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PHASE I ENVIRONMENTAL SITE ASSESSMENT  
0.86-ACRE PARCEL  
LOTS 7-16, BLOCK 12  
HARTSEL, PARK COUNTY, COLORADO

*Prepared for:*

South Park Ambulance District  
PO Box 417  
Hartsel, Colorado 80449

Attention: Paul Mattson  
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## SUMMARY

Kumar & Associates, Inc. (K+A) has performed a Phase I Environmental Site Assessment (ESA) in accordance with our proposal No. P-19-782, dated November 15, 2019, consistent with the procedures included in United States Environmental Protection Agency (EPA), *All Appropriate Inquiries Final Rule*, 40 CFR Part 312 (AAI) and ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The Phase I ESA was prepared for the benefit of South Park Ambulance District, which is a “user” of the ESA as defined by ASTM E1527-13. The Phase I ESA was conducted under the supervision or responsible charge of Riley Houston, Environmental Professional. Riley Houston performed the property reconnaissance on December 10, 2019.

A summary of the findings of the Phase I ESA is provided below. Details of the assessment of the Subject Property have not been included or fully developed in this summary, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The purpose of the assessment was to identify Recognized Environmental Conditions (RECs) associated with the 0.86-parcel located at Lots 7-16, Block 12 in Hartsel, Park County, Colorado, (including buildings and other fixtures and improvements located on the site at the time of the reconnaissance) hereafter referred to as the “Subject Property”.
- The Subject Property consists of approximately 0.86 acres of undeveloped property defined by US-24 and adjoining properties. Access to the Subject Property is located off US-24 on the southern border of the property.
- No RECs were identified through assessment of the current site characteristics observed during the Subject Property reconnaissance.
- The Subject Property is bordered by the following adjoining properties:
  - Northwest – school
  - North – residence
  - Northeast – barn
  - East – undeveloped land
  - Southeast and South – Highway 24, followed by an apparent storage yard
  - Southwest – Highway 24, followed by the Shop in Hartsel
  - West – South Park Mercantile Co.

The current adjoining land uses do not present a REC associated with the Subject Property.

- The following summary is based on a review of historical information.
  - Subject Property – undeveloped land since at least 1953.
  - Northwest – developed with a school since at least 1935.
  - North – developed with a residence since at least 1934.

- Northeast – developed with a barn since at least 1920.
- East – undeveloped land since at least 1953.
- Southeast and South – undeveloped land from at least 1953 until the 1980s when several buildings were constructed. By 1999, several large rectangular buildings were constructed. By 2005, the majority of the buildings were demolished and two buildings remain.
- Southwest – developed with the current automobile service station since 1929.
- West – developed with the current South Park Mercantile Co. since 1891.

No RECs associated with the Subject Property were identified through review of historical information. Based on the assumed south-southeasterly groundwater flow direction, the automobile service station to the southwest across Highway 24 does not present a REC associated with the Subject Property.

- The review of environmental records identified two regulatory listings within the ASTM-specified approximate minimum search distances. Based on regulatory status, distance, and/or topographic location, the facility listings do not present RECs associated with the Subject Property.
- In accordance with the scope of work, no additional services were requested in conjunction with the Phase I ESA.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the 0.86-acre parcel located at Lots 7-16, Block 12 in Hartsel, Park County, Colorado, the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs associated with the Subject Property.

## **1.0 INTRODUCTION**

This report presents the results of the Phase I Environmental Site Assessment (ESA) conducted by Kumar & Associates, Inc. (K+A) for the purpose of identifying Recognized Environmental Conditions (RECs) associated with the 0.86-acre parcel located at Lots 7-16, Block 12 in Hartsel, Park County, Colorado, (including buildings and other fixtures and improvements located on the site at the time of the reconnaissance) referred to as the "Subject Property". A site vicinity diagram is included in the attachments as Figure 2, and references to documentation used to prepare this report are included in the applicable sections. Qualifications of the Environmental Professional are presented in Appendix F.

### **1.1 Scope of Services**

This Phase I ESA was performed in accordance with our proposal P-19-782, dated November 15, 2019, and executed by Paul Mattson, consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of the assessment is to identify RECs associated with the Subject Property and to satisfy one of the requirements to qualify for the innocent landowner defense to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability. ASTM E1527-13 defines the following terms as:

#### **Recognized Environmental Condition (REC)**

"the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not Recognized Environmental Conditions."

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

"a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

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

"a past release of any hazardous substances or petroleum products that has occurred associated with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

### **De Minimis Condition**

“a condition that generally does 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.”

This purpose was undertaken through user-provided information, regulatory database review, historical records review, interviews, including local government inquiries, as applicable, and a visual non-invasive reconnaissance of the Subject Property and adjoining sites. The nature and/or movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface at the site was not evaluated by obtaining samples and conducting laboratory analysis. It is possible that a sampling and analysis program or excavation of soil could change the conclusions presented in this report. Limitations, ASTM deviations, and significant data gaps (if identified) are evident from reviewing the applicable scope of services and the report text.

ASTM E1527-13 defines “migrate/migration” as “the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.” This report includes an evaluation of vapor migration associated with the Subject Property.

### **1.2 Limitations, ASTM Deviations, and Significant Data Gaps**

Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Consideration of such information is beyond the scope of this assessment. Information obtained for this Phase I ESA was received from several sources that are believed to be reliable; nonetheless, the authenticity or reliability of these sources cannot be and is not warranted hereunder. This Phase I ESA was further limited by the following:

- Specific boundaries of the Subject Property were not provided. References to the property boundaries are based on observations during the site reconnaissance, and the actual property boundaries may differ.
- Historical sources dating back to 1940 were not readily available for review. However, based on the undeveloped nature of the site, this is not considered a significant data gap.

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our findings, conclusions, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or

opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents K+A's service to the client as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based on current utilization of the Subject Property, information derived from the site reconnaissance, and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the reconnaissance and may subsequently become observable (such as after site renovation or development). Furthermore, these services are not to be construed as legal interpretation or advice. Client agrees that K+A has neither created nor contributed to the creation or existence of any possible hazardous substances or petroleum products at the Subject Property. Accordingly, the client hereby waives any claim, liability, or defense caused for injury or loss sustained by any party from such exposure allegedly arising out of or related to our findings, conclusions, or opinions.

### **1.3 Reliance**

This Phase I ESA report was prepared for the exclusive use and reliance of the client, South Park Ambulance District, which is a "user" of the ESA as defined by ASTM E1527-13. Use or reliance by any other party is prohibited without the written authorization of South Park Ambulance District and K+A.

Reliance on the Phase I ESA by the client and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, Phase I ESA report, and K+A's agreement for services. The limitation of liability defined in the agreement for services is the aggregate limit of K+A's liability to the client and all relying parties.

Continued viability of this report is subject to Sections 4.6 and 4.8 of ASTM E1527-13. If the Phase I ESA will be relied on by a user (third party) different than the one(s) for whom the Phase I ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

### **1.4 User Responsibilities and Provided Information**

The following information was requested from South Park Ambulance District representative Paul Mattson, the user of this ESA.

#### **1.4.1 User's Specialized Knowledge or Experience**

Mr. Mattson did not indicate to the Environmental Professional that he had information based on specialized knowledge or experiences that is material to RECs associated with the Subject Property.



#### 1.4.2 User's Actual Knowledge of Environmental Liens or Activity and Use Limitations

Mr. Mattson did not indicate to the Environmental Professional that he had actual knowledge of environmental liens or activity and use limitations (AULs) encumbering the Subject Property or associated with the Subject Property.

#### 1.4.3 Valuation Reduction for Environmental Issues

Mr. Mattson did not indicate to the Environmental Professional that there is a significantly lower purchase price or value of the Subject Property because of the presence of hazardous substances or petroleum products.

#### 1.4.4 Commonly Known or Reasonably Ascertainable Information

Mr. Mattson did not indicate to the Environmental Professional that he had commonly known or reasonably ascertainable information within the local community about the Subject Property that is material to RECs associated with the Subject Property.

#### 1.4.5 Obvious Indicators of Contamination

Mr. Mattson did not indicate to the Environmental Professional that he had information concerning obvious indicators of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products that is material to RECs associated with the Subject Property.

#### 1.4.6 Reason for Performing the Phase I ESA

Mr. Mattson indicated that the request to perform the Phase I ESA was to qualify for Landowner Liability Protection (LLP) to CERCLA liability and to understand potential environmental conditions that could materially impact the operation of a facility associated with the Subject Property.

### 2.0 PHYSICAL SETTING

K+A reviewed the current United States Geological Survey (USGS) 7.5-minute topographic map and other reasonably ascertainable physical setting sources to obtain information concerning the geologic, hydrogeologic, hydrologic, and topographic characteristic of the site. An excerpt of the topographic map reviewed as a source of the site's physical setting is included as Figure 1.

#### Physical Setting

Physical Setting of the Subject Property		Source
Site Address(s) or Location	Lots 7-16, Block 12, Hartsel, Park County, Colorado 80449	User Provided
Parcel Identification Number (s)	11096 and 31810	Park County Assessor's Records
Land Area	Approximately 0.86 acres	
Latitude / Longitude	North 39.021554, West 105.794662 (approximate center of the site)	Google Maps

### Physical Setting

Physical Setting of the Subject Property		Source
<b>Topography</b>		
<i>Location on Public Land Survey System (PLSS)</i>	Portion of the Southeast ¼, Northeast ¼, Section 8, Township 12 South, Range 75 West, 6 <sup>th</sup> Principal Meridian	USGS Topographic Map, Hartsel, Colorado Quadrangle Published 1956
<i>Elevation</i>	Approximately 8,817 feet above mean sea level (MSL) – National Geodetic Vertical Datum (NGVD)	
<i>Gradient</i>	Regional topography to the south-southeast towards the South Platte River	
<i>Closest Surface Water</i>	Easterly flowing South Platte River located approximately 400 feet southeast	
<b>Hydrogeology</b>		
<i>Hydrogeologic Gradient</i>	Mimics the surface topographic gradient to the south-southeast. However, groundwater flow direction is influenced by factors such as underground structures, seasonal fluctuations, and soil and bedrock properties. Intrusive measurement of groundwater flow is outside the scope of this Phase I ESA.	
<b>Geology</b>		
<i>Formation</i>	Bull Lake, Pinedale, and post-Pinedale Ages	Generalized Surficial Geologic Map of the Denver 1°x2° Quadrangle, Colorado 2001
<i>Description</i>	Outwash sand and gravel	
<b>Soil</b>		
<i>Type</i>	Hartbuckle fine sandy loam, 0 to 1 percent slopes	Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Accessed November 22, 2019.
<i>Description</i>	Highly decomposed plant material, fine sandy loam, extremely gravelly coarse sandy loam, extremely gravelly coarse sand.	

### 3.0 SUBJECT PROPERTY RECONNAISSANCE

This section of the report summarizes physically observed characteristics of the Subject Property identified during the site reconnaissance. The site and accessible interior areas of structures, if any, located on the Subject Property were visually observed to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. A site and vicinity diagram is included as Appendix A – Figure 2. Property reconnaissance photographs are provided in Appendix C.

#### 3.1 Subject Property Occupants and Operations

The Subject Property consists of approximately 0.86 acres of undeveloped property defined by US-24 and adjoining properties. Access to the Subject Property is located off US-24 on the southern border of the property.

### General Site Improvements

Property Reconnaissance Details	
<i>K+A Personnel</i>	Riley Houston
<i>Date</i>	December 10, 2019
<i>Site Escort</i>	None
<i>Weather Conditions</i>	Clear, 30° F
Site Improvements	
<i>Number of Structures</i>	None
<i>Potable Water</i>	Not Applicable
<i>Sewage Disposal</i>	
<i>Electricity</i>	IREA
<i>Natural Gas / Propane</i>	Not Applicable
<i>Roads / Driveways</i>	None
<i>Parking Lots</i>	
<i>Landscaping / Vegetation</i>	100%

### 3.2 Interior and Exterior Observations

Characteristics observed during the property reconnaissance or reported to K+A by persons knowledgeable of the current conditions of the Subject Property are indicated with an “X” in the following table. Characteristics not observed or reported are indicated with a “-”. Observed or reported characteristics are discussed in detail following the table.

#### Subject Property Characteristics

Subject Property Characteristic		Observed / Reported	De Minimis Condition	REC	HREC
Interior and Exterior	Emergency generators	-	-	-	-
	Aboveground storage tanks	-	-	-	-
	Underground storage tanks	-	-	-	-
	Drums or containers ≥ 5 gallons	-	-	-	-
	Pad-, pole-, or platform-mounted transformers	-	-	-	-
	Sumps, cisterns, or dry wells	-	-	-	-
	Waste or water treatment systems	-	-	-	-
	Trash, debris, or other waste materials	-	-	-	-
	Pools of liquid	-	-	-	-
	Strong, pungent, or noxious odors	-	-	-	-
	Other processes of equipment	-	-	-	-

### Subject Property Characteristics

Subject Property Characteristic		Observed / Reported	De Minimis Condition	REC	HREC
	Other hazardous substance or petroleum product containers	-	-	-	-
Interior	Elevators	-	-	-	-
	Air compressors	-	-	-	-
	Hydraulic lifts	-	-	-	-
	Dry cleaning	-	-	-	-
	Photo processing	-	-	-	-
	Laboratory hoods or incinerators	-	-	-	-
	Floor drains	-	-	-	-
	Stains or Corrosion	-	-	-	-
Exterior	Septic tanks or leach fields	-	-	-	-
	Oil/water separators	-	-	-	-
	Pipeline markers	-	-	-	-
	Stained soil or pavement	-	-	-	-
	Stressed vegetation	-	-	-	-
	Construction/demolition debris or dumped fill dirt	-	-	-	-
	Other dumping or disposal areas	-	-	-	-
	Surface water discoloration, odor, sheen, or free floating product	-	-	-	-
	Surface water bodies	-	-	-	-
	Quarries or pits	-	-	-	-
	Wells	-	-	-	-

### 3.3 Subject Property Reconnaissance Summary

The current site characteristics observed during the reconnaissance do not present a REC associated the Subject Property.

### 4.0 ADJOINING PROPERTIES AND SURROUNDING AREA

The area surrounding the site generally consists of residential and commercial properties. More specifically, properties adjoining the site are summarized in the following table.

#### Adjoining Properties

Direction	Identified Use	Address
Northwest ↖	School	88 Valley Avenue
North ↑	Residence	73 Midland Avenue

### Adjoining Properties

Direction	Identified Use	Address
Northeast ↗	Barn	74 Midland Avenue
East →	Undeveloped land	Not Applicable
Southeast ↘	US 24, followed by an apparent storage yard	12830 US-24
South ↓		
Southwest ↙	US-24, followed by the Shop in Hartsel	12800 US-24
West ←	South Park Mercantile Company	12787 US-24

The current adjoining land uses do not present a REC associated with the Subject Property.

## 5.0 HISTORICAL USE INFORMATION

The objective of reviewing historical sources of information is to develop a history of the previous uses of the Subject Property and adjoining sites, in order to help identify the likelihood of past uses having led to RECs associated with the Subject Property.

### 5.1 Historical Sources

K+A reviewed reasonably ascertainable historical sources with the objective of identifying obvious uses of the Subject Property and adjoining sites from the present, back to the Subject Property's first developed use, or back to 1940, whichever was earlier. Standard historical sources include: USGS topographic maps; aerial photographs; local street directories; fire insurance maps; property tax files; land title records; building department records; and zoning/land use records. If other historical sources were reviewed, information from those sources is presented in Section 5.1.9 – *Other Historical Sources*. Data failure may occur after completion of the review of historical use information, if all standard historical sources, that are reasonably ascertainable and likely to be useful, have been reviewed and all obvious uses of the Subject Property have not been identified at five-year intervals back to first use or 1940, whichever is earlier. If data failure represents a significant data gap, its impact on the ability of the Environmental Professional to identify RECs will be discussed in Section 5.2 – *Historical Use Summary*.

#### 5.1.1 USGS Topographic Maps

Reasonably ascertainable historical USGS topographic maps were reviewed to identify the likelihood of past uses having led to RECs associated with the Subject Property. The title, date, and scale of each map and a summary of the review are included in this section.

- Hartsel, Colorado: published 1956 from **1952 and 1953** aerial photographs (1:24,000)

### Historical USGS Topographic Maps

Direction	Identified Use
Site	⊕ Land with no buildings (1952/1953)
Northwest	↖ An irrigation ditch, followed by multiple small square buildings (1952/1953)
North	↑ An irrigation ditch, followed by two small square buildings (1952/1953)
Northeast	↗ An irrigation ditch, followed by one rectangular building (1952/1953)
East	→ Land with no buildings (1952/1953)
Southeast	↘ Highway 24, followed by land with no buildings (1952/1953)
South	↓ Highway 24, followed by land with no buildings (1952/1953)
Southwest	↙ Highway 24, followed by one small square building (1952/1953)
West	← An irrigation ditch, followed by multiple small square buildings (1952/1953)

#### 5.1.2 Aerial Photographs

Reasonably ascertainable historical aerial photographs obtained from the Colorado Aerial Photo Service (CAPS) and Google Earth (originally sourced by USGS, DigitalGlobe, and Google) were reviewed at approximate 5 to 10-year intervals to identify the likelihood of past uses having led to RECs associated with the Subject Property. Evaluation of the photographs may be limited by sufficient resolution to allow identification of development and activities of areas encompassing the Subject Property. The source and date of each photograph and a summary of the review are included in this section.

- USGS, July 7, 1953
- NASA, August 12, 1969
- NASA, September 16, 1972
- BLM, October 5, 1982
- USGS, September 8, 2015
- USGS, September 24, 1994
- USGS, September 13, 1999
- USDA, 2005
- USDA, 2009
- USDA, 2011
- USDA, 2013
- USDA, 2015

### Historical Aerial Photographs

Direction		Identified Use
Site	⊕	Apparent undeveloped land with an apparent irrigation ditch on the northern and western borders (1953, 1969, 1972, 1982, 1985, 1994, 1999, 2005, 2009, 2011, 2013, 2015)
Northwest	↖	Developed with a portion of the current school (1953, 1969, 1972, 1982, 1985, 1994, 1999) Developed with structures similar in size, footprint, and location as the current school (2005, 2009, 2011, 2013, 2015)
North	↑	Developed with a portion of the current residence (1953, 1969, 1972, 1982, 1985, 1994, 1999) Developed with the current residence (2005, 2009, 2011, 2013, 2015)
Northeast	↗	Developed with the current barn (1953, 1969, 1972, 1982, 1985, 1994, 1999, 2005, 2009, 2011, 2013, 2015)
East	→	Undeveloped land (1953, 1969, 1972, 1982, 1985, 1994, 1999, 2005, 2009, 2011, 2013, 2015)
Southeast	↘	A road, followed by undeveloped land (1953, 1969, 1972, 1982) A road, followed by two buildings (1985, 1994) A road, followed by multiple square buildings (1999) A road, followed by two buildings (2005, 2009, 2011, 2013, 2015)
South	↓	A road, followed by undeveloped land (1953, 1969, 1972, 1982) A road, followed by two buildings (1985, 1994) A road, followed by multiple square buildings (1999) A road, followed by two buildings (2005, 2009, 2011, 2013, 2015)
Southwest	↙	A road, followed by a structure similar in size, footprint, and location as the current building (1953, 1969, 1972, 1982, 1985, 1994, 1999, 2005, 2009, 2011, 2013, 2015)
West	←	Developed with structures similar in size, footprint, and location as the current buildings (1953, 1969) Developed with structures similar in size, footprint, and location as the current buildings and an additional square building in the current parking lot area (1972) Developed with structures similar in size, footprint, and location as the current buildings and the current parking lot area; the previous square building is no longer present (1982) Developed with structures similar in size, footprint, and location as the current buildings and the current parking lot area (1985, 1999, 2005, 2009, 2011, 2013, 2015)

#### 5.1.3 Local Street Directories

Historical street directories, published by various companies and provided by the GeoSearch, were reviewed for this Phase I ESA. Selected years were reviewed at approximate five-year intervals, if the information is practically reviewable from the street directory source. Coverage for Hartsel was not available prior to 2002.

Historical Street Directories

Direction	Identified Use
Site $\oplus$	No Listings
Northwest $\nwarrow$	<p><b>86 Valley Avenue</b>                      No Listing (2002)                      Hartsel Community Library (2008-2019)                      Hartsel Fire Protection District (2008)                      Hartsel Fire Protection District (2019)</p> <p><b>90 Valley Avenue</b>                      Hartsel Fire Protection District (2002)                      No Listing (2008)                      Hartsel Fire Protection District (2014)                      No Listing (2019)</p> <p><b>96 Valley Avenue</b>                      Christy D &amp; M (2002)                      Hartsel Community Library (2002)                      No Listing (2008-2019)</p> <p><b>96 ½ Valley Avenue</b>                      No Listing (2002)                      Mid Mountain Signs (2008)                      Jacobus Rebecca (2008)                      No Listing (2014-2019)</p> <p><b>87 Valley Avenue</b>                      Residential (2002)</p> <p><b>89 Valley Avenue</b>                      Land's Excavating (2002-2008)</p> <p><b>99 Valley Avenue</b>                      Hutcheson J (2002)                      No Listing (2008)                      Hutcheson Jack Jr (2014-2019)                      South Park LLC (2014-2019)                      McClure Christopher (2019)</p> <p><b>99 Valley Drive</b>                      No Listing (2002)                      South Park Telephone (2008-2014)</p>
North $\uparrow$	<p><b>73 Midland Avenue</b>                      Residential (2002, 2008)</p> <p><b>89 Midland Avenue</b>                      Residential (2002, 2008)</p> <p><b>123 Midland Avenue</b>                      Residential (2002, 2008)</p> <p><b>147 Midland Avenue</b>                      Residential (2002)</p> <p><b>150 Midland Avenue</b>                      Residential (2002)</p>
Northeast $\nearrow$	<p><b>12957 US 24</b>                      Transportation Department (2002-2014)                      No Listing (2019)</p>



**Historical Street Directories**

Direction	Identified Use
<i>East</i> →	No Listings
<i>Southeast</i> ↘	<b>12830 US 24</b> Residential (2014)
<i>South</i> ↓	<b>12900 US 24</b> No Listing (2002) Hide A Way (2008) No Listing (2014-2019)
<i>Southwest</i> ↙	No Listings
<i>West</i> ←	<b>12799 US 24</b> H O B Cafe & Saloon (2002-2008) No Listing (2014-2019) <b>12788 US 24</b> Shop At Hartsel (2002) No Listing (2008-2019) <b>12787 US 24</b> South Park Liquor Store (2002-2014) No Listing (2019) <b>12781 US 24</b> Dorothy's Homemade Tamales (2002) No Listing (2008-2019) <b>12779 US 24</b> No Listing (2002-2008) Highline Cafe & Saloon (2014) No Listing (2019) <b>12771 US 24</b> No Listing (2002) Dorothy's Homemade Tamales (2008-2014) Country Store Of Hartsel (2014-2019) <b>12651 US 24</b> Colorado Ranch Brokers (2002) Bayou Salado Trading Post (2008) No Listing (2014) Heffelman Jamie (2019) Wands Thomas (2019) <b>12561 US 24</b> Bayou Salado Trading Post (2002) No Listing (2008) Bayou Salado Trading Post (2014-2019) <b>12551 US 24</b> Badger Basin Country Store (2002-2019)

**5.1.4 Fire Insurance Maps**

Denver Public Library’s database of historical fire insurance maps produced by the Sanborn Map Company was searched to identify the likelihood of past uses having led to RECs associated with the Subject Property. A summary of the review is included in the following table.

**5.1.5 Property Tax Files**

Based on a review of information obtained from Park County Assessor's records, the Subject Property is currently owned by Ronald W. Mullins.

**5.1.6 Land Title Records**

K+A was not contracted to obtain a chain of title for the Subject Property and was not provided one by the user. Therefore, review of recorded land title records was not included as part of the scope of services for this Phase I ESA.

**5.1.7 Building Department Records**

Records obtained from the Park County Assessor were reviewed for information concerning improvements to the Subject Property and adjoining properties.

**Building Department Records**

Direction		Current Building Description	Year Built	Use / Notes
Site	⊕	Undeveloped land	N/A	N/A
Northwest	↖	Fire Station School Library Pavilions	1982 1935 1956 2012	Commercial – Fire Station Commercial - School Commercial – Library Commercial - Pavilions
North	↑	73 Midland Avenue	1934	Single Family Residential
Northeast	↗	74 Midland Avenue	1920	Barn
East	→	Undeveloped land	N/A	N/A
Southeast	↘	12830 Highway 24	1984	Commercial – Office Building
South	↓			
Southwest	↙	12800 Highway 24	1929	Service Garage
West	←	12787 Highway 24	1891	Commercial - Retail Store
		72 Valley Avenue	1901	Single Family Residential

**5.1.8 Other Historical Sources**

**Historical Interviews**

K+A interviewed Mr. Paul Mattson regarding the historical use of the Subject Property. According to Mr. Mattson, the Subject Property has always been undeveloped land. Mr. Mattson was unaware of any environmental issues associated with the Subject Property or adjoining properties.

**5.2 Historical Use Summary**

The following summary is based on a review of historical information.

- Subject Property

- Undeveloped land since at least 1953.
- Northwest
  - Developed with a school since at least 1935.
- North
  - Developed with a residence since at least 1934.
- Northeast
  - Developed with a barn since at least 1920.
- East
  - Undeveloped land since at least 1953.
- Southeast and South
  - Undeveloped land from at least 1953 until the 1980s when several buildings were constructed. By 1999, several large rectangular buildings were constructed. By 2005, the majority of the buildings were demolished and two buildings remain.
- Southwest
  - Developed with the current automobile service station since 1929.
- West
  - Developed with the current South Park Mercantile Co. since 1891.

No RECs associated with the Subject Property were identified through review of historical information. Based on the assumed south-southeasterly groundwater flow direction, the automobile service station to the southwest across Highway 24 does not present a REC associated with the Subject Property.

## **6.0 ENVIRONMENTAL REGULATORY RECORDS**

GeoSearch of Austin, Texas, provided primary regulatory database information. If supplemental information was obtained from others sources, those sources will be described in the text of the following sections. The information described in this report is subject to the accuracy of the data provided by GeoSearch and other sources, which depends significantly on the date at which time the information was updated by applicable regulatory agencies. Because of the inability of the database provider to geographically locate properties due to inadequate addresses, information concerning facilities identified in the orphan summary of the database report may not be practically reviewable.

When used to describe a listed facility's location, the terms upgradient, cross-gradient, and downgradient refer to the topographic gradient of the listed facility in relation to the site. It is generally assumed that groundwater mimics the surface topographic gradient. However, groundwater flow direction is influenced by factors such as underground structures, seasonal fluctuations, and soil and bedrock properties. Others factors that affect groundwater flow direction relative to the site (e.g. subsurface parallel flow, hydrogeologic barrier), may be described in Section 6.1 – *Federal, State, and Tribal Databases*.

**6.1 Federal, State, and Tribal Databases**

Facility listings identified on federal, state, or tribal databases within the ASTM-specified approximate minimum search distances are listed below. Database descriptions, sources, regulatory agency information, and reporting frequency are included in the database report presented in Appendix D.

**Standard Environmental Record Sources**

Database	Description	Search Distance* (miles)	Number of Listings
<b>Federal</b>			
<i>NPL</i>	National Priority List – The United States Environmental Protection Agency (US EPA) list of hazardous waste sites eligible for long-term remedial action financed under the federal Superfund program. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation.	1.0	0
<i>Delisted NPL</i>	Sites deleted from the NPL based on criteria established by the National Oil and Hazardous Substances Pollution Contingency Plan (NCP)	0.5	0
<i>CERCLIS</i>	Comprehensive Environmental Response, Compensation, and Liability Information System – US EPA list of potentially hazardous waste sites that are either on, proposed to, or being assessed for inclusion on the NPL	0.5	0
<i>CERCLIS NFRAP</i>	CERCLA sites that have been assessed with no further remedial action planned and determined not to be a potential NPL site	0.5	0
<i>RCRA CORRACTS</i>	Resource Conservation and Recovery Act – US EPA list of hazardous waste handlers with RCRA corrective action activity	1.0	0
<i>RCRA Non-CORRACTS TSD</i>	Sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA	0.5	0
<i>RCRA Generators</i>	Generators are listed as either large (LQG – generate ≥1,000 kg/month of non-acutely hazardous waste or ≥1 kg/month of acutely hazardous waste), small (SQG – generate 100-1,000 kg/month of non-acutely hazardous waste), or conditionally exempt (CESQG – generate <100 kg/month of non-acutely hazardous waste or <1 kg/month of acutely hazardous waste).	Site and adjoining properties	0
<i>IC / EC</i>	Institutional controls or engineering controls – US EPA list of sites with various forms of IC (e.g. groundwater use, construction, deed, or property use restrictions, post remediation care requirements) or EC (e.g. caps, building foundations, liners, or treatment methods to create pathway elimination for regulated substances to enter environmental media) in place	Site Only	0
<i>ERNS</i>	Emergency Response Notification System – National Response Center list of reported releases of oil and hazardous substances	Site Only	0
<b>State and/or Tribal</b>			

**Standard Environmental Record Sources**

<b>Database</b>	<b>Description</b>	<b>Search Distance* (miles)</b>	<b>Number of Listings</b>
<i>NPL</i>	State-equivalent and/or tribal-equivalent list of NPL sites	1.0	0
<i>CERCLIS</i>	State-equivalent and/or tribal-equivalent list of CERCLIS sites	0.5	0
<i>SWF / LF</i>	Solid waste facilities and landfills – Colorado Department of Public Health and Environment (CDPHE) and/or tribal list of disposal sites, which may include active or inactive facilities or open dumps that failed to meet RCRA Subtitle D criteria	0.5	1
<i>LST</i>	Leaking storage tank – Colorado Department of Labor and Employment (CDLE) Division of Oil and Public Safety (OPS) and/or tribal list of leaking underground storage tank (LUST) or leaking aboveground storage tank (LAST) sites	0.5	1
<i>RST</i>	Regulated storage tank – OPS and/or tribal list of regulated underground storage tank (UST) or aboveground storage tank (AST) sites	Site and adjoining properties	0
<i>IC / EC</i>	CDPHE and/or tribal-equivalent list of IC / EC sites	Site Only	0
<i>VCP</i>	Voluntary Cleanup Program – CDPHE and/or tribal-equivalent list of sites in programs that encourage voluntary cleanup and determine cleanup responsibilities in planning the reuse of property	0.5	0
<i>Brownfields</i>	US EPA list of sites addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments	0.5	0

\* – Approximate minimum search distance measured from the nearest site boundary

In addition to the previously described ASTM-specified standard environmental record sources and search distances, K+A reviewed other federal, state/tribal, local, and proprietary databases. A list of the additional reviewed databases is included in the database report presented in Appendix D.

Information presented in the database report and/or otherwise obtained by K+A for select listings within 1,000 feet of the Subject Property is included in the following table.

**Facility Listings**

<b>Site Name and Location</b>	<b>Estimated Distance / Direction / Gradient</b>	<b>Database Listing</b>	<b>De Minimis Condition</b>	<b>REC</b>	<b>HREC</b>
CDOT Hartsel State Highway 24 MP 239.30	175 feet / northeast / cross-gradient	LST, SWF	-	-	-

Based on regulatory status, distance, and topographic location, the facility listings do not present RECs associated with the Subject Property.

## **6.2 Additional Environmental Record Sources**

To enhance and supplement the previously described standard environmental record sources, local and/or additional state/tribal records were reviewed when such additional records are reasonably ascertainable, sufficiently useful, accurate, and complete.

### **6.2.1 Oil and Gas Development**

Records from the Colorado Oil and Gas Conservation Commission (COGCC) were reviewed to determine if oil or gas development has occurred near the Subject Property. According to COGCC records, no permits for oil or gas wells or production equipment have been issued for the Subject Property or adjoining properties.

### **6.2.2 Health Department / Environmental Division**

Due to the lack of address, a records request was not submitted.

### **6.2.3 Fire Department**

Due to the lack of address, a records request was not submitted.

## **6.3 Regulatory Records Summary**

The review of environmental records identified two regulatory listings within the ASTM-specified approximate minimum search distances. Based on regulatory status, distance, and/or topographic location, the facility listings do not present RECs associated with the Subject Property.

## **7.0 ADDITIONAL SERVICES**

In accordance with the scope of work, no additional services were requested in conjunction with the Phase I ESA.

## **8.0 FINDINGS AND CONCLUSIONS**

K+A has performed a Phase I ESA in accordance with our proposal No. P-19-782, dated November 15, 2019, consistent with the procedures included in United States EPA, *All Appropriate Inquiries Final Rule*, 40 CFR Part 312 (AAI) and ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The Phase I ESA was prepared for the benefit of South Park Ambulance District, which is a “user” of the ESA as defined by ASTM E1527-13. The Phase I ESA was conducted under the supervision or responsible charge of Riley Houston, Environmental Professional. Riley Houston performed the property reconnaissance on December 10, 2019.

A summary of the findings of the Phase I ESA is provided below. Details of the assessment of the Subject Property have not been included or fully developed in this summary, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The purpose of the assessment was to identify RECs associated with the 0.86-parcel located at Lots 7-16, Block 12 in Hartsel, Park County, Colorado, (including buildings and other fixtures and improvements located on the site at the time of the reconnaissance) hereafter referred to as the “Subject Property”.
- The Subject Property consists of approximately 0.86 acres of undeveloped property defined by US-24 and adjoining properties. Access to the Subject Property is located off US-24 on the southern border of the property.
- No RECs were identified through assessment of the current site characteristics observed during the Subject Property reconnaissance.
- The Subject Property is bordered by the following adjoining properties:
  - Northwest – school
  - North – residence
  - Northeast – barn
  - East – undeveloped land
  - Southeast and South – Highway 24, followed by an apparent storage yard
  - Southwest – Highway 24, followed by the Shop in Hartsel
  - West – South Park Mercantile Co.

The current adjoining land uses do not present a REC associated with the Subject Property.

- The following summary is based on a review of historical information.
  - Subject Property – undeveloped land since at least 1953.
  - Northwest – developed with a school since at least 1935.
  - North – developed with a residence since at least 1934.
  - Northeast – developed with a barn since at least 1920.
  - East – undeveloped land since at least 1953.
  - Southeast and South – undeveloped land from at least 1953 until the 1980s when several buildings were constructed. By 1999, several large rectangular buildings were constructed. By 2005, the majority of the buildings were demolished and two buildings remain.
  - Southwest – developed with the current automobile service station since 1929.
  - West – developed with the current South Park Mercantile Co. since 1891.

No RECs associated with the Subject Property were identified through review of historical information. Based on the assumed south-southeasterly groundwater flow direction, the automobile service station to the southwest across Highway 24 does not present a REC associated with the Subject Property.

- The review of environmental records identified two regulatory listings within the ASTM-specified approximate minimum search distances. Based on regulatory status, distance, and/or topographic location, the facility listings do not present RECs associated with the Subject Property.
- In accordance with the scope of work, no additional services were requested in conjunction with the Phase I ESA.

## **9.0 OPINION**

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the 0.86-acre parcel located at Lots 7-16, Block 12 in Hartsel, Park County, Colorado, the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs associated with the Subject Property.

## **10.0 ENVIRONMENTAL PROFESSIONAL STATEMENT**

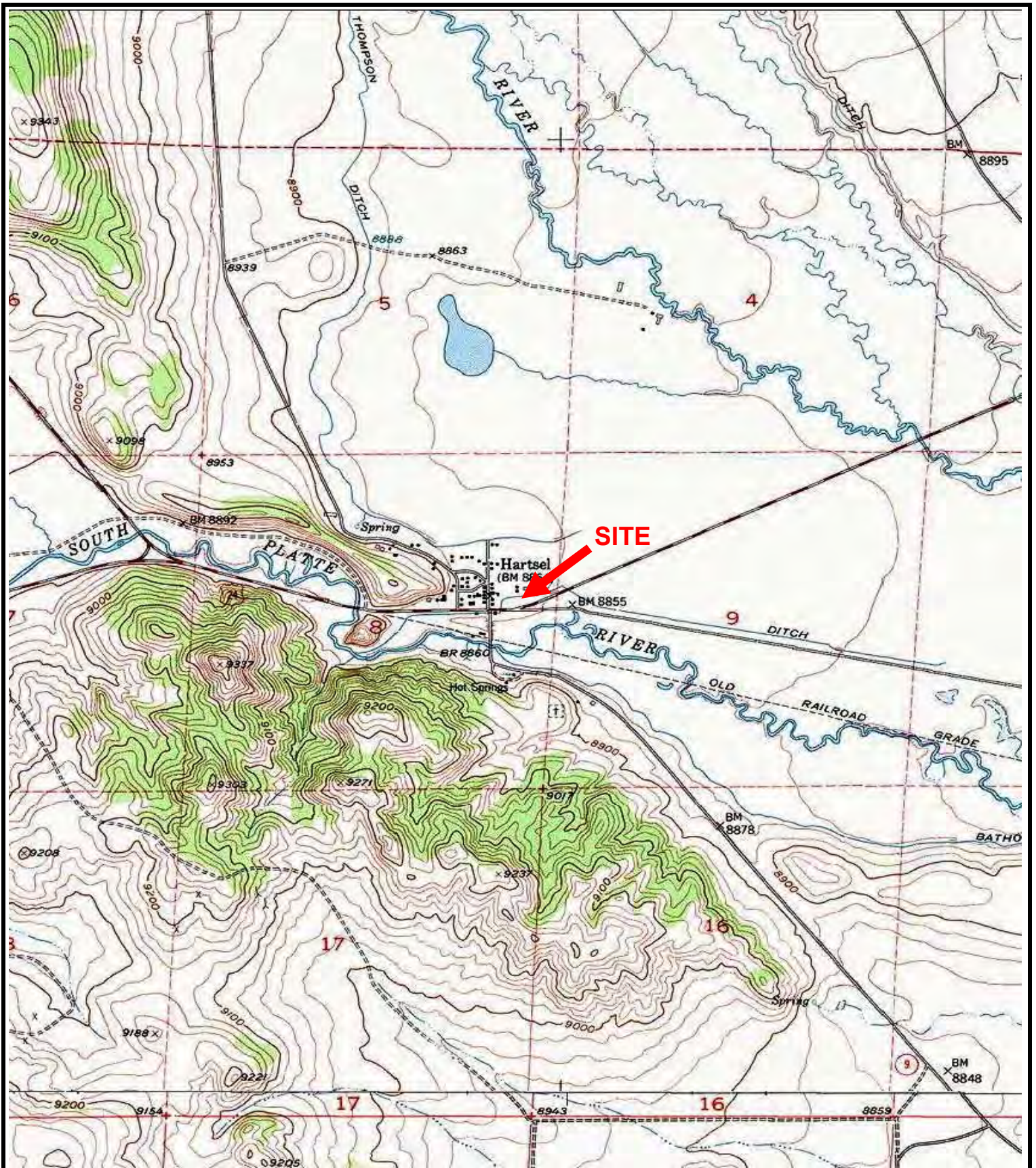
I, Riley Houston, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

RH/js

cc: book, file



**APPENDIX A**  
**FIGURES**



USGS 7.5-Minute Series Topographic Map  
 Hartsel, Colorado Quadrangle  
 Published: 1956 Scale: 1"=2,000'



NORTH

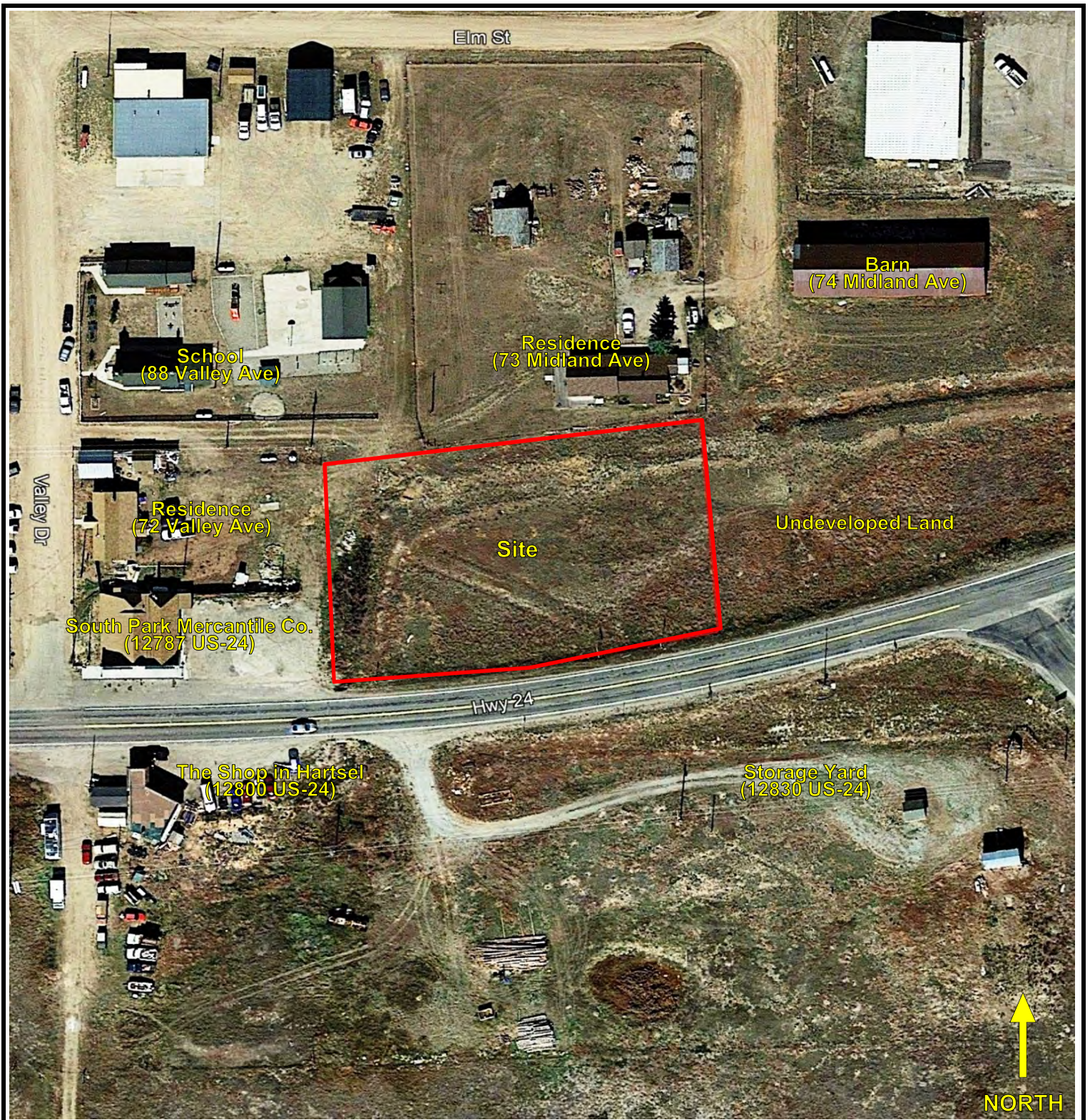
0.86-Acre Parcel  
 Lots 7-16, Block 12, Hartsel, Park County, Colorado

Appendix A - Figure 1

Kumar & Associates Project No. 19-1-754

Topographic Map





<p>..... Approximate Site Boundary</p>	<p>Source: Google Earth (Google)</p> <p>Image Date:                      Scale: October 14, 2017                      1" ≈ 90'</p> <p>The base aerial photograph depicts conditions at the time the image was recorded; which may differ from conditions at the time of the site reconnaissance.</p>
<p>0.86-Acre Parcel Lots 7-16, Block 12, Hartsel, Park County, Colorado</p> <p>Kumar &amp; Associates Project No. 19-1-754</p>	<p>Appendix A - Figure 2</p> <p>Site and Vicinity Diagram</p>



**APPENDIX B**  
**HISTORICAL DOCUMENTATION**

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## ***Historical Aerial Photographs***

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[NEW: GeoLens by Geosearch](#)

*Target Property:*

***0.86-Acre Parcel***

***Hartsel, Park, Colorado 80440***

*Prepared For:*

***Kumar & Associates-Denver***

**Order #: 136287**

**Job #: 325576**

**Project #: 19-1-754**

**Date: 12/3/2019**

## Target Property Summary

**0.86-Acre Parcel**

**Hartsel, Park, Colorado 80440**

USGS Quadrangle: **Hartsel**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-105.795300304, 39.021306014), (-105.795302986, 39.021708194), (-105.795037447, 39.021762374),  
(-105.794723629, 39.021793631), (-105.794439315, 39.021829056), (-105.794404446, 39.021410206),  
(-105.794879197, 39.021333104)

## Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
2015	USDA	1" = 500'	N/A
2013	USDA	1" = 500'	N/A
2011	USDA	1" = 500'	N/A
2009	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
09/13/1999	USGS	1" = 500'	N/A
09/24/1994	USGS	1" = 500'	6680-137
09/08/1985	USGS	1" = 500'	571-140
10/05/1982	BLM	1" = 500'	11-38-21
09/16/1972	NASA	1" = 500'	32-299
08/12/1969	NASA	1" = 500'	12-30
07/07/1953	USGS	1" = 500'	2-36

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0 500  
feet



0.86-Acre Parcel  
USDA  
2015

GeoSearch





0.86-Acre Parcel  
USDA  
2013

**GeoSearch**





0.86-Acre Parcel  
USDA  
2011

GeoSearch





0.86-Acre Parcel  
USDA  
2009

**GeoSearch**





0.86-Acre Parcel  
USDA  
2005

GeoSearch





0 500  
feet



0.86-Acre Parcel  
USGS  
09/13/1999

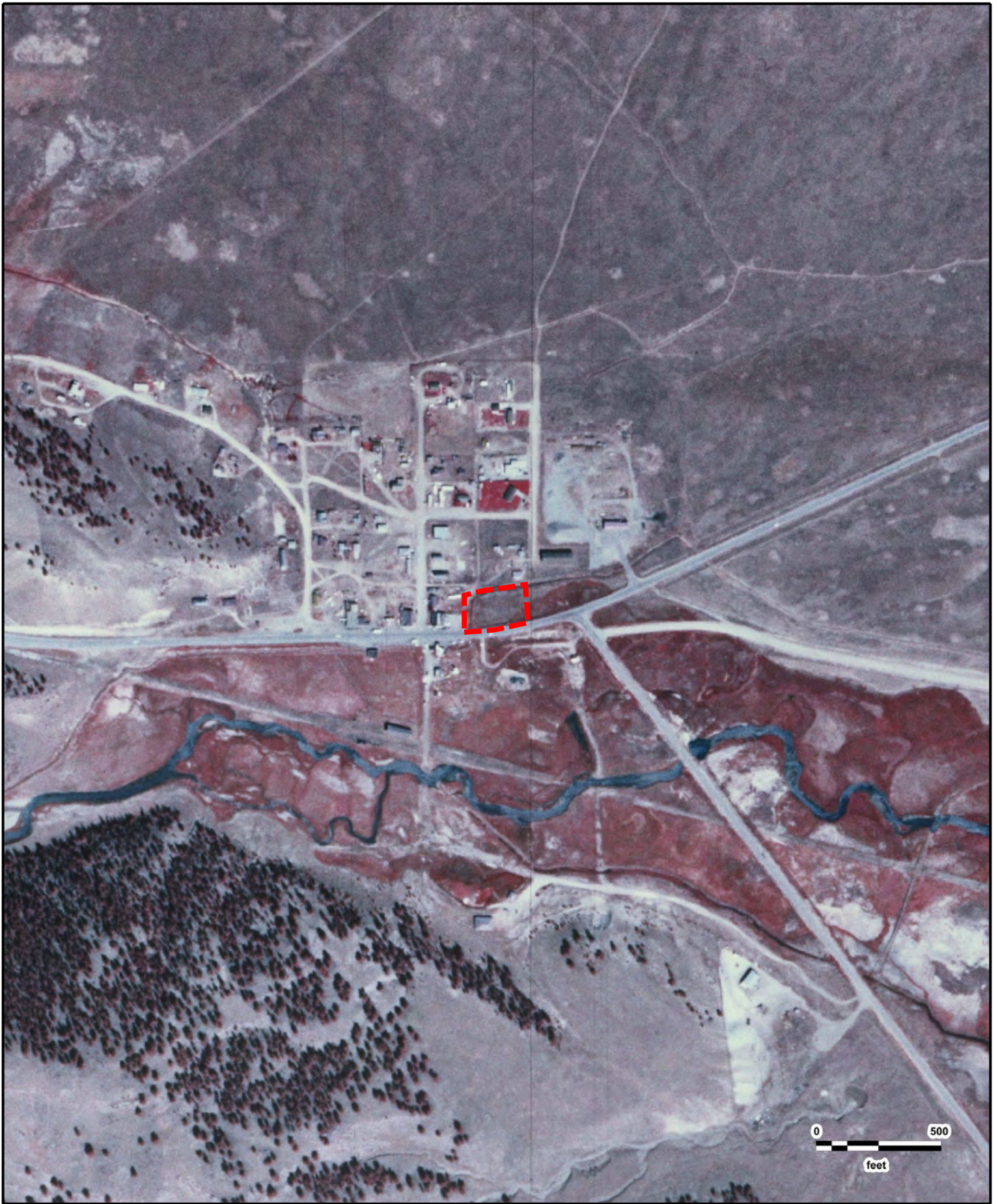
GeoSearch



0.86-Acre Parcel  
USGS  
09/24/1994

**GeoSearch**





0.86-Acre Parcel  
USGS  
09/08/1985

**GeoSearch**





0 500  
feet



0.86-Acre Parcel  
BLM  
10/05/1982

GeoSearch

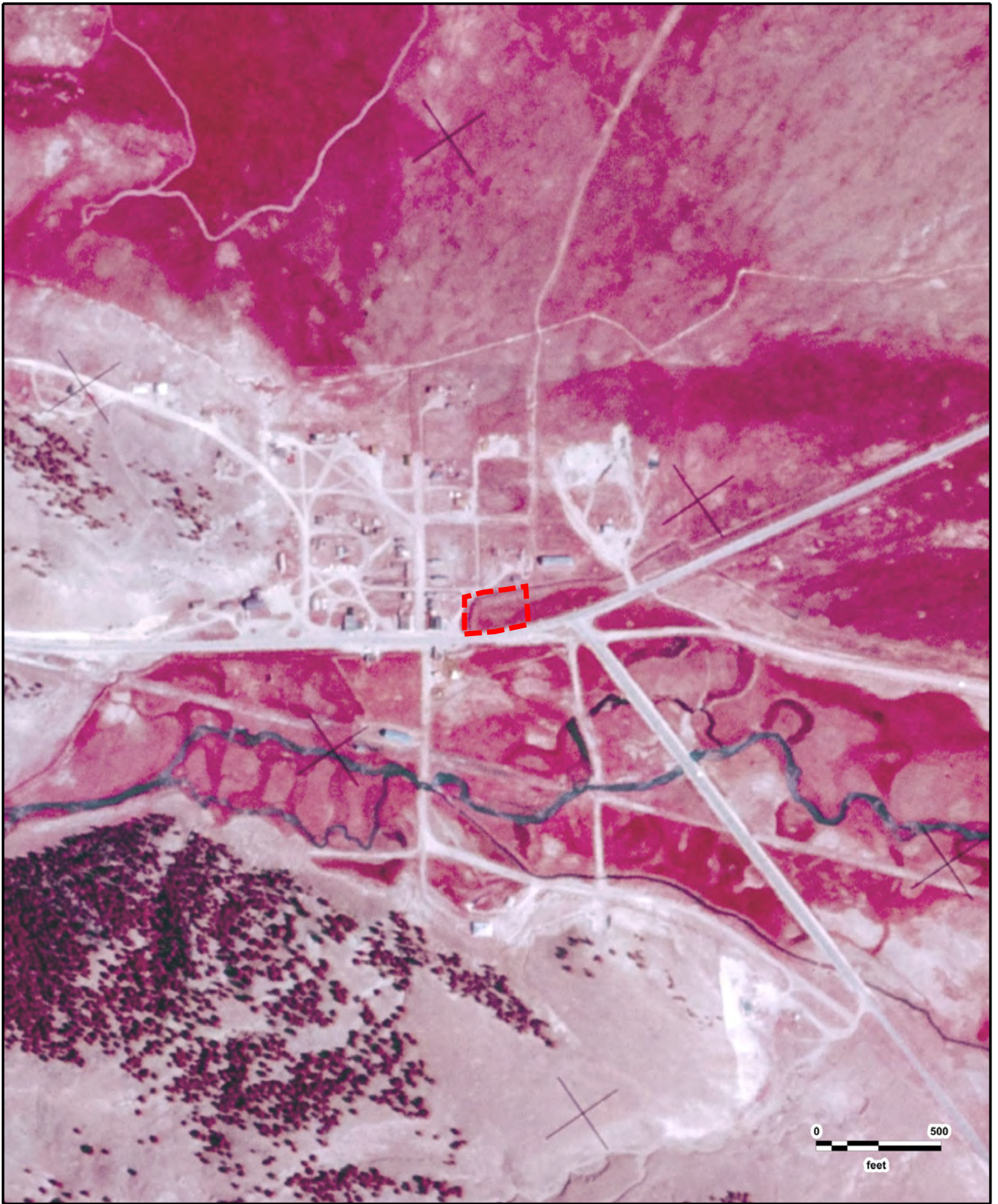




0.86-Acre Parcel  
NASA  
09/16/1972

GeoSearch





*0.86-Acre Parcel*  
**NASA**  
*08/12/1969*

**GeoSearch**





0.86-Acre Parcel  
USGS  
07/07/1953

**GeoSearch**



### Phase I Environmental Site Assessment Interview

These questions are to obtain background information on the Subject Property. Please answer the following questions to the best of your ability.

Date: 11/30/2019	
Subject Property Address: No current address	
Interviewee Name: Paul Mattson	
Telephone: 719-839-1601 (cell)	
Association with Subject Property: Purchaser	
1. How long have you been associated with the Subject Property? 3 months	
2. What is the current use of the Subject Property? Vacant land	
3. What is the past uses of the Subject Property? After speaking with long-term resident of the area the land has always been vacant.	
4. What are the current and historical uses of the adjoining properties?	
Current	Historical
North: NE: residential NW: Community center	NW: One room school house. Narrow gauge railroad tracks ran along North boundary
East: Vacant land	Vacant land
South: Highway	Road changed to highway
West: Commercial bldg. parking lot	Commercial bldg, general merchandise, RR grade
5. Describe any current and former structures on the Subject Property and uses. No known previous structures	
6. Who are the current utility providers (water, sewer, electricity, natural gas, etc.)? No water, sewer or natural gas. Electricity is IREA	

7. Are there current or historical uses of hazardous substances or petroleum products on the Subject Property? No

8. Are there current or historical aboveground or underground storage tanks on the Subject Property? No

9. Are you aware of any environmental issues associated with the Subject Property or adjoining properties? No

10. Are there any artificial fill areas on the Subject Property? No

11. Are you aware of any previous environmental reports associated with the Subject Property? No

Signed:



Date:

11/30/2019

Title:

Chief, South Park Ambulance District

**APPENDIX C**  
**PROPERTY RECONNAISSANCE PHOTOGRAPHS**





View along the northern border of the subject site, shared with a school and residence. View to the east.



View along the eastern border of the subject site, shared with undeveloped land. View to the south.



View along the southern border of the subject site, shared with Highway 24. View to the west.



View along the western border of the subject site, shared with South Park Mercantile and a residence. View to the south.



View of typical site conditions. View to the northeast.



View of typical site conditions. View to the east.





View of northwesterly adjoining school. View to the northwest.



View of northerly adjoining residence. View to the northeast.



View of northeasterly adjoining barn. View to the northeast.



View of easterly adjoining undeveloped land. View to the east.



View of the southeasterly and southerly adjoining storage yard. View to the southeast.



View of southwesterly adjoining the Shop in Hartsel. View to the southwest.

**APPENDIX D**  
**REGULATORY DATABASE INFORMATION**

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## **Radius Report**

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[GeoLens by GeoSearch](#)

*Target Property:*  
**0.86-Acre Parcel**  
**Hartsel, Park County, Colorado 80440**

*Prepared For:*  
**Kumar & Associates-Denver**

**Order #: 136287**  
**Job #: 325574**  
**Project #: 19-1-754**  
**Date: 11/26/2019**

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## Disclaimer

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*This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR Â§312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFRÂ§312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.*

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## Target Property Summary

### **Target Property Information**

*0.86-Acre Parcel*

*Hartsel, Colorado 80440*

#### **Coordinates**

*Area centroid (-105.79485, 39.0215603)*

*8,860 feet above sea level*

#### **USGS Quadrangle**

*Hartsel, CO*

### **Geographic Coverage Information**

**County/Parish:** Park (CO)

#### **ZipCode(s):**

Fairplay CO: 80440

Hartsel CO: 80449

Guffey CO: 80820

## Database Summary

### **FEDERAL LISTING**

#### **Standard Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
EMERGENCY RESPONSE NOTIFICATION SYSTEM	<a href="#">ERNSCO</a>	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	<a href="#">EC</a>	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	<a href="#">LUCIS</a>	0	0	TP/AP
RCRA SITES WITH CONTROLS	<a href="#">RCRASC</a>	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	<a href="#">RCRAGR08</a>	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	<a href="#">RCRANGR08</a>	1	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	<a href="#">BF</a>	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	<a href="#">DNPL</a>	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	<a href="#">NLRRCRAT</a>	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	<a href="#">RCRAT</a>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	<a href="#">SEMS</a>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	<a href="#">SEMSARCH</a>	0	0	0.5000
NATIONAL PRIORITIES LIST	<a href="#">NPL</a>	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	<a href="#">NLRRCRAC</a>	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	<a href="#">PNPL</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	<a href="#">RCRAC</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	<a href="#">RCRASUBC</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>1</b>	<b>0</b>	

#### **Additional Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	<a href="#">AIRSAFS</a>	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	<a href="#">BRS</a>	0	0	TP/AP
CERCLIS LIENS	<a href="#">SFLIENS</a>	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	<a href="#">CDL</a>	0	0	TP/AP
EPA DOCKET DATA	<a href="#">DOCKETS</a>	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	<a href="#">ECHOR08</a>	0	0	TP/AP
FACILITY REGISTRY SYSTEM	<a href="#">FRSCO</a>	0	0	TP/AP



## Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	<a href="#">HMIRSR08</a>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	<a href="#">ICIS</a>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">ICISNPDES</a>	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	<a href="#">MLTS</a>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">NPDESR08</a>	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	<a href="#">PADS</a>	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	<a href="#">PCSR08</a>	0	0	TP/AP
SEMS LIEN ON PROPERTY	<a href="#">SEMSLIENS</a>	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	<a href="#">SSTS</a>	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	<a href="#">TSCA</a>	0	0	TP/AP
TOXICS RELEASE INVENTORY	<a href="#">TRI</a>	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	<a href="#">ALTFUELS</a>	0	0	0.2500
FEMA OWNED STORAGE TANKS	<a href="#">FEMAUST</a>	0	0	0.2500
HISTORICAL GAS STATIONS	<a href="#">HISTPST</a>	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	<a href="#">ICISCLEANERS</a>	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	<a href="#">MSHA</a>	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	<a href="#">MRDS</a>	1	0	0.2500
OPEN DUMP INVENTORY	<a href="#">ODI</a>	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	<a href="#">SMCRA</a>	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	<a href="#">USUMTRCA</a>	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	<a href="#">DOD</a>	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	<a href="#">NMS</a>	0	0	1.0000
FORMERLY USED DEFENSE SITES	<a href="#">FUDS</a>	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	<a href="#">FUSRAP</a>	0	0	1.0000
RECORD OF DECISION SYSTEM	<a href="#">RODS</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>1</b>	<b>0</b>	

## Database Summary

### STATE (CO) LISTING

#### Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
ENVIRONMENTAL REAL COVENANTS LIST	<a href="#">COVENANTS</a>	0	0	TP/AP
HAZARDOUS WASTE SITES- GENERATOR	<a href="#">HWSG</a>	0	0	0.1250
ABOVEGROUND STORAGE TANK FACILITIES	<a href="#">AST</a>	1	0	0.2500
UNDERGROUND STORAGE TANK FACILITIES	<a href="#">UST</a>	2	0	0.2500
HISTORICAL SOLID WASTE LANDFILLS	<a href="#">HISTSWLF</a>	0	0	0.5000
LEAKING STORAGE TANK FACILITIES	<a href="#">LST</a>	1	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS TRUST FUND SITES	<a href="#">LUSTTRUST</a>	0	0	0.5000
SOLID WASTE FACILITIES	<a href="#">SWF</a>	1	0	0.5000
VOLUNTARY CLEANUP AND REDEVELOPMENT PROGRAM SITES	<a href="#">VCRA</a>	0	0	0.5000
HAZARDOUS WASTE SITES- CORRECTIVE ACTION	<a href="#">HWSCA</a>	0	0	1.0000
SUPERFUND SITES	<a href="#">SF</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>5</b>	<b>0</b>	

#### Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
ASBESTOS ABATEMENT AND DEMOLITION PROJECTS	<a href="#">ASBESTOS</a>	0	0	TP/AP
COLORADO DISCHARGE PERMIT SYSTEM FACILITIES	<a href="#">CDPS</a>	0	0	TP/AP
SPILLS LISTING	<a href="#">SPILLS</a>	0	0	TP/AP
DRY CLEANING FACILITIES	<a href="#">CLEANERS</a>	0	0	0.2500
AIR POLLUTION CONTROL DIVISION PERMITTED FACILITIES	<a href="#">APCDP</a>	0	0	0.5000
HAZARDOUS WASTE SITES- TREATMENT, STORAGE & DISPOSAL	<a href="#">HWSTSD</a>	0	0	0.5000
METHANE GAS STUDY SITES	<a href="#">METHANESITES</a>	0	0	0.5000
URANIUM MILL TAILINGS SITES	<a href="#">UMTS</a>	0	0	0.5000
<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	

## Database Summary

### **TRIBAL LISTING**

#### **Standard Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">USTR08</a>	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">LUSTR08</a>	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	<a href="#">ODINDIAN</a>	0	0	0.5000

SUB-TOTAL		0	0	
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#### **Additional Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
INDIAN RESERVATIONS	<a href="#">INDIANRES</a>	0	0	1.0000

SUB-TOTAL		0	0	
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TOTAL		7	0	
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## Database Radius Summary

### FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
<b>EC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ECHOR08	0.0200	0	NS	NS	NS	NS	NS	0
<b>ERNSCO</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
FRSCO	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR08	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
<b>LUCIS</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES08	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR08	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRASC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRAGR08</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>RCRANGR08</b>	<b>0.1250</b>	<b>0</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	1	NS	NS	NS	1
MSHA	0.2500	0	0	0	NS	NS	NS	0
<b>BF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>DNPL</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>NLRRCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ODI	0.5000	0	0	0	0	NS	NS	0
<b>RCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>

## Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<b>SEMS</b>	0.5000	0	0	0	0	NS	NS	0
<b>SEMSARCH</b>	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
<b>NLRRCRAC</b>	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
<b>NPL</b>	1.0000	0	0	0	0	0	NS	0
<b>PNPL</b>	1.0000	0	0	0	0	0	NS	0
<b>RCRAC</b>	1.0000	0	0	0	0	0	NS	0
<b>RCRASUBC</b>	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
<b>SUB-TOTAL</b>		0	1	1	0	0	0	2



## Database Radius Summary

### STATE (CO) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ASBESTOS	0.0200	0	NS	NS	NS	NS	NS	0
CDPS	0.0200	0	NS	NS	NS	NS	NS	0
<b>COVENANTS</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
SPILLS	0.0200	0	NS	NS	NS	NS	NS	0
<b>HWSG</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>AST</b>	<b>0.2500</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
CLEANERS	0.2500	0	0	0	NS	NS	NS	0
<b>UST</b>	<b>0.2500</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>2</b>
APCDP	0.5000	0	0	0	0	NS	NS	0
<b>HISTSWLF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
HWSTSD	0.5000	0	0	0	0	NS	NS	0
<b>LST</b>	<b>0.5000</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
<b>LUSTTRUST</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
METHANESITES	0.5000	0	0	0	0	NS	NS	0
<b>SWF</b>	<b>0.5000</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
UMTS	0.5000	0	0	0	0	NS	NS	0
<b>VCRA</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>HWSCA</b>	<b>1.0000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>0</b>
<b>SF</b>	<b>1.0000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>0</b>
<b>SUB-TOTAL</b>		<b>0</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>

## Database Radius Summary

### **TRIBAL LISTING**

Standard environmental records are displayed in **bold**.

<b>Acronym</b>	<b>Search Radius (miles)</b>	<b>TP/AP (0 - 0.02)</b>	<b>1/8 Mile (&gt; TP/AP)</b>	<b>1/4 Mile (&gt; 1/8)</b>	<b>1/2 Mile (&gt; 1/4)</b>	<b>1 Mile (&gt; 1/2)</b>	<b>&gt; 1 Mile</b>	<b>Total</b>
<b>USTR08</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>LUSTR08</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>ODINDIAN</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>INDIANRES</b>	<b>1.0000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>0</b>

<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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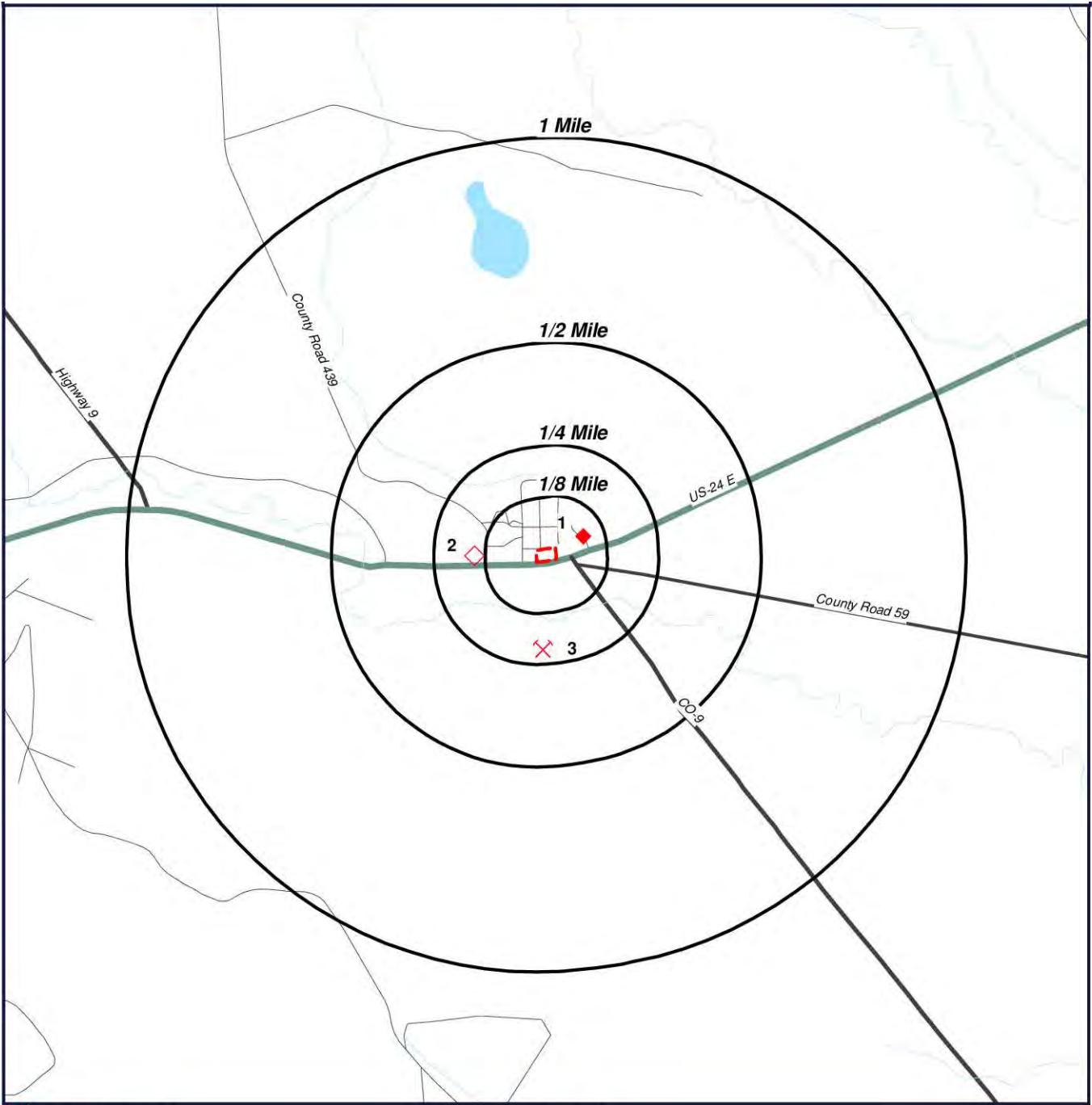
<b>TOTAL</b>		<b>0</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>
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**NOTES:**

**NS = NOT SEARCHED**

**TP/AP = TARGET PROPERTY/ADJACENT PROPERTY**

# Radius Map 1



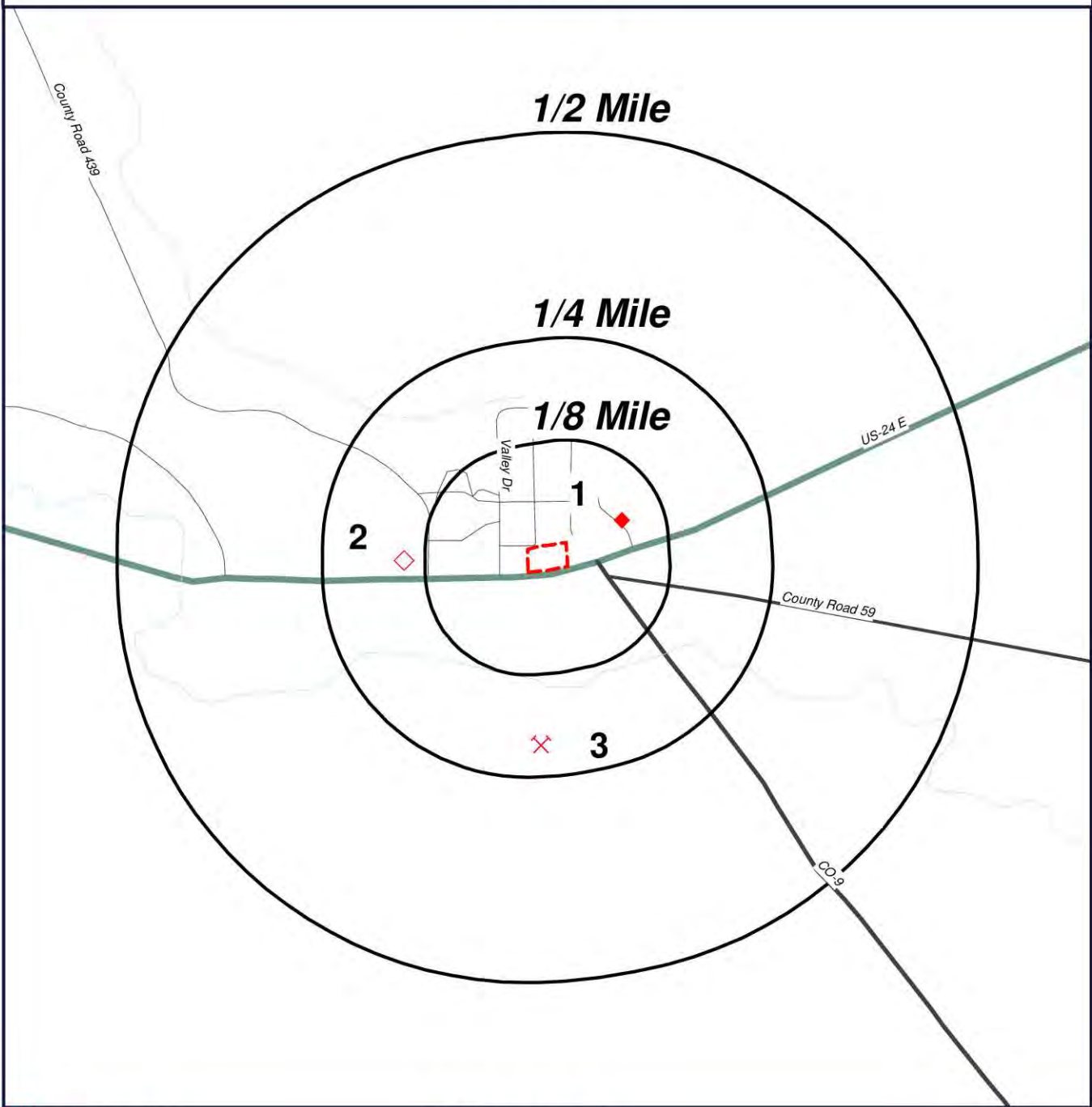
-  Target Property (TP)
-  LST
-  UST
-  MRDS

**0.86-Acre Parcel  
Hartsel, Colorado  
80440**



[Click here to access Satellite view](#)

# Radius Map 2



-  Target Property (TP)
-  LST
-  UST
-  MRDS

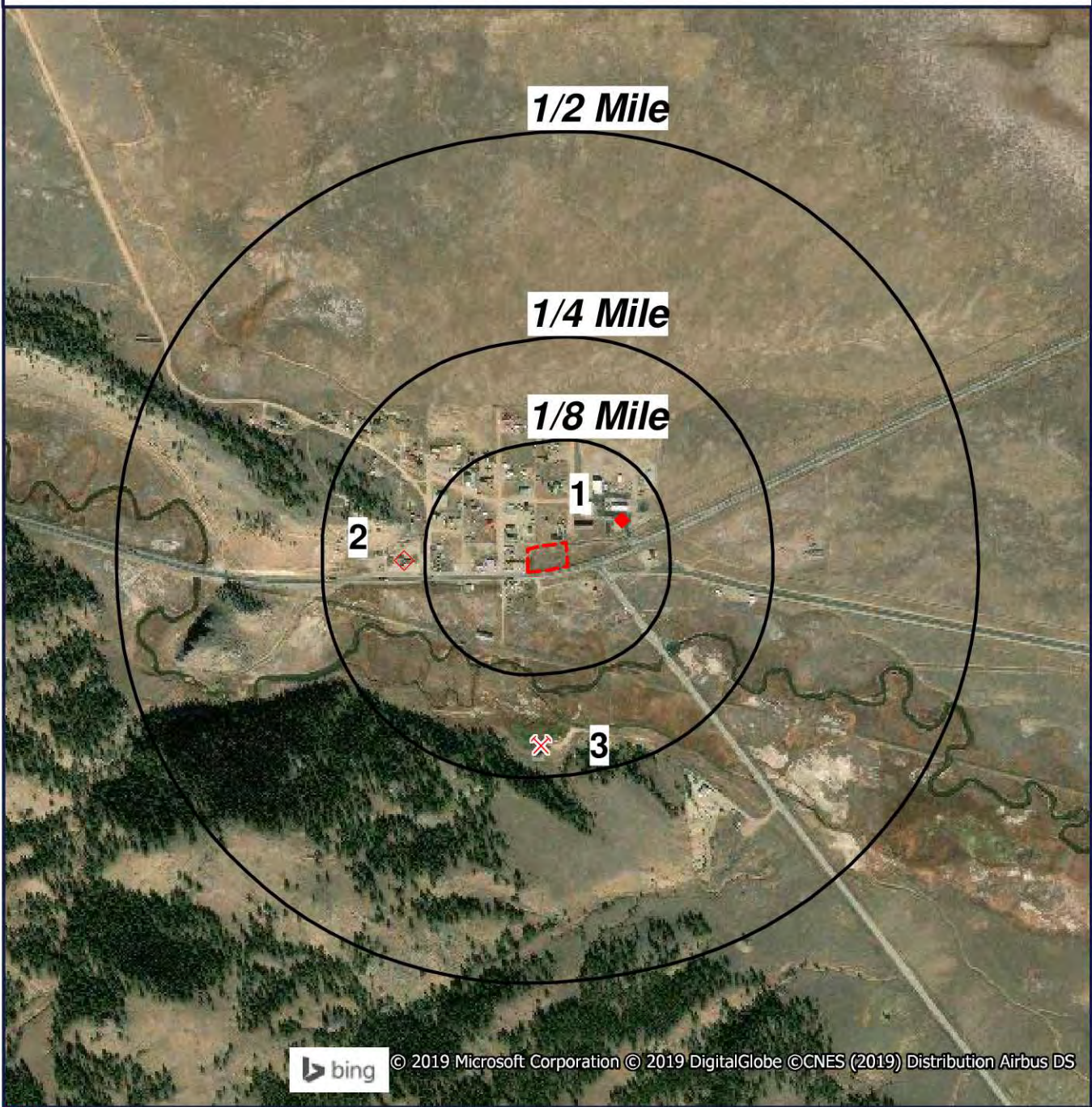
**0.86-Acre Parcel  
Hartsel, Colorado  
80440**



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# Ortho Map



-  Target Property (TP)
-  LST
-  UST
-  MRDS

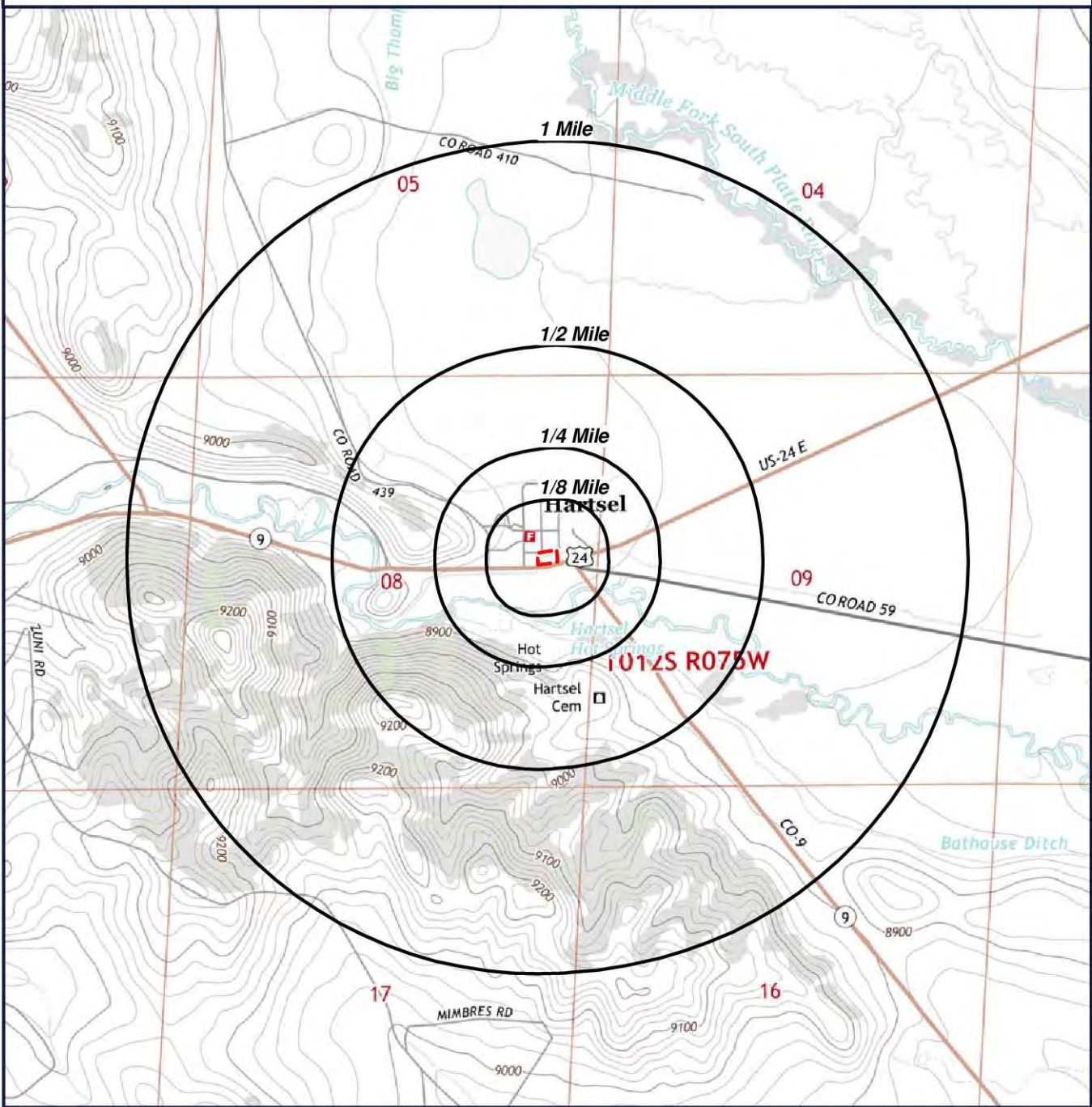
**Quadrangle(s): Hartsel**  
**0.86-Acre Parcel**  
**Hartsel, Colorado**  
**80440**




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# Topographic Map



 Target Property (TP)

**Quadrangle(s): Hartsel**  
**Source: USGS, 08/14/2013**  
**0.86-Acre Parcel**  
**Hartsel, Colorado**  
**80440**



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

## Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
<a href="#">1</a>	AST	3415AST	<b>Higher</b> (8,862 ft.)	<b>0.074 mi.</b> <b>ENE</b> (391 ft.)	<b>CDOT HARTSEL MAINTENANCE YARD</b>	<b>HWY 24 MP 239.30, HARTSEL, CO 80449</b>	<a href="#">16</a>
<a href="#">1</a>	LST	7365	<b>Higher</b> (8,862 ft.)	<b>0.074 mi.</b> <b>ENE</b> (391 ft.)	<b>CDOT HARTSEL</b>	<b>STATE HWY 24 MP 239.30, HARTSEL, CO 80449</b>	<a href="#">17</a>
<a href="#">1</a>	RCRANGR08	COD983771627	<b>Higher</b> (8,862 ft.)	<b>0.074 mi.</b> <b>ENE</b> (391 ft.)	<b>COLORADO DEPT OF TRANSPORTATION - HARTSEL</b>	<b>SH 24 MP 239.30, HARTSEL, CO 80449</b>	<a href="#">19</a>
<a href="#">1</a>	SWF	1618WTR	<b>Higher</b> (8,862 ft.)	<b>0.074 mi.</b> <b>ENE</b> (391 ft.)	<b>CDOT - HARTSEL MAINTENANCE</b>	<b>12957 HIGHWAY 24, HARTSEL, CO 80449</b>	<a href="#">21</a>
<a href="#">1</a>	UST	7365UST	<b>Higher</b> (8,862 ft.)	<b>0.074 mi.</b> <b>ENE</b> (391 ft.)	<b>CDOT HARTSEL</b>	<b>HWY 24 MP 239.90, HARTSEL, CO 80449</b>	<a href="#">22</a>
<a href="#">2</a>	UST	5278UST	<b>Higher</b> (8,872 ft.)	<b>0.15 mi. W</b> <b>(792 ft.)</b>	<b>BADGER BASIN COUNTRY STORE</b>	<b>12551 HWY 24, HARTSEL, CO 80449</b>	<a href="#">23</a>
<a href="#">3</a>	MRDS	10215666	Higher (8,861 ft.)	0.208 mi. S (1098 ft.)	HARTSEL HOT SPRINGS	PARK COUNTY, GUFFEY, CO 80820	<a href="#">24</a>

## Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

**Target Property Elevation: 8860 ft.**

NOTE: Standard environmental records are displayed in **bold**.

### EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">1</a>	AST	8,862 ft.	<b>CDOT HARTSEL MAINTENANCE YARD</b>	<b>HWY 24 MP 239.30, HARTSEL, CO 80449</b>	<a href="#">16</a>
<a href="#">1</a>	LST	8,862 ft.	<b>CDOT HARTSEL</b>	<b>STATE HWY 24 MP 239.30, HARTSEL, CO 80449</b>	<a href="#">17</a>
<a href="#">1</a>	RCRANGR08	8,862 ft.	<b>COLORADO DEPT OF TRANSPORTATION - HARTSEL</b>	<b>SH 24 MP 239.30, HARTSEL, CO 80449</b>	<a href="#">19</a>
<a href="#">1</a>	SWF	8,862 ft.	<b>CDOT - HARTSEL MAINTENANCE</b>	<b>12957 HIGHWAY 24, HARTSEL, CO 80449</b>	<a href="#">21</a>
<a href="#">1</a>	UST	8,862 ft.	<b>CDOT HARTSEL</b>	<b>HWY 24 MP 239.90, HARTSEL, CO 80449</b>	<a href="#">22</a>
<a href="#">2</a>	UST	8,872 ft.	<b>BADGER BASIN COUNTRY STORE</b>	<b>12551 HWY 24, HARTSEL, CO 80449</b>	<a href="#">23</a>
<a href="#">3</a>	MRDS	8,861 ft.	<b>HARTSEL HOT SPRINGS</b>	<b>PARK COUNTY, GUFFEY, CO 80820</b>	<a href="#">24</a>

### LOWER ELEVATION

No Records Found



# Aboveground Storage Tank Facilities (AST)

[MAP ID# 1](#)

Distance from Property: 0.074 mi. (391 ft.) ENE  
Elevation: 8,862 ft. (Higher than TP)

## FACILITY INFORMATION

FACILITY ID: 3415  
NAME: CDOT HARTSEL MAINTENANCE YARD  
ADDRESS: HWY 24 MP 239.30  
HARTSEL, CO 80449  
OPUS LINK: [CLICK HERE](#)

## OWNER INFORMATION

OWNER ID: 1049

## TANK INFORMATION

TANK ID:	TANK TAG:	TANK TYPE:	TANK PRODUCT:	TANK CAPACITY:	TANK STATUS:
9524	3415-1	AST	4 - DIESEL	3,000	CURRENTLY IN USE

[Back to Report Summary](#)

# Leaking Storage Tank Facilities (LST)

**MAP ID# 1**

Distance from Property: 0.074 mi. (391 ft.) ENE  
Elevation: 8,862 ft. (Higher than TP)

## **FACILITY INFORMATION**

UNIQUE ID: 7365  
SITE NAME: CDOT HARTSEL  
ADDRESS: STATE HWY 24 MP 239.30  
HARTSEL, CO 80449  
COUNTY: PARK  
CONTACT: TECHNICAL ASSISTANCE LINE  
PHONE: 303-318-8547  
EMAIL: CDLE\_OPS\_PUBLIC\_RECORDS\_CENTER@STATE.CO.US

## **LEAKING INFORMATION**

EVENT ID:	FACILITY ID:	STATUS:	RELEASE DATE:	RELEASE SOURCE:	RELEASE CAUSE:	TYPE:	CLOSURE DATE:
837	7365	CLOSED	11/27/1992	NOT REPORTED	NOT REPORTED	TIER I	2/8/1993

OPUS LINK: [CLICK HERE](#)

## **UST INFORMATION**

FACILITY ID: 7365  
EVENT ID: 837  
FACILITY NAME: CDOT HARTSEL  
ADDRESS: HWY 24 MP 23990  
CITY: HARTSEL  
ZIPCODE: 80449  
FULL NAME: CDOT - REGION 2 SECTION 4  
OWNER ID: 22972  
TANK ID: 19452  
TANK TAG: 7365-1  
CAPACITY (Gallons): 2000  
PRODUCT: 4 - DIESEL  
TANK TYPE: UST  
TANK STATUS: PERMANENTLY CLOSED  
LOG DATE: 11/27/1992

-----  
FACILITY ID: 7365  
EVENT ID: 837  
FACILITY NAME: CDOT HARTSEL  
ADDRESS: HWY 24 MP 23990  
CITY: HARTSEL  
ZIPCODE: 80449  
FULL NAME: CDOT - REGION 2 SECTION 4  
OWNER ID: 22972  
TANK ID: 19453  
TANK TAG: 7365-2  
CAPACITY (Gallons): 1000  
PRODUCT: GASOLINE

## ***Leaking Storage Tank Facilities (LST)***

TANK TYPE: **UST**

TANK STATUS: **PERMANENTLY CLOSED**

LOG DATE: **11/27/1992**

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# Resource Conservation & Recovery Act - Non-Generator (RCRANGR08)

MAP ID# 1

Distance from Property: 0.074 mi. (391 ft.) ENE  
Elevation: 8,862 ft. (Higher than TP)

## FACILITY INFORMATION

EPA ID#: COD983771627

OWNER TYPE: STATE

NAME: COLORADO DEPT OF TRANSPORTATION - HARTSEL

OWNER NAME: COLORADO DEPT OF HWYS

ADDRESS: SH 24 MP 239.30

OPERATOR TYPE: STATE

HARTSEL, CO 80449

OPERATOR NAME: CDOT

CONTACT NAME: RICHARD J MARQUEZ

CONTACT ADDRESS: 1205 WEST AVE BOX A

ALAMOSA CO 81101

CONTACT PHONE: 719-587-6403

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 07/08/2009

## CERTIFICATION

CERTIFICATION NAME:

CERTIFICATION TITLE:

CERTIFICATION SIGNED DATE:

RICHARD MARQUEZ

LTC OPS I

06/08/2009

RICHARD MARQUEZ

LTC OPS I

09/10/2008

## INDUSTRY CLASSIFICATION (NAICS)

92119 - OTHER GENERAL GOVERNMENT SUPPORT

### CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **NON-GENERATOR** LAST UPDATED DATE: **07/15/2009**

SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**

CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**

UNDERGROUND INJECTION: **NO**

MIXED WASTE GENERATOR: **NO**

UNIVERSAL WASTE DESTINATION FACILITY: **NO**

RECYCLER: **NO**

TRANSFER FACILITY: **NO**

TRANSPORTER: **NO**

USED OIL FUEL BURNER: **NO**

ONSITE BURNER EXEMPTION: **NO**

USED OIL PROCESSOR: **NO**

FURNACE EXEMPTION: **NO**

USED OIL FUEL MARKETER TO BURNER: **NO**

USED OIL REFINER: **NO**

SPECIFICATION USED OIL MARKETER: **NO**

USED OIL TRANSFER FACILITY: **NO**

USED OIL TRANSPORTER: **NO**

### COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS - **NO EVALUATIONS REPORTED** -

VIOLATIONS - **NO VIOLATIONS REPORTED** -

ENFORCEMENTS - **NO ENFORCEMENTS REPORTED** -

### HAZARDOUS WASTE

D001 **IGNITABLE WASTE**

## UNIVERSAL WASTE

WASTE TYPE:

ACCUMULATED

GENERATED

SOURCE TYPE:

WASTE ON-SITE:

WASTE ON-SITE:

## Resource Conservation & Recovery Act - Non-Generator (RCRANGR08)

A	NO	NO	NOTIFICATION
BATTERIES	NO	NOT REPORTED	NOTIFICATION
OTHER	NO	NO	NOTIFICATION
LAMPS	NO	NOT REPORTED	NOTIFICATION
MERCURY-CONTAINING DEVICES	NO	NO	NOTIFICATION
PESTICIDES	NO	NOT REPORTED	NOTIFICATION
MERCURY CONTAINING EQUIPMENT	NO	NOT REPORTED	NOTIFICATION

CORRECTIVE ACTION AREA - NO CORRECTIVE ACTION AREA INFORMATION REPORTED -

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

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## Solid Waste Facilities (SWF)

[MAP ID# 1](#)

Distance from Property: 0.074 mi. (391 ft.) ENE  
Elevation: 8,862 ft. (Higher than TP)

### **SITE INFORMATION**

GEOSEARCH ID: 1618WTR

NAME: **CDOT - HARTSEL MAINTENANCE**

ADDRESS: **12957 HIGHWAY 24**

**HARTSEL, CO 80449**

COUNTY: **NOT REPORTED**

CERTIFICATION ID: **1618**

FACILITY TYPE: **REGISTERED TIRE HAULER**

TIRE RETAILER/WHOLESALE: **YES**

HAULER: **NO**

END USER: **NO**

COLLECTION: **NO**

PROCESSOR: **NO**

MONOFILL: **NO**

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# Underground Storage Tank Facilities (UST)

[MAP ID# 1](#)

Distance from Property: 0.074 mi. (391 ft.) ENE  
Elevation: 8,862 ft. (Higher than TP)

## FACILITY INFORMATION

FACILITY ID: 7365  
NAME: CDOT HARTSEL  
ADDRESS: HWY 24 MP 239.90  
HARTSEL, CO 80449  
OPUS LINK: [CLICK HERE](#)

## OWNER INFORMATION

OWNER ID: 22972

## TANK INFORMATION

TANK ID:	TANK TAG:	TANK TYPE:	TANK PRODUCT:	TANK CAPACITY:	TANK STATUS:
19452	7365-1	UST	4 - DIESEL	2,000	PERMANENTLY CLOSED
19453	7365-2	UST	GASOLINE	1,000	PERMANENTLY CLOSED

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## Underground Storage Tank Facilities (UST)

[MAP ID# 2](#)

Distance from Property: 0.15 mi. (792 ft.) W  
Elevation: 8,872 ft. (Higher than TP)

### FACILITY INFORMATION

FACILITY ID: 5278  
NAME: BADGER BASIN COUNTRY STORE  
ADDRESS: 12551 HWY 24  
HARTSEL, CO 80449  
OPUS LINK: [CLICK HERE](#)

### OWNER INFORMATION

OWNER ID: 19497

### TANK INFORMATION

TANK ID:	TANK TAG:	TANK TYPE:	TANK PRODUCT:	TANK CAPACITY:	TANK STATUS:
14549	5278-1	UST	4 - DIESEL	6,000	CURRENTLY IN USE
14550	5278-2	UST	3 - UNLEADED PREMIUM (PUL)	6,000	CURRENTLY IN USE
14551	5278-3	UST	1 - UNLEADED REGULAR (RUL)	8,000	CURRENTLY IN USE

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# Mineral Resource Data System (MRDS)

**MAP ID# 3**

Distance from Property: 0.208 mi. (1,098 ft.) S  
Elevation: 8,861 ft. (Higher than TP)

## **FACILITY INFORMATION**

GEOSEARCH ID: 10215666

DEP ID: 10215666

MINE NAME: HARTSEL HOT SPRINGS

ADDRESS: PARK COUNTY

GUFFEY, CO 80820

DEVELOPMENT STATUS: UNKNOWN

## **COMMODITY DETAILS**

COMMODITY: GEOTHERMAL

COMMODITY TYPE: ENERGY

COMMODITY GROUP: GEOTHERMAL

IMPORTANCE: PRIMARY

**MATERIAL DETAILS** NO MATERIAL DETAILS REPORTED

## **NAME DETAILS**

SITE NAME: HARTSEL HOT SPRINGS

STATUS: CURRENT

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## **Unlocated Sites Summary**

*This list contains sites that could not be mapped due to limited or incomplete address information.*

*No Records Found*

## ***Environmental Records Definitions - FEDERAL***

**AIRSAFS** Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

**BRS** Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

**CDL** Clandestine Drug Laboratory Locations

VERSION DATE: 05/06/19

The U.S. Department of Justice ("the Department") provides this information 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. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

**DOCKETS** EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

**EC** Federal Engineering Institutional Control Sites

VERSION DATE: 06/11/19

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

## ***Environmental Records Definitions - FEDERAL***

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. The data displays remedy component information for Superfund decision documents issued in fiscal years 1982-2017, and it includes final and deleted NPL sites as well as sites with a Superfund Alternative Approach (SAA) agreement in place. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

**ECHOR08** Enforcement and Compliance History Information

VERSION DATE: 10/27/19

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

**ERNSCO** Emergency Response Notification System

VERSION DATE: 10/06/19

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

**FRSCO** Facility Registry System

VERSION DATE: 10/09/19

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

**HMIRS08** Hazardous Materials Incident Reporting System

VERSION DATE: 11/20/19

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 8. This region includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

## **Environmental Records Definitions - FEDERAL**

**ICIS** Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/21/19

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

**ICISNPDES** Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database is provided by the U.S. Environmental Protection Agency.

**LUCIS** Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

**MLTS** Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

**NPDES08** National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from the U.S. Environmental Protection Agency (EPA) from December 2002 through April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 8. This region includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.



## ***Environmental Records Definitions - FEDERAL***

**PADS** PCB Activity Database System

VERSION DATE: 09/14/18

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of Polychlorinated Biphenyls (PCB) who are required to notify the U.S. Environmental Protection Agency of such activities.

**PCSR08** Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 8. This region includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

**RCRASC** RCRA Sites with Controls

VERSION DATE: 09/12/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

**SEMSLIENS** SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

**SFLIENS** CERCLIS Liens

VERSION DATE: 06/08/12

## **Environmental Records Definitions - FEDERAL**

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency 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. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

**SSTS** Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

**TRI** Toxics Release Inventory

VERSION DATE: 12/31/17

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

**TSCA** Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

**RCRAGR08** Resource Conservation & Recovery Act - Generator

VERSION DATE: 08/19/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers

## ***Environmental Records Definitions - FEDERAL***

to facilities currently generating hazardous waste. EPA Region 8 includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

### **RCRANGR08**

Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 08/19/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 8 includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

### **ALTFUELS**

Alternative Fueling Stations

VERSION DATE: 09/24/19

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

### **FEMAUST**

FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

### **HISTPST**

Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

### **ICISCLEANERS**

Integrated Compliance Information System Drycleaners

VERSION DATE: 09/21/19

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments. The following Primary SIC Codes are included in this data: 7211, 7212, 7213, 7215, 7216, 7217, 7218, and/or 7219; the following Primary NAICS Codes are included in this data: 812320, 812331, and/or 812332.

## ***Environmental Records Definitions - FEDERAL***

**MRDS** Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

**MSHA** Mine Safety and Health Administration Master Index File

VERSION DATE: 09/20/19

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

**BF** Brownfields Management System

VERSION DATE: 07/10/19

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. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

**DNPL** Delisted National Priorities List

VERSION DATE: 10/18/19

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

**NLRRCRAT** No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 08/19/19

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.



## ***Environmental Records Definitions - FEDERAL***

**ODI** Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

**RCRAT** Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 08/19/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

**SEMS** Superfund Enterprise Management System

VERSION DATE: 10/21/19

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

**SEMSARCH** Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 10/22/19

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

**SMCRA** Surface Mining Control and Reclamation Act Sites

VERSION DATE: 03/19/19

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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,

## ***Environmental Records Definitions - FEDERAL***

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.

**USUMTRCA** Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

**DOD** Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

**FUDS** Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

**FUSRAP** Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

## ***Environmental Records Definitions - FEDERAL***

**NLRRCRAC** No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 08/19/19

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

**NMS** Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**NPL** National Priorities List

VERSION DATE: 10/18/19

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

**PNPL** Proposed National Priorities List

VERSION DATE: 10/18/19

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

**RCRAC** Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 08/19/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems

## ***Environmental Records Definitions - FEDERAL***

that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

**RCRASUBC** Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 08/19/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

**RODS** Record of Decision System

VERSION DATE: 10/18/19

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.



## **Environmental Records Definitions - STATE (CO)**

### **ASBESTOS**

Asbestos Abatement and Demolition Projects

VERSION DATE: 12/28/17

The Colorado Department of Public Health and Environment's Air Pollution Control Division assists schools and businesses to comply with air pollution laws regulating asbestos and asbestos containing materials. The regulation that governs asbestos in Colorado is the Colorado Air Quality Control Commission's Regulation No. 8, Part B, "Emission Standards for Asbestos." Notification is required for all demolitions of all facilities and all asbestos abatement projects that exceed the trigger levels, whatever is the lesser quantity. The notification requirements apply to both friable and non-friable asbestos materials. This database contains those related projects since January 2008.

### **CDPS**

Colorado Discharge Permit System Facilities

VERSION DATE: 02/03/19

The Colorado Department of Public Health & Environment's Water Quality Control Division regulates the Colorado Discharge Permit System. This system controls stormwater discharges from construction activities by requiring a Stormwater Construction Permit to reduce pollutants from entering streams, river, lakes and wetlands as a result of runoff from residential, commercial and industrial areas. This database also includes facilities with Industrial Stormwater Permits.

### **COVENANTS**

Environmental Real Covenants List

VERSION DATE: 11/19/19

This list of environmental covenants is maintained by the Colorado Division of Public Health and Environment. 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. These covenants, which are recorded with the deed and run with the land, provide a mechanism to ensure that institutional controls that are part of environmental remediation projects are properly implemented and that engineered structures are protected and maintained, so that implemented remedies continue to be protective of human health and the environment for as long as any residual contamination remains a risk.

### **SPILLS**

Spills Listing

VERSION DATE: 10/15/19

The Colorado Department of Public Health and Environment's Division of Emergency Preparedness and Response maintains this listing of chemical spills and/or releases.

### **HWSG**

Hazardous Waste Sites- Generator

VERSION DATE: 06/30/03

The Resource Conservation and Recovery Act (RCRA) was enacted by congress in 1976, followed by the promulgation of implementing regulations in 1980. In 1984, the State was authorized by EPA to implement the

## ***Environmental Records Definitions - STATE (CO)***

RCRA program in Colorado on their behalf. This facility listing includes RCRA sites listed as generators of hazardous waste (Small Quantity Generators and Large Quantity Generators) and was provided by the Colorado Department of Public Health and Environment.

Small Quantity Generators (SQG) generate, in any calendar month, more than 100 kg (220 lbs.) but less than 1,000 kg (2,200 lbs.) of RCRA hazardous waste; and generate, in any calendar month, or accumulate at any time, no more than 1 kg (2.2 lbs.) of acute hazardous waste and no more than 100 kg (220 lbs.) of material from the cleanup of a spill of acute hazardous waste; and accumulate on-site no more than 6000 kg (13,200 lbs) of hazardous waste at any one time; or, the site is a Small Quantity Generator if the site met all other criteria for a Conditionally Exempt Small Quantity Generator, but accumulated, at any time, more than 1,000 kg (2,200 lbs.) of RCRA hazardous waste.

Large Quantity Generators (LQG) generate, in any calendar month, 1,000 kg (2,200 lbs.) or more of RCRA hazardous waste; or generate, in any calendar month, or accumulated at any time, more than 1 kg (2.2 lbs.) of RCRA acute hazardous waste; or generate, in any calendar month, or accumulated at any time, more than 100 kg (220 lbs.) of spill cleanup material contaminated with RCRA acute hazardous waste.

### **AST** Aboveground Storage Tank Facilities

VERSION DATE: 08/13/19

This list of aboveground storage tank (AST) facilities is maintained by the Colorado Department of Public Health and Environment. Types of tanks included are: currently in use, never installed/existed, never installed-permit revoked, not regulated, other, pending installation, permanently closed, temporarily out of use.

### **CLEANERS** Dry Cleaning Facilities

VERSION DATE: 07/29/19

This list of dry cleaners, which have obtained an air permit through the Air Pollution Control Division, is maintained by the Colorado Department of Public Health and Environment.

### **UST** Underground Storage Tank Facilities

VERSION DATE: 08/13/19

This list of underground storage tank (UST) facilities is maintained by the Colorado Department of Public Health and Environment. Types of tanks included are: currently in use, never installed/existed, never installed-permit revoked, not regulated, other, pending installation, permanently closed, temporarily out of use.

### **APCDP** Air Pollution Control Division Permitted Facilities

VERSION DATE: 07/28/19

This list of Air Pollution Control Division Permitted Facilities is maintained by the Colorado Department of Public Health and Environment. The Stationary Sources Program evaluates and develops air permits for stationary sources in Colorado. The program inspects sources to determine compliance with air regulations and permit conditions and maintains a computerized inventory of air pollution emissions throughout the state.

## **Environmental Records Definitions - STATE (CO)**

**HISTSWLF** Historical Solid Waste Landfills

VERSION DATE: NR

This historical solid waste landfills database contains data from the Hazardous Materials Waste Management Division (HMWMD) of the Colorado Department of Public Health and other various state and local agencies. In the early 1980s, the HMWMD conducted a survey of staff members and local agencies to compile this listing of sites that were known or thought to have waste issues. This Solid Waste Historical Data is not considered complete or verifiable and has not been maintained since the late 1980s. The HMWMD is not responsible and shall not be liable to the used for damages of any kind arising out of the use of this data or information.

**HWSTSD** Hazardous Waste Sites- Treatment, Storage & Disposal

VERSION DATE: 06/30/03

The Resource Conservation and Recovery Act (RCRA) was enacted by congress in 1976, followed by the promulgation of implementing regulations in 1980. In 1984, the State was authorized by EPA to implement the RCRA program in Colorado on their behalf. TSD facilities treat, store, dispose, or recycle hazardous waste on site in units and therefore are subject to RCRA permitting requirements. Historic TSDs are facilities that have completed closure and/or post-closure of the RCRA Subtitle C Regulated Unit(s) or the Treatment/Storage/Disposal Unit is no longer regulated. This database was provided by the Colorado Department of Public Health and Environment.

**LST** Leaking Storage Tank Facilities

VERSION DATE: 11/14/19

This database of aboveground and underground storage tank facilities with confirmed releases is a compilation of several lists maintained by the Colorado Department of Labor and Employment. Currently In Use, Never Installed/Existed, Never Installed-Permit Revoked, Not Regulated, Other, Pending Installation, Permanently Closed, Temporarily Out of Use tanks are included in this data. The next set of data is obtained from the Active and Closed OPS Petroleum Release Events in Colorado database. This data includes the OPS Open Event locations, but also shows locations of closed events (releases that have been issued a No Further Action determination). The Events data utilized in this database includes the following status types: Brownfield, Closed, Enforcement, LUST Trust, Open and State Lead. Please note some Events (confirmed releases) may not have a contaminant present.

**LUSTTRUST** Leaking Underground Storage Tanks Trust Fund Sites

VERSION DATE: 01/01/00

Suspected tank leaks have been discovered at the sites are included in this database, but the facility responsible for the leak has not been identified. The state's investigation and search for responsible parties is paid for out of the state's Leaking Underground Storage Tank (LUST) Trust Fund. This data was originally collected in 2002 from the Colorado Department of Labor & Employment, Division of Oil & Public Safety, State Fund Section by a former environmental database company known as Satisfi. Please refer to State LST database as source of

## **Environmental Records Definitions - STATE (CO)**

current LUST Trust sites.

**METHANESITES** Methane Gas Study Sites

VERSION DATE: 01/01/81

This Investigation of Methane Gas Hazards report was prepared by the Denver Office of Emergency Preparedness in 1981. The purpose of this study was to assess the actual and potential generation, migration, explosive and related problems associated with specified 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. The Colorado Department of Health selected eight landfills as priorities due to population density and potential hazards to population and property.

**SWF** Solid Waste Facilities

VERSION DATE: 09/03/19

The Colorado Department of Public Health and Environment maintains this database of solid waste disposal facilities, transfer stations, recyclers, waste tire registrants, and waste grease registrants.

**UMTS** Uranium Mill Tailings Sites

VERSION DATE: 08/09/02

There were nine uranium mill tailings sites in Colorado designated for cleanup under the federal Uranium Mill Tailings Radiation Control Act (UMTRA). These nine sites, know 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. This database was provided by the Colorado Department of Public Health and Environment.

**VCRA** Voluntary Cleanup and Redevelopment Program Sites

VERSION DATE: 10/02/19

This list of Voluntary Cleanup and Redevelopment Program Sites is maintained by the Colorado Department of Public Health and Environment (CDPHE) and includes both voluntary cleanup and brownfield properties. The Voluntary Cleanup and Redevelopment program was created in 1994. The objective of the program is to facilitate the redevelopment and transfer of contaminated properties. Properties that sit untouched because of their real or perceived contamination can be rehabilitated using the CDPHE's Brownfields Program in conjunction with the Voluntary Cleanup Program. Cleanup decisions are based on existing standards and the proposed use of the property. The actual cleanup and verification is the owner's responsibility.



## ***Environmental Records Definitions - STATE (CO)***

**HWSCA** Hazardous Waste Sites- Corrective Action

VERSION DATE: 06/30/03

The Resource Conservation and Recovery Act (RCRA) was enacted by congress in 1976, followed by the promulgation of implementing regulations in 1980. In 1984, the Hazardous and Solid Waste Amendments (HSWA) were added to RCRA providing for corrective action at facilities subject to RCRA. That same year, the State was authorized by EPA to implement the RCRA program in Colorado on their behalf. Corrective action may be implemented as part of a RCRA Hazardous Waste Permit, an Order, or a Corrective Action Plan pursuant to the Colorado Hazardous Waste Regulations. Corrective action is the process by which regulated facilities investigate and remediate, as necessary, all contamination (soil, ground water, surface water, air) associated with their releases into the environment. Historic Corrective Action Sites are facilities that have completed the RCRA Subtitle C corrective Action process. This database was provided by the Colorado Department of Public Health and Environment.

**SF** Superfund Sites

VERSION DATE: 07/23/19

This list of superfunds is maintained by the Colorado Department of Public Health and Environment. This list contains active, deleted and proposed "Superfund" hazardous waste sites, as well as those sites identified through the Natural Resource Damages section of Superfund legislation and one Private Non-Superfund Cleanup site. A site qualifies for the National Priorities List (NPL or Superfund list) when the U.S. Environmental Protection Agency (EPA) determines there is a release or threatened release of hazardous substances that may endanger public health, welfare or the environment. In Colorado, the lead agency for Superfund remediation may be either the EPA or the Colorado Department of Public Health and Environment.

## ***Environmental Records Definitions - TRIBAL***

**USTR08**                      Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/16/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 8. This region includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

**LUSTR08**                      Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 05/02/19

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 8. This region includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

**ODINDIAN**                      Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

**INDIANRES**                      Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

**APPENDIX E**  
**RECORDS OF COMMUNICATIONS**

## User Questionnaire for Phase I ESA

As required by ASTM E1527-13 Section 6, to the best of their knowledge, the user of the Phase I ESA must provide the following information, if available. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

1. **Specialized Knowledge or Experience** – Do you have specialized knowledge or experiences related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or a nearby property so that you would have specialized knowledge of the chemicals and processes used by this type of business?  Yes  No

If "yes", please explain \_\_\_\_\_

2. **Actual Knowledge of Environmental Liens or Activity and Use Limitations** – Do you have actual knowledge of environmental cleanup liens or activity and use limitations, such as engineering controls, land use restrictions, or institutional controls, encumbering the site or in connection with the site?  Yes  No

If "yes", please explain \_\_\_\_\_

3. **Value Reduction for Environmental Issues**  
Is the Phase I ESA associated with the sale of the site?  Yes  No

If "yes", is there a significantly lower purchase price for the site because of environmental concerns, such as the presence of hazardous substances or petroleum products?  Yes  No

If "yes", please explain \_\_\_\_\_

4. **Commonly Known or Reasonably Ascertainable Information**  
Are you aware of commonly known or reasonably ascertainable information within the local community about environmental concerns in connection with the site?  Yes  No

If "yes", please explain \_\_\_\_\_

**Do you know the past uses of the site?**  Yes  No

If "yes", please explain \_\_\_\_\_

**Do you know of chemicals that are present or once were present at the site?**  Yes  No

If "yes", please explain \_\_\_\_\_

**Do you know of spills or other chemical releases that have taken place at the site?**  Yes  No

If "yes", please explain \_\_\_\_\_

**Do you know of any environmental cleanup/remediation activities that have taken place at the site?**  Yes  No

If "yes", please explain \_\_\_\_\_

**Are there indicators that point to the presence or likely presence of contamination at the site?**  Yes  No

If "yes", please explain \_\_\_\_\_

**Are there or have there been aboveground or underground storage tanks on the site?**  Yes  No

If "yes", please explain \_\_\_\_\_

5. **Reason for Performing the Phase I ESA**  
Please indicate the reason(s) for performing the Phase I ESA  
Qualify for a landowner liability protection (LLP) to CERCLA liability  Yes  No

Understand potential environmental conditions that could materially impact the operation of a facility associated with the subject property?  Yes  No

If "no" or there are additional reasons, please explain \_\_\_\_\_

Subject Property Name: \_\_\_\_\_

Subject Property Location: \_\_\_\_\_

Name of representative completing the questionnaire: \_\_\_\_\_

Representing company: \_\_\_\_\_ Date: \_\_\_\_\_



**APPENDIX F**  
**QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL**



Riley Houston  
Environmental Services  
Manager

### **Education**

University of Cincinnati  
B.S. Environmental Studies, 2012  
B.A. Anthropology

### **Professional Registrations**

- OSHA 10-hour Construction Safety and Health
- OSHA 40-hour HAZWOPER
- Colorado Asbestos Building Inspector

### **Qualifications Summary**

Mr. Houston has over **7 years of experience** involving Phase I Environmental Site Assessments, subsurface investigations, remediation oversight, dewatering compliance, and asbestos building inspections.

### **Professional Experience**

- **Phase I Environmental Site Assessments** – served as Environmental Professional in charge of numerous assessments involving undeveloped, commercial, and industrial properties throughout the United States. Project experiences includes gasoline stations, automobile service stations, commercial shopping malls, power plants, waste disposal facilities, machine shops, telecommunications facilities, and undeveloped properties.
- **Subsurface Investigations** – experienced in planning, implementing, and reporting for subsurface investigations throughout Colorado. Responsibilities include Job Hazard Analysis, drilling oversight, soil and groundwater sampling, and data review and reporting.
- **Remediation Oversight** – provided contractor direction and oversight for underground storage tank removals, groundwater injections, contaminated soil removal, hydraulic lift removals, hazardous waste disposal, and Voluntary Cleanup Program properties.
- **Construction and Subterranean Dewatering Permits** – responsible for sampling and compliance reporting for standard construction dewatering permits, remediation permits, and permanent dewatering systems. Experienced with permit application sampling requirements.
- **Asbestos Building Inspections** – building inspection experience ranges from residential properties to power plants. Conducted over 25 asbestos building inspections for local grocery store chain.
- **Underground Storage Tank Closures** – provided consulting services for the permanent closure of petroleum underground storage tanks and hazardous waste storage tanks per OPS and CDPHE requirements.
- **Red Rock Canyon Landfill** – responsible for quarterly landfill cover inspections, landfill gas monitoring, and biannual groundwater monitoring for the former 26<sup>th</sup> Street Landfill in the Red Rock Canyon Open Space.
- **Delgany Interceptor** – responsible for waste characterization of 2,000 cubic yards of contaminated soil and groundwater remediation permit compliance as part of Metro Wastewater Reclamation District's Delgany Interceptor project.
- **Pepsi Center Excavation Oversight** – provide excavation oversight for new utility lines on the Pepsi Center campus. Responsible for identification of coal-based fill and petroleum impacted soil during excavation activities.