:20 RW 05/12/25 SO Soil SS01 (4'-5')

DA72286-2 05/12/25 10:25 RW 05/12/25 SO Soil SS02 (4'-5')

DA72286-3 05/12/25 10:27 RW 05/12/25 SO Soil SS03 (4'-5')

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## CASE NARRATIVE / CONFORMANCE SUMMARY

**Client:** Clear Creek Consulting

**Job No:** DA72286

**Site:** Hess-Rueter

**Report Date** 5/23/2025 10:26:38 A

On 05/12/2025, 3 sample(s), 0 Trip Blank(s), 0 Equip. Blanks and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 3.5 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA72286 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

### MS Volatiles By Method SW846 8260B

**Matrix:** SO

**Batch ID:** V5V4379

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA72282-6MS, DA72282-6MSD were used as the QC samples indicated.

### GC/LC Semi-volatiles By Method SW846-8015C

**Matrix:** SO

**Batch ID:** OP27669

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA72286-1MS, DA72286-1MSD were used as the QC samples indicated.

### General Chemistry By Method SM2540G-2011 M

**Matrix:** SO

**Batch ID:** GN66946

- The data for SM2540G-2011 M meets quality control requirements.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

## Summary of Hits

Page 1 of 1

Job Number: DA72286  
Account: Clear Creek Consulting  
Project: Hess-Rueter  
Collected: 05/12/25

3

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
---------------	------------------	--------------------	------	----	-----	-------	--------

**DA72286-1** SS01 (4'-5')

No hits reported in this sample.

**DA72286-2** SS02 (4'-5')

No hits reported in this sample.

**DA72286-3** SS03 (4'-5')

No hits reported in this sample.

### Sample Results

---

### Report of Analysis

---

## Report of Analysis

<b>Client Sample ID:</b>	SS01 (4'-5')	<b>Date Sampled:</b>	05/12/25
<b>Lab Sample ID:</b>	DA72286-1	<b>Date Received:</b>	05/12/25
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	90.2
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	Hess-Rueter		

	<b>File ID</b>	<b>DF</b>	<b>Analyzed</b>	<b>By</b>	<b>Prep Date</b>	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	5V90577.D	1	05/21/25 07:32	MB	n/a	n/a	V5V4379
Run #2							

	<b>Initial Weight</b>	<b>Final Volume</b>
Run #1	5.08 g	5.0 ml
Run #2		

## Purgeable Aromatics+ GRO

<b>CAS No.</b>	<b>Compound</b>	<b>Result</b>	<b>RL</b>	<b>MDL</b>	<b>Units</b>	<b>Q</b>
71-43-2	Benzene	ND	1.1	0.55	ug/kg	
108-88-3	Toluene	ND	2.2	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	0.55	ug/kg	
1330-20-7	Xylene (total)	ND	2.2	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	220	110	ug/kg	

<b>CAS No.</b>	<b>Surrogate Recoveries</b>	<b>Run# 1</b>	<b>Run# 2</b>	<b>Limits</b>
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

**Client Sample ID:** SS01 (4'-5')  
**Lab Sample ID:** DA72286-1  
**Matrix:** SO - Soil  
**Method:** SW846-8015C SW846 3511  
**Project:** Hess-Rueter

**Date Sampled:** 05/12/25  
**Date Received:** 05/12/25  
**Percent Solids:** 90.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW42514.D	1	05/14/25 07:36	JB	05/13/25 10:00	OP27669	GLW999
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.1	3.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	86%		20-155%		

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b>	SS02 (4'-5')	<b>Date Sampled:</b>	05/12/25
<b>Lab Sample ID:</b>	DA72286-2	<b>Date Received:</b>	05/12/25
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	93.9
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	Hess-Rueter		

	<b>File ID</b>	<b>DF</b>	<b>Analyzed</b>	<b>By</b>	<b>Prep Date</b>	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	5V90578.D	1	05/21/25 07:56	MB	n/a	n/a	V5V4379
Run #2							

	<b>Initial Weight</b>	<b>Final Volume</b>
Run #1	5.38 g	5.0 ml
Run #2		

## Purgeable Aromatics+ GRO

<b>CAS No.</b>	<b>Compound</b>	<b>Result</b>	<b>RL</b>	<b>MDL</b>	<b>Units</b>	<b>Q</b>
71-43-2	Benzene	ND	0.99	0.49	ug/kg	
108-88-3	Toluene	ND	2.0	0.99	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	99	ug/kg	

<b>CAS No.</b>	<b>Surrogate Recoveries</b>	<b>Run# 1</b>	<b>Run# 2</b>	<b>Limits</b>
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b>	SS03 (4'-5')	<b>Date Sampled:</b>	05/12/25
<b>Lab Sample ID:</b>	DA72286-3	<b>Date Received:</b>	05/12/25
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	94.2
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	Hess-Rueter		

	<b>File ID</b>	<b>DF</b>	<b>Analyzed</b>	<b>By</b>	<b>Prep Date</b>	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	5V90579.D	1	05/21/25 08:20	MB	n/a	n/a	V5V4379
Run #2							

	<b>Initial Weight</b>	<b>Final Volume</b>
Run #1	5.33 g	5.0 ml
Run #2		

## Purgeable Aromatics+ GRO

<b>CAS No.</b>	<b>Compound</b>	<b>Result</b>	<b>RL</b>	<b>MDL</b>	<b>Units</b>	<b>Q</b>
71-43-2	Benzene	ND	1.0	0.50	ug/kg	
108-88-3	Toluene	ND	2.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	100	ug/kg	

<b>CAS No.</b>	<b>Surrogate Recoveries</b>	<b>Run# 1</b>	<b>Run# 2</b>	<b>Limits</b>
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b>	SS03 (4'-5')	<b>Date Sampled:</b>	05/12/25
<b>Lab Sample ID:</b>	DA72286-3	<b>Date Received:</b>	05/12/25
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	94.2
<b>Method:</b>	SW846-8015C SW846 3511		
<b>Project:</b>	Hess-Rueter		

	<b>File ID</b>	<b>DF</b>	<b>Analyzed</b>	<b>By</b>	<b>Prep Date</b>	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	LW42515.D	1	05/14/25 07:50	JB	05/13/25 10:00	OP27669	GLW999
Run #2							

	<b>Initial Weight</b>	<b>Final Volume</b>
Run #1	5.3 g	10.0 ml
Run #2		

<b>CAS No.</b>	<b>Compound</b>	<b>Result</b>	<b>RL</b>	<b>MDL</b>	<b>Units</b>	<b>Q</b>
	TPH-DRO (C10-C28)	ND	4.0	3.8	mg/kg	

<b>CAS No.</b>	<b>Surrogate Recoveries</b>	<b>Run# 1</b>	<b>Run# 2</b>	<b>Limits</b>
84-15-1	o-Terphenyl	99%		20-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

5

## Custody Documents and Other Forms

---

Includes the following where applicable:

- Chain of Custody



## CHAIN OF CUSTODY

Page 1 of 1

**SGS North America Inc. - Wheat Ridge**  
4036 Youngfield Street, Wheat Ridge, CO 80033  
TEL: 303-425-6021 FAX: 303-425-6854  
[WWW.SGS.COM/CHSUSA](http://WWW.SGS.COM/CHSUSA)

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)		Matrix Codes	
Company: <b>CLEAR CREEK CONSULTING</b>	Project Name: <b>HESS - RUETER</b>	Street: <b>9195 W. 35th AVE</b>	Street: <b>9195 W. 35th AVE</b>	Billing Information (if different from Report to)	Company:	DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LC - Other Liquid AIR - Air GO - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - House Blank TB - Trip Blank D=dissolved metals PD=Potentially dissolved TR=Total recoverable	
City, State: <b>WHEAT RIDGE, CO 80033</b>	City, State ZIP: <b>80033</b>	Project Contact: <b>BJ WILSON</b>	Project #: <b>20251750</b>	Street Address:			
Phone: <b>(720)294-6292</b>	Client Purchase Order #:	City, State ZIP:					
Email: <b>BJWILSON@CLEARCC.COM</b>	Project Manager: <b>BJ Wilson</b>	Attention:					
Collection		Number of preserved Bottles					LAB USE ONLY
Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	NONE HCl NaOH HCO3 H2SO4 Di Water Meth ENCORE Na2SO4 MgSO4	
SS01 (4' - 5')	5/12/25	10:20	BN	SO	2 X	X X	C1
SS02 (4' - 5')	" "	10:25	✓	✓	1 X	X	C2
SS03 (4' - 5')	" "	10:27	✓	✓	2 X	X X	C3
Turnaround Time (Business days)		Data Deliverable Information				Comments / Special Instructions	
<input type="checkbox"/> Standard 10 Business Days <input type="checkbox"/> 5 Business Days RUSH <input checked="" type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY		Special Reporting Instructions <input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input checked="" type="checkbox"/> Report in QC/Narrative <input type="checkbox"/> Report MDLs <input type="checkbox"/> COMMEN (Results/QC/Narrative) <input type="checkbox"/> COMMEN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/parallel raw data) <input type="checkbox"/> FULT1 <input type="checkbox"/> EDD Format				Commercial "A" (Level 1, Results Only) <input checked="" type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMEN (Results/QC/Narrative) <input type="checkbox"/> COMMEN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/parallel raw data) <input type="checkbox"/> EDD Format	
Emergency & Rush T/A data available via Email or LabLink. RUSH T/A approval needed							
Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, UPS, USPS delivery.							
Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	1	2	3	4	5
1	5/12/2025 15:05	1	2	3	4	5	6
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	1	2	3	4	5
3		3	4	5	6	7	8
Custody Seal #:	Intact <input checked="" type="checkbox"/>	Not intact <input type="checkbox"/>	Absent <input type="checkbox"/>	Preserved where applicable <input checked="" type="checkbox"/>	Cooler Temp. °C (corrected): 35	Therm. ID: 1234	On Ice <input type="checkbox"/>
<a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>							

Current Regular COC 23MAY23.xls; FORM: EHSA-QAC-0027-01-FORM-Wheat Ridge - COC; RV 9/2/2

## PA72286: Chain of Custody

Page 1 of 2

## SGS Sample Receipt Summary

Job Number: da72286 Client: CLEAR CREEK CONSULTING Project: HESS-RUETER  
 Date / Time Received: 5/12/2025 3:15:00 PM Delivery Method: hd Airbill #'s:

Cooler Temps (Raw Measured) °C: Cooler 1: (3.5);

Cooler Temps (Corrected) °C: Cooler 1: (3.5);

### Cooler Information

	<u>Y</u> or <u>N</u>	
1. Custody Seals Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification:	IR Gun	
5. Cooler media:	Ice (Bag)	

### Trip Blank Information

	<u>Y</u> or <u>N</u>	<u>N/A</u>	
1. Trip Blank present / cooler:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Trip Blank listed on COC:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Type of TB Received	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### W or S N/A

### Sample Information

	<u>Y</u> or <u>N</u>	<u>N/A</u>	
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Samples presented properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Sufficient volume/containers rec'd for analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Condition of sample:	Intact		
5. Sample rec'd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. Dates/Times/IDs on COC match sample label	<input type="checkbox"/>	<input type="checkbox"/>	
7. VOCs have headspace	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Compositing instructions clear	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. % Solids Jar Received?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Residual Chlorine Present?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Misc Information

Number of Enclosures: 25 Gram	5 Gram	Number of Lab Filtered Metals
Test Strip Lot #: pH 0-3:	pH 10-12:	Other: (Specify)
Residual Chlorine Test Strip Lot		

### Comments

SM001  
 Rev. Date 05/04/17

Technician: JEREMYD Date: 5/12/2025 3:32:30 PM Reviewer: Date:

DA72286: Chain of Custody

Page 2 of 2

**MS Volatiles****QC Data Summaries**

---

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries



## Method Blank Summary

Page 1 of 1

Job Number: DA72286

Account: CCCCOWR Clear Creek Consulting

Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4379-MB	5V90561.D	1	05/21/25	MB	n/a	n/a	V5V4379

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72286-1, DA72286-2, DA72286-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/kg	
108-88-3	Toluene	ND	2.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	100	ug/kg	

CAS No. Surrogate Recoveries Limits

1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

## Blank Spike Summary

Page 1 of 1

Job Number: DA72286  
Account: CCCCOWR Clear Creek Consulting  
Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4379-BS	5V90558.D	1	05/20/25	MB	n/a	n/a	V5V4379

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72286-1, DA72286-2, DA72286-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	51.9	104	70-130
100-41-4	Ethylbenzene	50	49.9	100	70-130
108-88-3	Toluene	50	51.1	102	70-130
1330-20-7	Xylene (total)	150	149	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

\* = Outside of Control Limits.

## Blank Spike Summary

Page 1 of 1

Job Number: DA72286  
Account: CCCCCOWR Clear Creek Consulting  
Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4379-BS	5V90559.D	1	05/21/25	MB	n/a	n/a	V5V4379

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72286-1, DA72286-2, DA72286-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1780	89	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: DA72286

Account: CCCCCOWR Clear Creek Consulting

Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72282-6MS	5V90564.D	1	05/21/25	MB	n/a	n/a	V5V4379
DA72282-6MSD	5V90565.D	1	05/21/25	MB	n/a	n/a	V5V4379
DA72282-6	5V90562.D	1	05/21/25	MB	n/a	n/a	V5V4379

The QC reported here applies to the following samples:

Method: SW846 8260B

DA72286-1, DA72286-2, DA72286-3

CAS No.	Compound	DA72282-6		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/kg	Q	ug/kg	ug/kg	%	ug/kg	ug/kg	%		
71-43-2	Benzene	ND		49.9	45.9	92	51	46.8	92	2	43-130/30
100-41-4	Ethylbenzene	ND		49.9	44.5	89	51	46.1	90	4	15-145/30
108-88-3	Toluene	ND		49.9	45.3	91	51	46.9	92	3	37-130/30
1330-20-7	Xylene (total)	ND		150	131	87	153	136	89	4	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72282-6	Limits
1868-53-7	Dibromofluoromethane	105%	103%	105%	70-130%
2037-26-5	Toluene-D8	100%	100%	98%	70-130%
460-00-4	4-Bromofluorobenzene	97%	99%	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	103%	70-130%

\* = Outside of Control Limits.

**GC/LC Semi-volatiles****QC Data Summaries**

7

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: DA72286  
Account: CCCCOWR Clear Creek Consulting  
Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27669-MB	LW42507.D	1	05/14/25	JB	05/13/25	OP27669	GLW999

The QC reported here applies to the following samples:

Method: SW846-8015C

DA72286-1, DA72286-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	3.8	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	92% 20-155%

## Blank Spike Summary

Page 1 of 1

Job Number: DA72286  
Account: CCCCCOWR Clear Creek Consulting  
Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27669-BS	LW42508.D	1	05/14/25	JB	05/13/25	OP27669	GLW999

The QC reported here applies to the following samples:

Method: SW846-8015C

DA72286-1, DA72286-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	177	89	41-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	96%	20-155%

\* = Outside of Control Limits.

7.2.1

7

## Blank Spike Summary

Page 1 of 1

Job Number: DA72286  
Account: CCCCCOWR Clear Creek Consulting  
Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27669-BS2	LW42509.D	1	05/14/25	JB	05/13/25	OP27669	GLW999

The QC reported here applies to the following samples:

Method: SW846-8015C

DA72286-1, DA72286-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
---------	----------	----------------	--------------	----------	--------

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	91%	20-155%

---

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: DA72286

Account: CCCCOWR Clear Creek Consulting

Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27669-MS1	LW42510.D	1	05/14/25	JB	05/13/25	OP27669	GLW999
OP27669-MSD1	LW42511.D	1	05/14/25	JB	05/13/25	OP27669	GLW999
DA72286-1	LW42514.D	1	05/14/25	JB	05/13/25	OP27669	GLW999

The QC reported here applies to the following samples:

Method: SW846-8015C

DA72286-1

7.3.1

CAS No.	Compound	DA72286-1		Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
		mg/kg	Q								
	TPH-DRO (C10-C28)	ND		202	176	87	199	174	88	1	10-160/30
CAS No.	Surrogate Recoveries	MS	MSD	DA72286-1		Limits					
84-15-1	o-Terphenyl	91%	96%	86%		20-155%					

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: DA72286

Account: CCCCOWR Clear Creek Consulting

Project: Hess-Rueter

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27669-MS2	LW42512.D	1	05/14/25	JB	05/13/25	OP27669	GLW999
OP27669-MSD2	LW42513.D	1	05/14/25	JB	05/13/25	OP27669	GLW999
DA72286-3	LW42515.D	1	05/14/25	JB	05/13/25	OP27669	GLW999

The QC reported here applies to the following samples:

Method: SW846-8015C

DA72286-3

CAS No.	Compound	DA72286-3		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		mg/kg	Q	mg/kg	mg/kg	%	mg/kg	mg/kg	%		

CAS No.	Surrogate Recoveries	MS	MSD	DA72286-3	Limits
84-15-1	o-Terphenyl	94%	90%	99%	20-155%

\* = Outside of Control Limits.

7.3.2

7

Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)



**CLEARCC**

May 23, 2025

Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)



Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)



**Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)**



**CLEARCC**

May 23, 2025

Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)



**CLEARCC**  
May 23, 2025

**Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)**



**CLEARCC**

May 23, 2025

**Underground Storage Tank Removal Field Report - Hesse-Rueter Land LP (Douglass Co account# R0411981)**



**[bjwilson@clearcc.com](mailto:bjwilson@clearcc.com)**

---

**From:** Tyler Kalous <tyler.kalous@ettechusa.com>  
**Sent:** Tuesday, May 13, 2025 7:27 AM  
**To:** [bjwilson@clearcc.com](mailto:bjwilson@clearcc.com); [Mstatter@cresa.com](mailto:Mstatter@cresa.com)  
**Subject:** UST Removal Crowfoot

Good Morning,

Just spoke with fire and we can remove that tank at 10 am today. I will be on site as well.

Thanks,

Tyler Kalous  
Project Manager

E: [tyler.kalous@ettechusa.com](mailto:tyler.kalous@ettechusa.com)

O: 303.680.9414

C: 970.301.0607



Check out our website at [ettechusa.com](http://ettechusa.com)!

**[bjwilson@clearcc.com](mailto:bjwilson@clearcc.com)**

---

**From:** Tyler Kalous <tyler.kalous@ettechusa.com>  
**Sent:** Tuesday, May 13, 2025 11:35 AM  
**To:** Jim.chaney@southmetro.org  
**Cc:** bjwilson@clearcc.com; Mike Statter  
**Subject:** Permit USTR25-01798 at 6645 E Crowfoot Rd.

Jim,

Here are the Photos from 6645 E Crowfoot Hill UST removal with permit number USTR25-01798. LEL O2 readings were 0%-LEL and O2 at 4.3%.

Thanks,

Tyler Kalous  
Project Manager

E: [tyler.kalous@ettechusa.com](mailto:tyler.kalous@ettechusa.com)  
O: 303.680.9414  
C: 970.301.0607

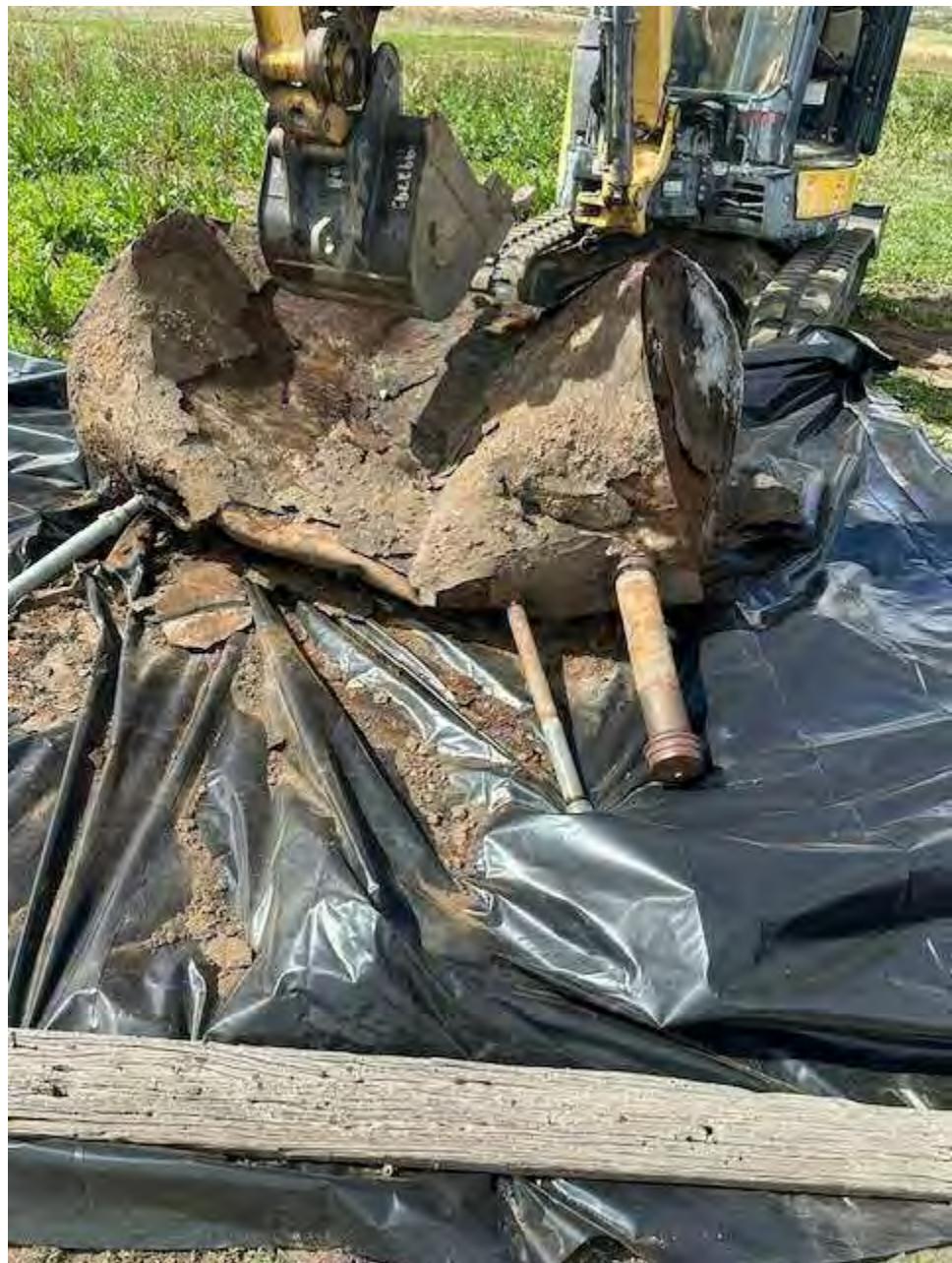


Check out our website at [ettechusa.com](http://ettechusa.com)!













from my iPhone

**Appendix C Qualifications of Environmental Professionals**



## Craig Sovka

GEOLOGIST

**ERO**  
ERO Resources Corporation

Since 1992, Craig has worked in the environmental field conducting hydrogeological investigations; Phase I and II Environmental Site Assessments; site characterization and monitoring; surface and subsurface soil and water investigations; remediation system design, installation, and operation; and preparation of NEPA environmental impact statements and environmental assessments.

### **Power Engineering Company | Denver, CO**

Project manager for soil and ground water investigations to delineate the source and extent of contamination at a chrome plating facility. Assisted in the design, construction, and operation of an innovative treatment system to remediate hexavalent chromium-contaminated soil and groundwater. Since 2018, has characterized a PFAS plume at the facility and in 2024 installed a permeable reactive barrier as part of a CDPHE-approved Corrective Action Plan to prevent off-site migration of PFAS. Performance monitoring is ongoing at the site.

### **New Mexico Interstate Stream Commission | Pecos River Basin, NM**

Project manager for Environmental Site Assessments at 75 farm and ranch properties in the Pecos River Basin. The New Mexico Interstate Stream Commission planned to acquire up to 18,000 acres of land and water rights in the river basin and required an evaluation of environmental conditions prior to purchasing each property.

### **Vista Ridge Development | Erie, CO**

Project manager for all environmental issues associated with the development of a 900-acre golf course community in Erie, Colorado. Services included Phase I environmental site assessments on numerous parcels, remediation of oil and gas well production waste, and preparation and implementation of a Voluntary Cleanup Plan of a 50-year-old rifle and skeet shooting range.

### **St. Joseph Hospital | Denver, CO**

Project manager for underground storage tank investigations of numerous diesel fuel tanks for the hospital's emergency power generators, including site characterization, oversight of tank removal, and preparation and implementation of a Corrective Action Plan. Prepared No Further Action Request forms and received closure of all tanks from the regulatory agency.

### **Dry Cleaner Investigations and Remediation | Various towns in CO**

Project manager for soil and groundwater investigations to delineate the source and extent of dry cleaner solvent contamination at several former and active dry cleaner facilities. Designed and implemented in-situ treatment strategies to remediate contaminated soil and ground water.

### **Adams County Bus Facility | Thornton, CO**

Field manager overseeing the decommissioning of a large school bus maintenance facility. The project entailed asbestos abatement, underground storage tank closures, refrigerant recovery, water well abandonment, hazardous waste removal, building demolition, and site restoration to accommodate a future shopping center development.

## KEY STRENGTHS

- Project Management
- Hydrogeological Investigations
- Environmental Site Assessments
- Site Characterization/Remediation

## EDUCATION

1992 | B.A. Geology | Princeton University

## CERTIFICATIONS

OSHA 1910.120(e) 40-hour Hazardous Waste Operations and Emergency Response, with Annual 8-Hour Refreshers

Years with ERO: 25 Years' Experience: 33



## Jack Denman, P.G. ENVIRONMENTAL SCIENTIST | PRINCIPAL

Since 1998, Jack has conducted geologic and environmental investigations, including Phase I and II Environmental Site Assessments (ESA); site characterization and monitoring; surface and subsurface soil and ground water investigations; contamination excavation; and remediation system design, installation, and operation. Jack also provides solid and hazardous waste management consultation.

### **City of Thornton | Thornton, Colorado**

*Contract Manager* — senior scientist for General Environmental Services contract with Thornton. Projects have included Phase I and Phase II ESAs, petroleum storage tank closures, oversight of third-party assessments and cleanups, emergency response to petroleum spills, facility decommissioning, and coordinating asbestos abatement.

### **Central Park Denver Redevelopment | Denver, Colorado**

*Project Manager* — Project and field manager for multiple due diligence investigations across the former Denver Stapleton International Airport facility. Activities have included extensive historical documentation review and subsurface soil, ground water, and soil vapor testing and evaluation.

### **Mission Ballroom/Midtown Redevelopment | Denver, Colorado**

*Project Manager* — Project manager and senior scientist for Phase I, Phase II, and Voluntary Cleanup of former light industrial warehouse redevelopment. Services included site evaluation, facility decommissioning, asbestos abatement coordination, demolition and excavation oversight, documentation and regulatory interaction.

### **Dry Cleaning Facilities | Metropolitan Denver, Colorado**

*Project Manager* — Project manager for multiple sites within the Denver metropolitan area with contaminated soil and ground water associated with current or former dry cleaning operations. Activities include soil and ground water sampling; monitoring well installation; remedial action design and implementation; and client and regulatory interaction.

### **Methane Evaluation | City and County of Broomfield, Colorado**

*Project Manager* — Project manager for City-wide evaluation for leaking plugged and abandoned oil and gas wells to investigate potential for soil gas methane leaking from wells. Tasks included property access, standard operating procedure development, vapor point installation and monitoring, isotopic analysis interpretation, and public presentation of results.

### **Environmental Site Assessments | National Park Service, Various Locales**

*Project Manager* — Conducted multiple Phase I ESAs and Phase II Site Assessments on residential and undeveloped lands within NPS units in Hawaii, Idaho, Washington, and Colorado. Projects involved access coordination, remote location mapping, boundary confirmation, sample plan design and implementation, exposure pathway evaluation and reporting in accordance with CERCLA and NPS requirements.

## KEY STRENGTHS

- Project Management
- Environmental Site Assessments
- Site Characterization/Remediation
- NEPA Compliance

## EDUCATION

1996 | B.A. Environmental Geology,  
magna cum laude | Colorado College

## CERTIFICATIONS

Professional Geologist: WY #PG-3541, ID #PG 1113

OSHA 1910.120(e) 40-hour Hazardous Waste Operations and Emergency Response, with Annual 8-Hour Refreshers.

Years with ERO: 23 | Years' Experience: 24

**Appendix D Phase I ESA Work Scope**

# WORK SCOPE

## PHASE I ENVIRONMENTAL SITE ASSESSMENT

### Summary

ERO Resources Corporation (ERO) will conduct a Phase I Environmental Site Assessment<sup>1</sup> (Phase I ESA) of the subject property. The Phase I ESA will consist of a visual inspection of the subject property, interviews with the property owner, project manager, and key site manager, and a compilation and review of publicly available information from a variety of sources about past and current environmental conditions at the subject property. ERO will provide the Client with a written report including a detailed presentation of findings.

**Site reconnaissance.** ERO will conduct a visual site reconnaissance of the subject property. The purpose of the inspection is to document recognized environmental conditions. Photographs will be taken as appropriate. ERO will not take any samples during the site reconnaissance. The following issues are specifically excluded from this Phase I ESA: wetlands; migratory birds; asbestos-containing materials; radon; lead-based paint; lead in drinking water; mold; and subsurface mineral rights, leases, or ownership.

ERO will document the general site setting, such as current use(s) of the subject property and adjoining properties, and general hydrogeologic and topographic features. A general description of structures and other improvements on the subject property will be provided. ERO will identify the following site conditions, if they are visually or physically observed, during the site reconnaissance:

- The quantity, type, and storage system for hazardous substances and petroleum products in connection with identified uses
- Tanks, containers, drums, barrels, and other systems used for storing hazardous substance and petroleum products not connected to identified uses
- Aboveground and underground storage tanks
- Pits, ponds, lagoons and other features potentially used for storage and/or disposal of hazardous substances and petroleum product
- Odors, pools of liquids, stained soils and pavement, and stressed vegetation
- Presence of electrical equipment potentially containing polychlorinated biphenyls (PCBs).

**Interviews.** ERO will conduct interviews with the Phase I ESA user, property owner, site manager and/or other persons with knowledge of the subject property.

**File search and regulatory agency review.** ERO will conduct a search of records and files from a variety of sources and compile existing information pertaining to current and past environmental conditions. This search may include the following information, as ERO deems appropriate:

---

<sup>1</sup> According to ASTM 1527-21: "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process."

## WORK SCOPE

### PHASE I ENVIRONMENTAL SITE ASSESSMENT

---

- Topographic, land use, and environmental resource maps
- Aerial photographs
- County and city records
- State and federal databases

**Vapor Encroachment Screening.** ERO will evaluate the sites identified during the Records Review to evaluate potential vapor encroachment in accordance with ASTM E 2600-15, the “Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions” (ASTM 2015). ERO will conduct a Tier 1 Screening using information presented in the Phase I ESA records review to determine whether a Vapor Encroachment Condition VEC exists, likely exists, or cannot be ruled out for the property. The results of this screening will be included in the Phase I ESA report. No sampling or testing is included with the screening.

**Reports and recommendations.** Based on the information gathered during the above tasks, ERO will compile the information and findings in a written report for the subject property. The report will contain a detailed presentation of findings, including the site description, records review, site reconnaissance, and conclusions.

#### Products:

- Draft and final Phase I ESA report.

#### Assumptions and Conditions

It is important to emphasize that considerable uncertainty is inherent in conducting this type of investigation. The Phase I ESA will be completed by qualified environmental professionals using that degree of care and skill ordinarily exercised under similar circumstances by other environmental professionals practicing in this field. Unforeseen conditions may significantly affect the ability to make conclusions and recommendations based solely on the proposed investigations, which may ultimately affect the level of risk for a given level of investigative effort and cost. The following assumptions and conditions describe some of the possible limitations under this Work Scope.

1. ERO assumes the subject property will not present conditions that may be hazardous to the health and safety of ERO personnel. The presence of visible hazards or contamination may be sufficient cause for ERO to halt work immediately and request a meeting with the Client to discuss the problem.
2. All work will be conducted according to the provisions given in this Work Scope and in the accompanying Terms and Conditions. No other specifications or guidelines have been agreed to, nor will any such specifications or guidelines be addressed except as will otherwise be according to this Work Scope.
3. Adequate and timely access to the subject property to conduct the Phase I ESA is assumed. Written authorization or other arrangements as may be necessary to ensure access by ERO personnel will be provided by the Client.
4. Any conditions, known or suspected to the Client, that may have bearing on these investigations, or to the findings or recommendations made pursuant to this Work Scope, will be disclosed to ERO before initiation of the Work Scope. The Client will make available to ERO any appraisal reports, title histories, engineering reports or other technical reports or information that may pertain to this investigation.
5. All references, statements or recommendations in this Work Scope or in any subsequent written reports to substances being either hazardous or not hazardous are made solely in accordance with or in

## WORK SCOPE

### PHASE I ENVIRONMENTAL SITE ASSESSMENT

---

reference to such official designations made by government agencies or other authorities under applicable laws, regulations, or guidelines. ERO itself makes no claim, warranty or implication as to whether any substance may or may not be hazardous.

6. This Work Scope does not include an assessment of the potential for any particular condition adversely to affect public health.
7. Any laboratory analytical work will be conducted by a laboratory or laboratories under separate contract or subcontract. While ERO will endeavor to select qualified laboratories for sample analysis, ERO will accept no responsibility or liability for laboratory results, quality control or analytical turnaround time.
8. Deviations from these assumptions may result in cost increases or changes in schedule.
9. All site boundaries shown or discussed in the report are approximations based on information supplied by the Client. ERO Resources will accept no responsibility or liability for the accuracy of the site boundaries.
10. The Client will be responsible for completing the user questionnaire, obtaining a map/survey of the subject property, determining property size, and forwarding these items to ERO at least five days before the date of project completion.