

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SILVERCROSS RANCH
SQUIRREL CREEK ROAD AND LINK ROAD
FOUNTAIN, COLORADO

Prepared for:

LA PLATA COMMUNITIES
1755 Telstar Drive, Suite 211
Colorado Springs, Colorado 80920

Attention: Mr. Steve Rossoll

Project No. CS19053.000-200

March 29, 2019

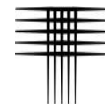
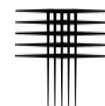


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EXECUTIVE SUMMARY

This report presents the results of the Phase I Environmental Site Assessment (ESA) that was performed by CTL | Thompson, Inc. for La Plata Communities. The Phase I ESA was requested for the proposed development of 3,200 acres of mostly vacant, and mostly undeveloped ranch land located on the Silver Cross Ranch. The land is generally located northeast of the intersection of Link Road and Squirrel Creek Road in Fountain, Colorado. A more detailed description of the Site is described in the following sections.

The Phase I ESA was conducted in general conformance with the methods and procedures described in the American Society for Testing and Materials (ASTM) E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

At the time our site visit, the Site was mostly vacant and undeveloped. Observed development at the Site includes several ranch out buildings and utilities. Ranch out buildings include barns, storage buildings, an arena announcing booth, etc. The vegetation observed at the Site consisted of natural grasses, trees, and weeds. After review of historical records, we did not find obvious evidence indicating past development of the Site with the exception of infrastructure, a ranch house (mobile home), and associated out buildings.

Present day, nearby adjacent properties consist of roadways, residential development, and ranches. A review of regulatory records indicates two items present within a one-half mile radius of the Site. These items include a spill of fuel on an adjacent roadway and a meth lab on an adjacent residential property.

This executive summary does not contain all the information that is found in the full report. The report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in any decisions made or action taken based on this information.



1.0 INTRODUCTION

This report was prepared by CTL | Thompson, Inc. (CTL) for La Plata Communities and presents the results of the Phase I Environmental Site Assessment (ESA) for the Silver Cross Ranch property located northeast of the intersection of Link Road and Squirrel Creek Road in Fountain, Colorado. The property includes approximately 3,200 acres. The Phase I ESA was conducted in general accordance with CTL's Service Agreement CS-19-0014, dated January 15, 2019. A preliminary Geotechnical Investigation was prepared under a separate report.

1.1 Purpose

The purpose of the Phase I ESA was to identify Recognized Environmental Conditions (REC), to the extent feasible, pursuant to the methods and procedures described in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessments, E 1527-13.

A REC is defined as the presence or likely presence of hazardous substances or petroleum products on a site under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the Site or into the ground, groundwater, or surface water of the Site. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.



ASTM Standard E1527-13 also has separate definitions for past conditions that would otherwise be considered a REC but have not been addressed to the satisfaction of the applicable regulatory agencies and would either allow for generally unrestricted use of the Site (referred to as a Historic Recognized Environmental Condition, or HREC) or for use of the Site with various restrictions (referred to as a Controlled Recognized Environmental Condition, or CREC).

1.2 Scope of Services

The scope of services for this assessment consisted of a records review, a site reconnaissance, historical research, interviews, and documentation of findings in a report.

1.3 Limitations

This Phase I ESA was prepared in general accordance with ASTM Standard E 1527-13. There may be additional environmental issues present at the Site that are outside the scope of this practice that include, but are not limited to, the following:

- Asbestos-containing materials;
- Radon;
- Lead-based paint;
- Lead in drinking water;
- Cultural and historic resources;
- Mold and fungi;
- Industrial hygiene;
- Indoor air quality;
- Health & safety;
- Ecological resources;
- Endangered species;
- Biological or infectious agents and pathogens;
- Wetlands;
- Jurisdictional waters of the U.S;
- Regulatory compliance;
- High voltage power lines; and,



- Mine subsidence.

CTL|Thompson, Inc. provided an opinion based upon the condition of the Site on the day it was observed and a review of existing and reasonably ascertainable regulatory records and historical information. Our scope did not include chemical testing of soil, groundwater, air, or building materials. The opinion, conclusions, and recommendations of this report are not intended to be used or relied upon by a third party to this Agreement. With the written consent of our client, CTL may be available to contract with other parties to provide an opinion or conduct additional environmental assessment services. Due to latent conditions and other contingencies which may become evident in the future, the current assessment does not result in any guarantee the subject Site is free and clear of hazardous materials. Should additional surface, subsurface or chemical data become available, the conclusions and recommendations contained in this report shall not be considered valid unless the data is reviewed and the conclusions of this report are modified or approved in writing by our firm.

We believe that this investigation was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the locality of the project. No warranty, express or implied, is made.

2.0 SITE DESCRIPTION AND LOCATION

2.1 Location and Legal Description

The “Site” is located northeast of the intersection of Link Road and Squirrel Creek Road in Fountain, Colorado. According to information supplied by the client and information obtained from the El Paso County Assessor, the Site being considered for development by La Plata Communities consists of a total of 3,200 acres. Detailed development plans have not been established. The El Paso



County Assessor has assigned the following parcel numbers to the parcels included in this study: 4500000125, 4500000082, 4500000015, 550000024, 5500000031, and 5500000233. The parcels do not have assigned addresses at this time. The Site location and layout are shown on Fig 1 (Topographic Mapping) and Fig 2 (Aerial Photograph). According to title documentation provided to CTL, the legal description of the Site is as follows:

PARCEL A:

A PARCEL OF LAND BEING A PORTION OF THE SOUTH HALF OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BASIS OF BEARINGS: THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, PER SOUTHERN DELIVERY SYSTEM PHASE 2 LAND SURVEY PLAT DEPOSITED UNDER RECEPTION NO. 204900098, RECORDS OF EL PASO COUNTY, COLORADO, BEING MONUMENTED AT THE BOTH ENDS BY A 3-1/4 INCH ALUMINUM SURVEYORS CAP STAMPED "PLS 16109" IS ASSUMED TO BEAR $S00^{\circ}40'40''E$, A DISTANCE OF 2636.82 FEET. COMMENCING AT THE SOUTHEAST CORNER OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, SAID POINT BEING THE POINT OF BEGINNING; THENCE $S89^{\circ}18'26''W$, ON THE SOUTH LINE OF SAID SECTION 27, A DISTANCE OF 3340.72 FEET; THENCE $N00^{\circ}00'00''E$, A DISTANCE OF 544.83 FEET TO A POINT ON THE EASTERLY BOUNDARY OF FOOTHILLS SUBDIVISION AS RECORDED JULY 16, 1971 IN PLAT BOOK S2 AT PAGE 33; THENCE ON SAID EASTERLY BOUNDARY THE FOLLOWING (3) THREE COURSES: 1. $N26^{\circ}36'40''E$, A DISTANCE OF 104.28 FEET; 2. $N42^{\circ}36'40''E$, A DISTANCE OF 300.00 FEET; 3. $N47^{\circ}23'20''W$, A DISTANCE OF 676.58 FEET TO A POINT ON THE SOUTHERLY BOUNDARY OF ALMAGRE SUBDIVISION PHASE 1 – FILING NO. 1 RECORDED DECEMBER 23, 2008 UNDER RECEPTION NO. 208712906, SAID POINT



BEING ON THE NORTH LINE OF THE SOUTH HALF OF THE SOUTH HALF OF SAID SECTION 27; THENCE N89°22'42"E, ON SAID SOUTHERLY BOUNDARY AND THE EASTERLY EXTENSION THEREOF, AND SAID NORTH LINE, A DISTANCE OF 3573.25 FEET TO THE NORTHEAST CORNER OF THE SOUTH HALF OF THE SOUTH HALF OF SAID SECTION 27; THENCE S00°40'40"E, ON THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 27, A DISTANCE OF 1315.39 FEET TO THE POINT OF BEGINNING.

PARCEL B:

TRACT 26 OF THE FOUNTAIN VALLEY LAND AND IRRIGATION COMPANY'S SUBDIVISION NO. 1 EXCEPT THE EAST 20 ACRES THEREOF AND THE WEST 20 FEET THEREOF; EXCEPTIONS FROM TRACT 26 AND SECTIONS 27, 33, AND 34, LAST ABOVE DESCRIBED, THOSE PORTIONS THEREOF CONVEYED BY DEED RECORDED IN BOOK 2419, AT PAGE 800. PARCEL C: THE SOUTH HALF OF THE SOUTH HALF OF SECTION 26, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO.

PARCEL D:

THAT PART OF THE SOUTH HALF OF SECTION 27 LYING SOUTH AND EAST OF THE RIGHT OF WAY OF THE DENVER AND NEW ORLEANS RAILROAD, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, EXCEPT THOSE PORTIONS CONVEYED IN DEEDS RECORDED JULY 2, 1971 IN BOOK 2419 AT PAGE 800 AND RECORDED APRIL 27, 2006 UNDER RECEPTION NO. 206061126 AND RECORDED MAY 19, 2008 UNDER RECEPTION NO. 208056901, COUNTY OF EL PASO, STATE OF COLORADO AND FURTHER EXCEPT A PARCEL OF LAND BEING A PORTION OF THE SOUTH HALF OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:



BASIS OF BEARINGS: THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, PER SOUTHERN DELIVERY SYSTEM PHASE 2 LAND SURVEY PLAT DEPOSITED UNDER RECEPTION NO. 204900098, RECORDS OF EL PASO COUNTY, COLORADO, BEING MONUMENTED AT THE BOTH ENDS BY A 3-1/4 INCH ALUMINUM SURVEYORS CAP STAMPED "PLS 16109" IS ASSUMED TO BEAR $S00^{\circ}40'40''E$, A DISTANCE OF 2636.82 FEET. COMMENCING AT THE SOUTHEAST CORNER OF SECTION 27, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, SAID POINT BEING THE POINT OF BEGINNING; THENCE $S89^{\circ}18'26''W$, ON THE SOUTH LINE OF SAID SECTION 27, A DISTANCE OF 3340.72 FEET; THENCE $N00^{\circ}00'00''E$, A DISTANCE OF 544.83 FEET TO A POINT ON THE EASTERLY BOUNDARY OF FOOTHILLS SUBDIVISION AS RECORDED JULY 16, 1971 IN PLAT BOOK S2 AT PAGE 33; THENCE ON SAID EASTERLY BOUNDARY THE FOLLOWING (3) THREE COURSES: 1. $N26^{\circ}36'40''E$, A DISTANCE OF 104.28 FEET; 2. $N42^{\circ}36'40''E$, A DISTANCE OF 300.00 FEET; 3. $N47^{\circ}23'20''W$, A DISTANCE OF 676.58 FEET TO A POINT ON THE SOUTHERLY BOUNDARY OF ALMAGRE SUBDIVISION PHASE 1 – FILING NO. 1 RECORDED DECEMBER 23, 2008 UNDER RECEPTION NO. 208712906, SAID POINT BEING ON THE NORTH LINE OF THE SOUTH HALF OF THE SOUTH HALF OF SAID SECTION 27; THENCE $N89^{\circ}22'42''E$, ON SAID SOUTHERLY BOUNDARY AND THE EASTERLY EXTENSION THEREOF, AND SAID NORTH LINE, A DISTANCE OF 3573.25 FEET TO THE NORTHEAST CORNER OF THE SOUTH HALF OF THE SOUTH HALF OF SAID SECTION 27; THENCE $S00^{\circ}40'40''E$, ON THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 27, A DISTANCE OF 1315.39 FEET TO THE POINT OF BEGINNING.

PARCEL E:

THE NORTHEAST QUARTER, EXCEPT THE NORTHWEST QUARTER THEREOF, AND THE NORTH HALF OF THE SOUTHEAST QUARTER OF



SECTION 33, EXCEPT A RIGHT OF WAY FOR A COUNTY ROAD; TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, EXCEPT THAT PORTION CONVEYED IN DEED RECORDED JULY 2, 1971 IN BOOK 2419 AT PAGE 800, COUNTY OF EL PASO, STATE OF COLORADO.

PARCEL F:

THE NORTH HALF, THE SOUTHEAST QUARTER AND THE NORTH HALF OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, EXCEPT THAT PORTION CONVEYED IN DEED RECORDED JULY 2, 1971 IN BOOK 2419 AT PAGE 800, COUNTY OF EL PASO, STATE OF COLORADO.

2.2 General Description of Site and Improvements

At the time of our site reconnaissance, the Site did not contain structures with the exception of several ranch out buildings. The Site was generally vacant and covered with natural vegetation and weeds. Some areas of mature trees were observed along the west side of the property. Jimmy Camp Creek is present along the southwest portion of the Site, and Williams Creek is present in the northern and eastern portion of the Site. Both creeks flow in general direction of north to south. The Fountain Ditch is present in the southwestern portion of the Site and flows in a north to south direction. Approximately 130 acres of the property in the southwestern portion of the Site is irrigated. Historically, two separate mobile homes have been placed on the Site, near the southwest corner, and more recently removed. Power lines, a natural gas line, and a petroleum line cross the Site, generally in a north-south direction. An unknown underground utility is present along the north side of Squirrel Creek Road and is believed to be abandoned. A photographic record of our Site reconnaissance is presented in Appendix A.



2.3 General Uses of Adjoining Properties

The adjoining properties generally consists of ranch land, single family residential properties, and asphalt roadways. Existing streets adjoining the Site include Bradley Road, Peaceful Valley Road, C and S Road, Marksheffel Road, Link Road, and Squirrel Creek Road. Beyond the roadways, we observed single family residential lots and ranch properties to the north, east, south, and west of the Site. Additional details regarding our observations of adjacent properties are presented in Section 7.4 of this report.

3.0 **USER AND OWNER PROVIDED INFORMATION**

According to the El Paso County Assessor, BJ Ranches is the current owner of the parcels at the Site. Mr. Steve Rossoll of La Plata Communities supplied CTL with documents related to the Site. Mr. Robert Norris is the general manager of the ranch and helped supply CTL with documents pertaining to the Site. According to the documents La Plata Communities is the prospective purchaser of the Site. We obtained a completed questionnaire completed by Mr. Steve Rossoll and Mr. Robert Norris. Additional documents such as title work provided by the buyer were reviewed and used to complete Sections 3.1 thru 3.8 of this report.

3.1 Environmental Liens/Title Records

An environmental lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous material or petroleum products upon a property. The buyer and seller are not aware of environmental liens associated with the Site.

Title records for the Site were supplied to us by Mr. Rossoll. These include



the following:

- Land Title Guarantee Company, File No. SC55075395-2, dated March 7, 2019.

We are not title experts, but we did not find obvious indications of environmental liens from a review of Schedule B – Part II (Exceptions). The title exception listed two oil and gas leases from 2011, but we observed no evidence of oil and gas production on the Site (see Section 7.0) and oil and gas records did not indicate the presence of oil and gas facilities on the Site (see Section 4.5).

3.2 Activity and Use Limitations

Environmental AULs are legal or physical restrictions or limitations on the use of, or access to, a site or facility to: 1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or 2) prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions may include engineering controls, institutional controls, or land use restrictions. La Plata Communities and Robert Norris have no knowledge of AULs associated with the Site.

3.3 Specialized Knowledge

La Plata Communities and Robert Norris are not aware of specialized knowledge regarding the Site.

3.4 Valuation Reduction for Environmental Issues

La Plata Communities and Robert Norris do not have knowledge of value



reduction for environmental issues associated with the Site.

3.5 Commonly Known or Reasonably Ascertainable Information

La Plata Communities and Robert Norris are not aware of commonly known or reasonably ascertainable information regarding the Site.

3.6 Owner, Site Manager, and Occupant Information

Robert Norris is the current manager of the property containing the Site (3,200 acres). The Site is generally vacant ranch pasture land. With the exception of the ranch out buildings and some infrastructure, the Site is generally undeveloped.

3.7 Reason for Performing a Phase I ESA

La Plata Communities has requested a Phase I ESA prior to the acquisition and development of the residential lots at the Site.

3.8 Previous Environmental Site Assessments

La Plata Communities and Mr. Norris are not aware of previous environmental site assessments performed for the Site.

4.0 RECORDS REVIEW

CTL reviewed existing sources listed in the REFERENCES section to assess the soils, geologic, and hydrogeologic conditions of the general vicinity of the Site. We also obtained regulatory documents for review and use for completing the Phase I Environmental Site Assessment. State and local records were reviewed for the Site and adjacent properties.



4.1 Physiography

Elevations at the Site vary from 5,640 to 6,000 feet above mean sea level (msl). Topography across the Site generally slopes down toward the south as presented on the topographic map (Fig 1). The higher elevations of the Site are located in the north near Bradley Road and the lower lying areas include the two creeks that cross the Site and exit the property in the southern portion of the Site.

4.2 Geology and Soils

Geologic mapping (“Geologic Map of the Pueblo 1 X 2 Quadrangle, South-Central Colorado,” Glen R. Scott, Richard B. Taylor, Rudy C. Epis, Reinhard A. Wobus, U. S. Geological Survey, 1976), and (Geologic Map of the Corral Bluffs Quadrangle, Paul E. Soister, 1968) indicates the Site is underlain by Pierre Shale (Kp, Kps), Piney Creek Alluvium (Qpc), Pediment Gravel and Colluvium, Loess (Qlo), and Eolian Sand (Qes).

CTL|Thompson, Inc was retained to perform a Preliminary Geotechnical Investigation for a portion of the southwestern portion of the Site, approximately 400 acres, under CTL|T Project No. CS19053.001-115. Our borings were drilled as part of our investigation and show similar conditions to the mapped geology.

4.3 Groundwater

We measured groundwater in four borings drilled at the Site ranging from depths of between 12 to 30 feet below the existing grades. It is our experience that the flow direction of shallow, unconfined groundwater is generally controlled by topography. Based on topography, we estimate the general direction of groundwater flow below the Site is generally toward the south, toward developed properties and to nearby creeks and drainages that lead away from the Site on



the southwest portion of the Site and the Southeast corner of the Site. Topographic data suggests areas up-gradient of the Site are generally to the northwest.

4.4 Water Wells

Water wells are generally identified through the Colorado Division of Water Resources online water well permit database. The database indicates eight water wells located within the bounds of the Site. Adjacent properties also contain water wells. According to the data base, the water wells are generally used for domestic or livestock purposes. Obvious indications of water wells were observed during our Site reconnaissance. A water well feature was observed approximately 25 feet east of Link Road, near the main ranch facilities. Additional indications of existing water wells are present at several locations across the Site, such as windmills and stock tanks. Similar water well features appear to be located on an adjacent property. If water wells at the Site are not planned for future use, they should be abandoned properly.

4.5 Oil/Gas Wells

Oil and gas wells are identified through the Colorado Oil and Gas Conservation Commission online database. The database indicated the nearest oil/gas well to the Site was located on a nearby pasture, approximately 1 mile from the Site boundary.

4.6 Physical Setting Analysis of Migration of Hazardous/Petroleum Substances

Several local drainages cross the Site in a north to south direction. A hypothetical spill of a hazardous or petroleum substance on the Site would be expected to migrate along the ground surface towards the south. Off-site surface



spills on the adjoining parcels to the north, east, and west appear to have the highest potential to migrate on to the Site. Based on local topography, we estimate groundwater generally flows from the north to south. Sources of contamination to groundwater beneath the Site, if present, would most likely be located to the north of the Site.

5.0 HISTORICAL USE INFORMATION

5.1 Historical Aerial Photographs and Topographic Maps

Historical topography maps and aerial photographs of the Site and surrounding area were reviewed and described in further detail in the list below. USGS topographic maps were reviewed for years including 1893, 1896, 1898, 1909, 1914, 1921, 1932, 1942, 1948, 1951, 1954, 1958, 1961, 1962, 1966, 1969, 1970, 1971, 1973, 1975, 1976, 1978, 1981, 1989, 2010, 2013, and 2016. Recent topography mapping is presented as Fig 1. Aerial photographs were reviewed for the years including 1937, 1947, 1953, 1960, 1972, 1983, 1988, 1999, 2003, 2004, 2005, 2006, 2011, 2015, and 2017; a copy of the 2017 aerial photograph is presented in Fig 2. An interpretation of the aerial photographs and maps is presented, as follows:

- 1893-1942: The Site appears as mostly vacant land used as irrigated farm land and/or ranch land. No obvious structures are present at the Site. The first building appears to be present sometime in the 1940s. Adjacent properties appear to be sparsely developed with residential properties or as irrigated farm land and/or ranchland. Some roadways are present adjacent and nearby the Site.
- 1947-1948: Historical topography mapping indicates a pipeline is present crossing the southern portion of the Site. No other obvious changes are observed.
- 1951-1958: Mapping indicates wind mills are present at the Site and on adjacent properties. The first mobile home appears to be present in an aerial photograph dated 1953. No other obvious changes are observed at the Site.
- 1960-1978: Power lines appear to be present along the eastern



boundary of the south half of the Site and the western boundary of the northern portion of the Site. An unidentified underground utility is present along the southern boundary of the Site, along the north side of Squirrel Creek Road. One foundation was observed in line with the unidentified utility line.

- 1981-1989: An aerial photograph shows surface disturbances at the current location of the ranch arena and out buildings. Some additional development has occurred on nearby properties. No other obvious changes are noted.
- 1999: Bradley Road is present and extending west to Marksheffel Boulevard. Additional residential development has become more dense surrounding the Site. No other obvious changes appear to have taken place. The Site remains generally unchanged.
- 2003-2011: Nearby adjacent properties appear to be more densely developed as residential properties. The Site remains generally unchanged.
- 2015: A mobile home is present to the north of the ranch out buildings. The previous mobile home located to the south of the ranch out buildings appears to have been removed from the Site. No other obvious changes are noted.
- 2017: The more recent mobile home does not appear to be present. No other obvious changes noted.

5.2 Sanborn Fire Insurance Maps

Sanborn fire insurance maps were a tool used by the fire insurance industry to evaluate property risk. The maps often show details of historic dwellings, commercial buildings, and factories, indicate property uses and addresses, and show locations of items such as wells, cisterns, and fuel storage tanks. Sanborn Fire Insurance Map coverage was not available for the Site and surrounding area.

5.3 Historical City Directories

Selected nearby city directories dated 1975 through 2016 were found for



this Site and adjoining parcels are listed in Table I below. The records generally indicate the surrounding properties were occupied by single-family residences and ranch land. The records do not obviously indicate the presence a REC associated with the Site.

Table I
City Directories

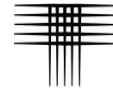
Year	Street Name	Street Number	Facility Name
2016	S Marksheffel Rd	8025	CAMPBELL HAROLD W & PAMELA S
		8085	BROOKS PATRICIA A
		8099	NO CURRENT LISTING
		8165	DOWDY MONTINE R
		8165	DOWDY STEVEN L
		8225	GRELL BROCK A & AMY D
	Squirrel Creek Rd	8520	TIEDIN PATRICIA L
		8520	TIEDING ALLEN H
		8525	GILEBRTS TREE SVC INC [TREE TRIMMING]
		8525	RODRIGUEZ GILBERT R & ELENA M
		8590	CLONINGER AUSTIN L & BETTY J
		10000	FOUNTAIN LANDFILL [LANDFILLS SANITARY]
	Link Rd	8570	HUNSAKER ANTHONY
		8850	POWELL JERALD C & SUSAN L
		9325	HIATT OWEN H & ELIZABETH J
		9335	ABEYTA CARLOS L
		9335	ABEYTA KARESSA F
		9385	GEERY EVERETT L
	Ingle Ln	9385	RENEWABLE ENERGY SUPPLY INC
		8275	BORDERS AMY M
		8295	WEAVER PATRICK A & DEBORAH J
	Bonnie Cap Ln	8335	KING JANICE F
		9020	MCHENRY TERUKO
		9035	RUSSELL STEPHEN P & PATRICIA R
		9060	MARQUEZ CHRISTOPHER L & LOURDES S
		9075	DONNA PATRICK
		9075	MASEL MELBA L
9075		MASEL MICHELLE L	
9090	BROOKS ANDREW J III& WANDA J		



2011	S Marksheffel Rd	8025	CAMPBELL HAROLD W & PAMELA S
		8085	SOUTHARD KIM R
		8165	DOWDY MONTINE R & HELEN L
		8225	GRELL BROCK A & AMY D
	Squirrel Creek Rd	8525	GILBET'S TREE SVC [TREE SERV]
		8525	RODRIGUEZ GILBERT R & ELENA M
		8525	TIEDLING ALLEN H & PATRICIA L
		8590	CLONINGER AUSTIN L & BETTY J
		8630	CATHCART JIM D & CAROLYN
		8710	CERAME FRANKO J
		8780	CARILLO JULIAN
	Link Rd	8780	CARILLO LOUIS
		8570	HOWARD MARCUS J & YOLANDA R
		8850	POWELL JERALD C & SUSAN L
		9160	GIFFIN CHARLES L SR
		9325	HIATT OWEN H
		9335	ABEYTA JOANN P
	Ingle Ln	9335	ABEYTA KARESSA F
		8275	GUIER STEVEN R & SHARON G
		8295	WEAVER PATRICK A & DEBORAH J
	Bonnie Cap Ln	8335	KING DANNY M & JANICE F
		9020	MCHENRY TERUKO
		9035	RUSSELL STEPHEN P & PATRICIA R
9060		HOLMES KEVIN L	
9075		MASEL RAYMOND C & MELBA L	
	9090	BROOKS RAYMOND J III & WANDA J	



2006	S Marksheffel Rd	8025	PAMELA A CAMPBELL
		8025	WAYNE WAYNE CAMPBELL
		8085	PATRICIA ANN BROOKS
		8165	HELEN L DOWDY
		8165	MONTINE DOWDY
		8225	B G CONSTRUCTION
		8225	JANE L GRELL
		8225	MARTIN L GRELL
		8570	JERRY H CLARK
	Squirrel Creek Rd	8520	ALLEN H TIEDLING
		8520	EMPO S TIEDLING
		8525	ELENA M RODRIGUEZ
		8525	GILBERT R RODRIGUEZ
		8590	AUSTIN LEE CLONINGER
		8590	BETTY JO CLONINGER
		8630	CAROLYN J CATHCART
		8630	JAMES D CATHCART
		8710	FRANKO J CERAME
		8750	H ELAINEEL
		8780	ANGELICA J CARRILLO
		8780	JULIAN J CARRILLO
		Link Rd	8570
	8850		JERALD C POWELL
	8850		SUSAN LYNN POWELL
	9160		CHARLES LISLE GIFFIN SR
	9160		OPAL L GRIFFIN
	9325		ANGELA MICHELLEE HIATT
	9325		OWEN HIATT
	9335		ROBERT G MONTGOMERY
	9385		DANITA A MCDONALD
	9385		JOHN D MCDONALD
	Ingle Ln	8275	MITCHELL GUIER
		8275	STEVEN R GUIER
		8295	DEBORAH J WEAVER
		8295	PATRICK A WEAVER
		8335	JANICE KING
	Bonnie Cap Ln	9020	TERUKO MCHENRY
		9035	PATRICIA R RUSSELL
		9035	STEPHEN P RUSSELL
		9060	KARON KAU DOIEL
		9060	ROBERT K DOIEL
		9075	MELBA A MASEL
		9075	RAYMOND CARL MASEL
		9090	ANDREW J BROOKS III
9090		WANDA J BROOKS	



1999-00	S Marksheffel Rd	8025	WAYNE CAMPBELL
		8085	D J SEBBEN
		8085	P A BROOKS
		8165	MONTINE DOWSY
		8570	E L CLARK
		8570	PAUL RIGER
	Squirrel Creek Rd	8525	IRENE KANE
		8590	A CLONINGER
		8710	FRANKO CERAME
		10000	BFI LANDFILLS
		10000	BRWNNF FRRD LNDFLL
		10000	FOUNTAIN LANDFILL
		11855	ANDRY KANE
	Link Rd	9110	DON GIFFIN
		9110	MARY GIFFIN
		9160	C L GIFFIN
	Ingle Ln	8275	STEVEN R GUIER
		8295	SCOTT LEWIS
	Bonnie Cap Ln	9020	ROBERT MCHENRY
		9060	ROBERT H DOIEL
9075		RAYMOND C MASEL	
9090		ANDREW J BROOKS	
1995-96	S Marksheffel Rd	8025	WAYNE CAMPBELL
		8085	D J SEBBEN
		8085	P A BROOKS
		8165	MONTINE DOWDY
		8225	ROBERT W MOFOTT
		8470	DAVID RIGLER
		8570	E L CLARK
		Squirrel Creek Rd	8520
	8525		IRENE KANE
	10000		BFI WASTE SYSTEMS
	10000		BROWNING FERRIS
	10000		FOUNTAIN LANDFILL
	11855		ANDRY KANE
	11855		ANDRY KANE
	Link Rd	9110	DON GIFFIN
		9160	C LISTLE GIFFIN
	Ingle Ln	8275	STEVEN R GUIER
		8295	TOM MCMANUS
	Bonnie Cap Ln	9020	ROBERT MCHENRY
		9035	JOHN OLIPHINT
9060		ROBERT J DOIEL	
9075		RAYMOND C MASEL	
		9090	ANDREW J BROOKS



1990-91	S Marksheffel Rd	8025	WAYNE CAMPBELL
		8165	MONTINE DOWDY
		8225	C R SELBY
		8570	E L CLARK
		8570	KATHLEEN MIHAL
		8581	HAROLD MERKEL
	Squirrel Creek Rd	8525	IRENE KANE
		8715	DAVID TRUJILLO
	Link Rd	9160	C LISLE GIFFIN
	Ingle Ln	8275	STEVEN R GUIER
		8295	TOM MCMANUS
	Bonnie Cap Ln	9020	ROBERT MCHENRY
		9035	JOHN OLIPHINT
		9060	ROBERT H DOIEL
		9075	RAYMOND C MASEL
9090		ANDREW K BROOKS	
1985	S Marksheffel Rd	8025	WAYNE CAMPBELL
		8165	MONTIE DOWDY
		8225	G R SELBY
		8580	J K RICHARDSON
		8580	JOHN SMITH
		8581	HAROLD MIERKEL
	Link Rd	8850	JOHN TIENKEN
		9160	C LISLE GIFFIN
		9325	JIMMY LYTLE
		9325	YVONNE LYTLE
		9335	TERRY RUSSELL
		9550	S A STRAIGHT
		9680	FRANK BILGER
		9720	RAYMOND L DURBIN
	Ingles Ln	8275	STEVEN R GUIER
		8295	S G ESTES
	Bonnie Cap Ln	9020	ROBERT MCHENRY
		9035	PHILLIP A PECK
		9060	ROBERT H DOIEL
		9075	RAYMOND VENCILL
		9090	ANDREW J BROOKS



1980	S Marksheffel Rd	4625	BOB C WILLIAMS
		4625	CLIVE EMERSON
		6655	WALTER B WILSON
		6675	GLEN T EGLEY
		6715	F MARTIN BROWN
		8025	WAYNE CAMPBELL
		8085	P A BROOKS
		8165	MONTINE DOWDY
		8225	ORVILLE G WRIGHT
	Squirrel Creek Rd	8630	DAN J CATHCART
	Link Rd	9160	C LISLE GIFFIN
		9720	RAYMOND L DURBIN
	Ingles Ln	8295	WYANE HASSMANN
	Bonnie Cap Ln	9020	ROBERT MCHENRY
9035		PHILLIP A PEAK	
9090		ANDREW K BROOKS	
1975	S Marksheffel Rd	4675	LOWELL G WILXO
		6655	WALTER B WILSON
		6715	F MARTIN BROWN
		8025	WAYNE CAMPBELL
		8225	ORVILLE G WRIGHT
	Squirrel Creek Rd	8715	WINIFRED GENERALLY
	Link Rd	9160	GERHARD P WEIGEL
		9550	NO CURRENT LISTING
		9580	RODNEY LOFITS
		9640	NO CURRENT LISTING
		9670	WILLIAM G LANGE
		9720	WHISTON R LARIMER
		9750	BEN WILEY
	Ingles Ln	8295	WAYNE HASSMAN
	Bonnie Cap Ln	8950	MONTIE DOWDY
		9020	ROBERT MCHENRY
		9035	PHILLIP A PECK
		9075	GAYLE HARRIS
		9090	ANDREW J BROOKS

5.4 Assessor Records

We reviewed El Paso County Assessor online files for the Site. The El Paso County Assessor has assigned the following parcel numbers to the ranch



parcels included in this study: 4500000125, 4500000082, 4500000015, 550000024, 5500000031, and 5500000233. We are not aware of a current physical address for the Site. With the exception of some farm out buildings and infrastructure, the Site is generally vacant and undeveloped. The previous mobile ranch house was removed from the Site in about 2015. A newer mobile ranch house was placed on the Site in 2015 and removed from the Site sometime after 2017. No other obvious structures are indicated to be present.

6.0 REGULATORY AGENCY RECORDS

Regulatory agency records were provided by GeoSearch™. The report dated February 6, 2019 is presented in Appendix B.

6.1 Summary of Findings

Regulatory agency records findings provided by GeoSearch did not reveal the presence of facilities within the ASTM-specified search distances, with the following exceptions:

- A meth lab reportedly present on an adjacent property addressed as 9335 Link Road. Records indicate the lab and waste primarily contained in a small bedroom, kitchen, and exterior porch. We do not believe this item presents a REC to the Site.
- A spill of fuel was reported on Squirrel Creek Road, approximately 450 feet west and cross-gradient from the Site, following a vehicle crash. Approximately 75 gallons of diesel fuel were reportedly discharged. The report describes absorbent being used. Based on distance and topography, we do not believe this item presents a REC to the Site.
- In addition, several non-ASTM database findings were listed. The Site, or



an area just to the north, was listed several times (under the name “Jimmy Camp”) for construction dewatering discharges. In general, construction dewatering would not be expected to create a REC.

6.2 Local Government Records

We contacted the Fountain and Hanover Fire Departments, and the El Paso County Sheriffs Office regarding hazardous material spills and releases on the Site and adjacent properties via telephone and email on February 27, 2019. To date, we have not received a response to our request.

We performed on-line searches of known addresses for the Site on the Colorado Department of Public Health and Environment (CDPHE) website and made attempts to request information from the El Paso County Public Health Department for information pertaining to hazardous material spills and releases on the Site. CDPHE did not have records pertaining to the Site or adjacent properties that were additional to the radius report. To date, we have not received a response from the local health department. If we receive a response that would change the findings of this report, we will submit an addendum in writing.

7.0 **SITE RECONNAISSANCE**

The following section discusses observations made during our site reconnaissance.

7.1 Methodology and Limiting Conditions

Mr. Steven MacKenzie of CTL|T conducted a Site visit on March 12, 2019. The majority of the Site was accessed by walking or driving. A photographic record of the Site reconnaissance is presented in Appendix A.



7.2 Description of Site Structures and Roads

Based on aerial photographs, the Site was likely used historically as ranchland. Ranch style activities likely took place on the surrounding property that includes the Site. Excluding the ranch out buildings and ranch houses (mobile homes), obvious evidence of structures were not observed at the Site in the historical aerial photographs or during our Site reconnaissance. Currently the Site is generally vacant and undeveloped, with the exception of the ranch out buildings and some infrastructure. The previous mobile ranch houses were recently removed from the Site, within the past 5 years. Developed and undeveloped single-family residential lots as well as pasture grazing land is present surrounding the Site. Jimmy Camp Creek, Fountain Ditch, and Williams Creek are present crossing the Site in north to south direction. Bradley Road, Peaceful Valley Road, C and S Road, Marksheffel Road, Link Road, and Squirrel Creek Road is present adjoining the Site.

7.3 Site Observations

During our reconnaissance, we specifically looked for obvious evidence of the Site features listed in Table II. Table II lists features potentially observed around the outside of the. An “X” located within the table indicates that the features were readily observable. Features associated with interior areas of the structures observed during our Site reconnaissance included wood frame buildings with interior and exterior finishes. We did not observe obvious indications of items such as storage tanks, hazardous materials storage, drains, sump, pits, waste treatment areas, maintenance areas, solid waste areas, hydraulic equipment, or underground storage tanks within the interior portions of the existing outbuildings. Some debris and trash were observed and should be disposed of properly. Exterior Site features observed on the Site are discussed in further detail within the following subsection(s).



Table II
Site Features

	Aboveground Storage Tanks		Stained Soil and/or Pavement
	Air Emissions Sources		Stockpiles of Soil or Debris
	Cultivated Land/Crops		Stressed Vegetation
	Drains, Sumps, Pits, Vaults		Surface Water, Streams, Ponds, Lagoons, Irrigation/Drainage Canal
	Hazardous Material Storage		Transformers (Potential PCB)
X	High Power Transmission Lines		Underground Storage Tanks
X	Natural Gas Pipelines		Unidentified Piping Below Grade
	Odors		Unidentified Substance Containers
X	Petroleum Pipelines		Vehicle Maintenance Areas
	Physical Irregularities		Waste Water Discharge
	Placed Fill or Imported Soils		Waste Treatment Processes
	Railroad Lines	X	Wells (Agricultural, Water Supply)
X	Septic Systems or Leach Fields		Wells (Monitoring)
	Solid Waste or Disposal Areas		Wells (Oil or Natural Gas)

7.3.1 High Power Transmission Lines

We observed high power transmission lines located on the east half of the southern portion of the Site and along the west half of the northern portion of the Site. The transmission lines cross the Site, just south of the Peaceful Valley community in a north-south direction. The transmission lines first appear in a historical aerial photograph dated 1972 and a historical topography map dated 1969. Generally, power lines are not considered a REC.

7.3.2 Natural Gas/Petroleum Pipelines

During our Site reconnaissance we observed natural gas and an underground petroleum pipelines crossing the Site. The natural gas pipeline was located in the southern portion of the property and the petroleum pipeline is located in the northern part of the property. The locations of the pipelines were marked by pilons and observed as generally crossing the Site in a north to south direction. We did not observe obvious indications of stressed vegetation, staining, odors, within the vicinity of the existing pipelines. Based on these observations,



we do not believe the natural gas pipeline presents a REC to the Site; however, the petroleum pipeline presents a REC to the northern most parcel of the Site (parcel No. 4500000125).

7.3.3 *Septic Systems or Leach Fields*

Previous homes were present at the Site. Based on our observations and understanding of past uses, we believe a septic system and leach field was present and most likely remains present today. We did not observe obvious indications of the septic tanks or a leach field during our Site reconnaissance. We do not believe the septic tanks or leach fields present a REC to the Site. If septic tanks and/or leach fields are encountered at the Site during the development process, they should be removed according to local regulations.

7.3.4 *Wells (Agricultural/Water Supply)*

During our Site reconnaissance, we observed several water wells, indicated by domestic water well features as well as agricultural features (windmill, stock tanks). At least eight water wells were identified on the State of Colorado database. Domestic and livestock wells are typically not be considered a REC.

7.4 Review of Adjacent Properties

General observations of properties adjacent to the Site were performed in conjunction with on-site observations made on March 12, 2019. Developed property in the vicinity of the Site consists of transportation corridors, ranch land, and single-family residential lots. Properties immediately adjacent to the Site are described below and based on outdoor observations from the Site or nearby public streets.

- North: The Site is generally bound by several ranch and residential properties. The far northern boundary consists of Bradley Road.
- East: The Site boundaries generally include ranch land.



- South: Southern boundaries include Squirrel Creek Road, ranch land, and residential properties.
- West: The Site is generally bound on the west by residential properties, Link Road, and Jimmy Camp Creek.

Observation of adjacent properties did not reveal obvious visual indications of environmental concern. Following our Site reconnaissance, and review of historical aerial images of the Site, we did not observe evidence of landfills, lagoons, pits, or other waste treatment or disposal operations, underground storage tanks, spills, releases, or discharge of hazardous material, additional to our records search.

8.0 INTERVIEWS

8.1 Owner, Site Manager and/or Occupants

CTL provided the property manager (owner's representative) with a questionnaire dated March 11, 2019. Currently, no occupants are present on the property. The property manager is not aware of environmental issues associated with the Site.

9.0 DEVIATIONS

9.1 Exceptions and Deletions

ASTM Standard E 1527-13 for Phase I Environmental Site Assessments, Section 8.3.2, states that "all obvious uses of the Site shall be identified from the present, back to the Site's obvious first developed use, or back to 1940, whichever is earlier." The term "developed use" includes agricultural uses (i.e., cultivated land / agricultural crops) and placement of fill. In our opinion, livestock rangeland is not a developed use.



We obtained aerial photographs of the Site dating back to 1937. The Site appears vacant and undeveloped in 1937 and was likely used as cattle range land, thus the requirement of ASTM Standard E1527-13, Section 8.3.2 is met.

9.2 Data Gaps

We did not receive a response from the local fire department, the local health department, and sheriff's office. Based on the information presented in this report, we do not believe that this represents a significant data gap which would affect our ability to identify recognized environmental conditions associated with the Site. If additional information becomes available that will change our conclusions, we will issue an addendum letter discussing our findings.

10.0 FINDINGS AND OPINION

10.1 Summary of Site Historical Use

The Site is currently vacant and undeveloped ranchland with the exception of some ranch out buildings located near the intersection of Link Road and Squirrel Creek Road, in the southwest corner of the Site. Historically, the Site has been used for ranching and farming. Site grading has not been performed and roadways have not been constructed. Generally, the Site is sloped down toward the south. On the basis of aerial photographs, the Site has been vacant excluding the existing ranch out buildings and previous mobile homes. Earliest documentation of the Site is based on an aerial photograph dated 1937.

11.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Practice E 1527-13



of the proposed development, located on vacant land, northeast of the intersection of Link Road and Squirrel Creek Road in Fountain, Colorado, the Site. Any exceptions to, or deletions from, this practice are described in Section 9.1 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection to the Site, with the exception of the petroleum line crossing the northern most property (Parcel No. 4500000125), located north of Fontaine Boulevard and south of Bradley Road. The presence of an underground petroleum line crossing that portion of the Site presents a REC to that portion of the Site due to the potential for underground leaks of the line. The following describes our conclusion in further detail.

- An underground petroleum pipeline is present crossing the north part of the Site in a northwest to southeast direction, south of Bradley Road (Parcel No. 4500000125). The north part of the Site includes the portion of the Site located between Fontaine Boulevard and Bradley Road. The petroleum pipeline presents a REC for this part of the Site due to the risk of a release that cannot be observed from the surface. A Phase II Environmental Site Assessment is recommended for this part of the Site. The Phase II ESA would include sampling at a specified spacing along the pipeline to evaluate the presence of petroleum contaminated soils along the pipeline alignment.

12.0 QUALIFICATIONS

This Phase I ESA was supervised by, and the report reviewed by, Mr. Dana L. Harris. Mr. Harris has performed or reviewed multiple Phase I ESAs in the State of Colorado, and has been practicing within the local environmental consulting profession for at least fifteen years. The resumes of the individuals conducting this Phase I ESA are included in Appendix C.



Mr. Harris declares that, to the best of his professional knowledge and belief that he meets the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312. He has the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject Site. He has developed and performed all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312.

We believe that this ESA was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the locality of the project. No warranty, express or implied, is made.

If we can be of further service in discussing the contents of this report, please call.

CTL | THOMPSON, INC.

Patrick Foley, EIT
Staff Engineer

Reviewed by:

Dana L. Harris
Environmental Department Manager
(Fort Collins Branch)

PAF:DLH:vc

(2 copies sent)

Via Email: SRossoll@laplatallc.com



REFERENCES

USGS Topographic Map, Colorado Springs Quadrangle, 1893, 1896, 1909, 1914, 1921, 1932, 1942, and 1981.

USGS Topographic Mapping, Fountain Quadrangle, 1948, 1950, 1951, 1958, 1961, 1963, 1969, 1970, 1975, 1978, 1981, 1994, 2010, 2013, and 2016.

USGS Topographic Mapping, Pueblo Quadrangle, 1954, 1958, 1962, 1966, 1973, and 1989.

Colorado Division of Water Resources, online Water Well Permit Database, <http://165.127.23.116/website/lttools/>

Colorado Oil and Gas Conservation Commission, online Oil/Gas Well Permit Database, <http://www.oil-gas.state.co.us>

La Plat Communities, Mr. Steve Rossoll, Email response, February March 11, 2019.

Silver Cross (T-Cross Ranch) Ranch Manager, Questionnaire Dated March 14, 2019

Environmental Database Search, Geosearch™, Inc. (Report #CS19053.000-200, dated February 6, 2019).

Environmental Database Search, Geosearch™, Inc. Historic Aerial Photo Service (Report # CS19053.000-200, dated February 6, 2019)

Google Earth Image, Aerial Photographs, 1999 through 2017
www.googleearth.com

El Paso County Assessor's Office, online information.

Geologic mapping of the Site ("Geologic Map of the Pueblo 1 X 2 Quadrangle, South-Central Colorado," Glen R. Scott, Richard B. Taylor, Rudy C. Epis, Reinhard A. Wobus, U. S. Geological Survey, 1976), and (Geologic Map of the Corral Bluffs Quadrangle, Paul E. Soister, 1968)

Colorado Department of Public Health and Environment (CDPHE), On-Line Records Search <http://environmentalrecords.colorado.gov/HPRMWebDrawerHM/FormSearch>

Pipeline Association for Public Awareness, Colorado Pipeline Association, <https://pvnpms.phmsa.dot.gov/PublicViewer/>



Geologic Hazard Study Report

Applicant:	<input type="text" value="La Plata Communities, LLC"/>	Telephone:	<input type="text" value="719-867-2256"/>
Address:	<input type="text" value="9540 Federal Drive"/>	Email:	<input type="text" value="chumphrey@laplatallc.com"/>
City/State:	<input type="text" value="Colorado Springs, Colorado 80921"/>	Fax:	<input type="text"/>
Zip Code:	<input type="text" value="80921"/>		

The following documents have been included and considered as part of this report (checked off by individual(s) preparing the geologic report):

- Development Plan
- Landscape Plan (if applicable)
- Grading Plan
- Drainage Report (necessary if debris and/or mud flow hazard is present)

ENGINEER'S STATEMENT

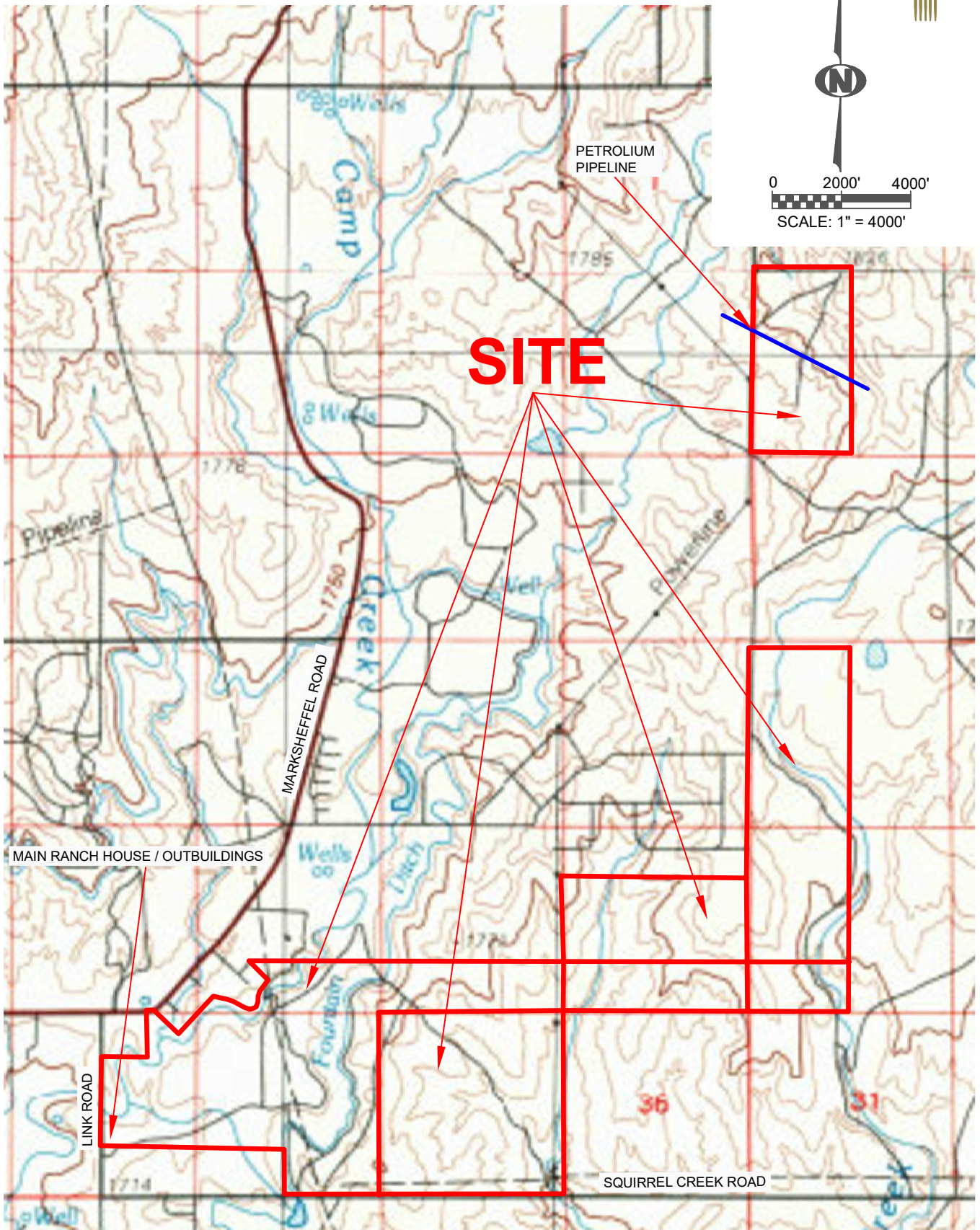
I hereby attest that I am qualified to prepare a Geologic Hazard Study in accordance with the provisions of Section 504 of the Geologic Hazards Ordinance of Colorado Springs. I am qualified as:

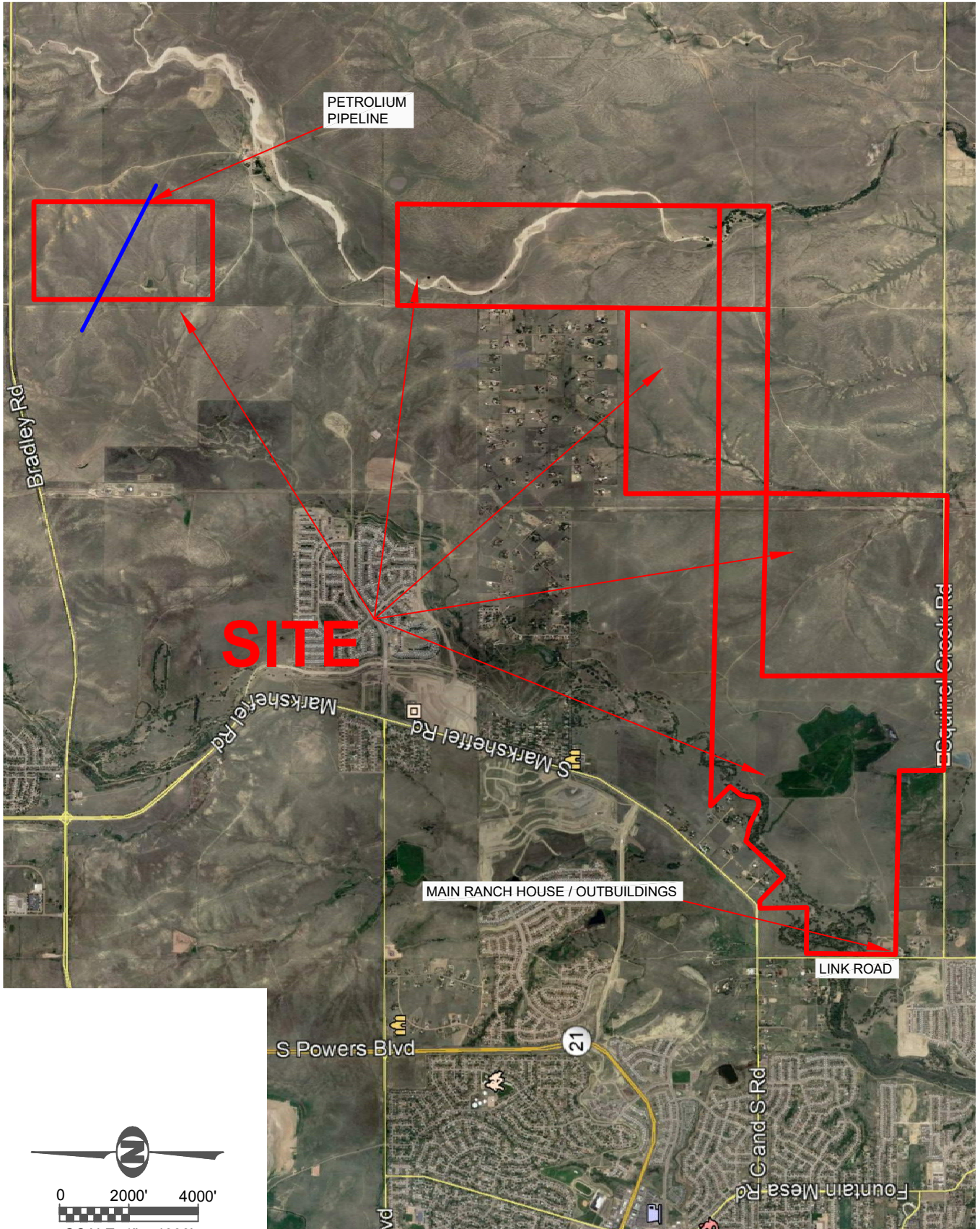
- A Professional Geologist as defined by CRS 34-1-201(3); or,
- A Professional Engineer as defined by Board Policy Statement 50.2 - "Engineers in Natural Hazard Areas" of the Colorado State Board of Registration for Professional Engineers and Professional Land Surveyors. Board authority as defined by CRS 12-25-107(1).

Submitted by:	<input type="text" value="CTL Thompson, Inc. (Willaim C. Hoffmann, Jr.)"/>	Date:	<input type="text" value="May 11, 2022"/>
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This Geologic Hazard Study is filed in accordance with the Zoning Code of Colorado Springs, 2001, as amended.

City Engineer	Date	Planning & Development Manager	Date
----------------------	-------------	---	-------------





APPENDIX A
SITE PHOTOGRAPHS



1 Looking northeast from near the southwest corner of the Site.



2. Patio structure located at old mobile home site near the southwest corner of the property.



3. Southwest corner of property looking northwest with stable structure/barn. Stucco exterior.



4. Interior of stable located near northwest corner of property.



5. Barn located on the south end of Property.



6. Debris and trash observed in open ended barn.



7. Inside of an open ended barn.



8. Structure on southwest corner of property.



9. Equestrian center and existing announcer's building.



10. Empty containers and PVC pipe.



11. Electric box located near the southwest corner of Equestrian Center.



12. Interior of Equestrian announcer's building.



13. Metal drum on southeast corner of Equestrian Center. Appeared to be empty.



14. Empty metal drum and empty gas can located near the Southeast corner of Equestrian Center.



15. Storm sewer or sanitary sewer on west end of Site.



16. Drainage channel located near the west end of site.



17. Erosion from storm water on west end of site.



18. Northwest corner of property looking south.



19. Northwest Corner of Property looking east.



20. Center of northwest portion of site looking east.



21. Center of Site looking southwest.



22. Center of Site looking east.



23. Center of property looking southeast.



24. Typical windmill and water well associated with the Site.



25. North central portion of the property looking east.



26. North central portion of the property looking southwest.



27. Center of property looking north along existing power lines and easement.



28. Erosion present center of site adjacent to power lines and easement.



29. Center of property looking west



30. Williams Creek in the northern central portion of the property.



31. North central portion of property looking south.



32. Property boundary at Peaceful Valley Road looking east.



33. Drainage located on the east end of property looking west.



34. Northeastern portion of the central area of the property looking southwest.



35. Northeastern central portion of the property looking northwest.



36. Typical stock tank. This stock tank is located in the northern central portion of the property.



37. Stock tank located in the northwestern central portion of the property.



38. Northwest property boundary, looking east from north of Raintree Drive.



39. Northwest corner of property looking south.



40. Southeast corner of property looking west.



40 Northwest center of property looking south.



41 Stock tank southeast center of property.



42 Southeast corner of property looking north.



43 Southeast center of property looking southwest toward Squirrel Creek Road.



44 Sluice gate on southwest center of property.



45 Gas pipelines along irrigation canal along the southwest center of property.



46 Irrigation canal on southern center of Site.



47 South center of property looking northeast.



48 Southwest center of property looking north.



49 Horse Trailer on southwest center of property.



50 Debris on southwest center property boundary.



51 Southwest center property boundary looking west.



52 Southwest center of property looking northwest.



53 Debris on south property boundary.



54 Gravel road heading west towards southwest property entrance.



55 Site of previously existing mobile home and electrical located near southwest corner of property.



16. Petroleum line crossing north portion of the Site near Bradley Road.



17. Foundation identified at the Site of an unknown utility structure.



18. Typical water well identified on the Site.

INSERT PHOTO HERE
(AFTER INSERTING PHOTO PRESS RESIZE MACRO)
(THIS LABEL WILL NOT PRINT)

APPENDIX B
ENVIRONMENTAL GEOSEARCH™ REPORT

Radius Report

[GeoLens by GeoSearch](#)

Target Property:

**About 3,200 Acres NE of Fountain, Colorado
Fountain, El Paso County, Colorado 80928**

Prepared For:

CTL Thompson- Colorado Springs

Order #: 121137

Job #: 276757

Project #: CS19053-200

Date: 02/06/2019

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Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR § 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 CFR § 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

About 3,200 Acres NE of Fountain, Colorado
Fountain, Colorado 80928

Coordinates

Area centroid (-104.62830, 38.7149243)
5,724 feet above sea level

USGS Quadrangle

Fountain, CO
Fountain Ne, CO
Corral Bluffs, CO

Geographic Coverage Information

County/Parish: El Paso (CO)

ZipCode(s):

Fountain CO: 80817
Colorado Springs CO: 80925, 80928, 80929

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSCO	1	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR08	0	0	0.2500
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR08	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		1	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
GERCLIS LIENS	SFLIENS	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR08	1	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSCO	1	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	1	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR08	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR08	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	0.1250
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	0.1250
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR08	0	0	0.1250
TOXICS RELEASE INVENTORY	TRI	0	0	0.1250
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
BIENNIAL REPORTING SYSTEM	BRS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		3	0	

Database Summary

STATE (CO) LISTING

Standard Environmental Records

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

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
ASBESTOS ABATEMENT AND DEMOLITION PROJECTS	ASBESTOS	0	0	TP/AP
COLORADO DISCHARGE PERMIT SYSTEM FACILITIES	CDPS	2	0	TP/AP
URANIUM MILL TAILINGS SITES	UMTS	0	0	TP/AP
AIR POLLUTION CONTROL DIVISION PERMITTED FACILITIES	APCDP	0	0	0.1250
DRY CLEANING FACILITIES	CLEANERS	0	0	0.1250
SPILLS LISTING	SPILLS	1	0	0.1250
HAZARDOUS WASTE SITES- TREATMENT, STORAGE & DISPOSAL	HWSTSD	0	0	0.5000
METHANE GAS STUDY SITES	METHANESITES	0	0	0.5000
SUB-TOTAL		3	0	

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR08	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR08	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000

SUB-TOTAL		0	0	
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Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	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
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ECHOR08	0.0200	1	NS	NS	NS	NS	NS	1
FRSCO	0.0200	1	NS	NS	NS	NS	NS	1
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	1	NS	NS	NS	NS	NS	1
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
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
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
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
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
AIRSAFS	0.1250	0	0	NS	NS	NS	NS	0
CDL	0.1250	0	0	NS	NS	NS	NS	0
ERNSCO	0.1250	0	1	NS	NS	NS	NS	1
HMIRSR08	0.1250	0	0	NS	NS	NS	NS	0
TRI	0.1250	0	0	NS	NS	NS	NS	0
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
BRS	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	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
RCRAGR08	0.2500	0	0	0	NS	NS	NS	0
RCRANGR08	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0
SEMS	0.5000	0	0	0	0	NS	NS	0

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
SEMSARCH	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
DNPL	1.0000	0	0	0	0	0	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
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		3	1	0	0	0	0	4

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	2	NS	NS	NS	NS	NS	2
COVENANTS	0.0200	0	NS	NS	NS	NS	NS	0
UMTS	0.0200	0	NS	NS	NS	NS	NS	0
APCDP	0.1250	0	0	NS	NS	NS	NS	0
CLEANERS	0.1250	0	0	NS	NS	NS	NS	0
SPILLS	0.1250	0	1	NS	NS	NS	NS	1
AST	0.2500	0	0	0	NS	NS	NS	0
HWSG	0.2500	0	0	0	NS	NS	NS	0
UST	0.2500	0	0	0	NS	NS	NS	0
HISTSWLF	0.5000	0	0	0	0	NS	NS	0
HWSTSD	0.5000	0	0	0	0	NS	NS	0
LST	0.5000	0	0	0	0	NS	NS	0
LUSTTRUST	0.5000	0	0	0	0	NS	NS	0
METHANESITES	0.5000	0	0	0	0	NS	NS	0
SWF	0.5000	0	0	0	0	NS	NS	0
VCRA	0.5000	0	0	0	0	NS	NS	0
HWSCA	1.0000	0	0	0	0	0	NS	0
SF	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		2	1	0	0	0	0	3

Database Radius Summary

TRIBAL 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
USTR08	0.2500	0	0	0	NS	NS	NS	0
LUSTR08	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0

SUB-TOTAL		0	0	0	0	0	0	0
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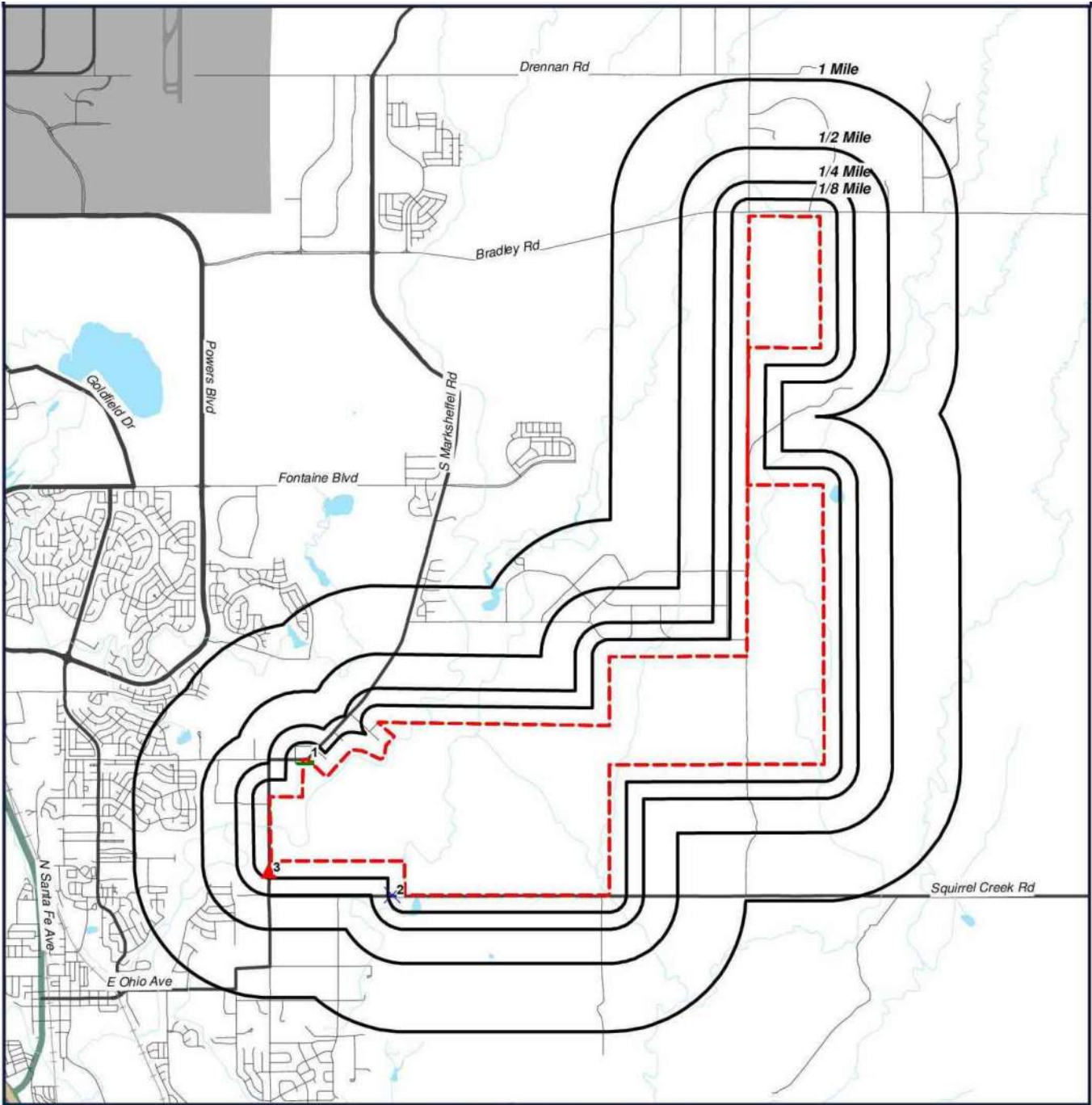
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NOTES:

NS = NOT SEARCHED

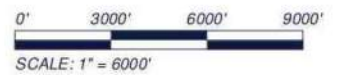
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius2K_1 Map



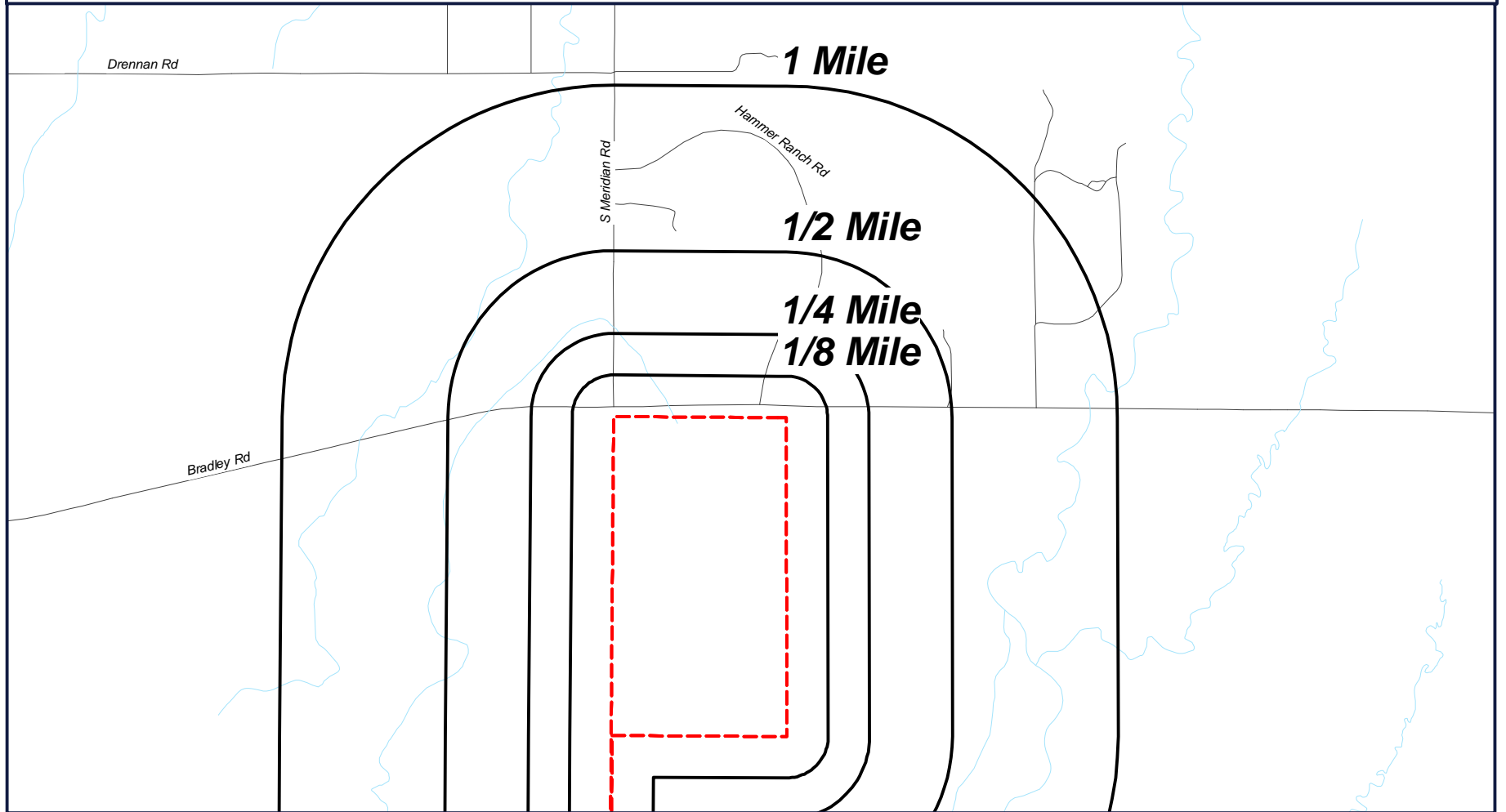
-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



[Click here to access Satellite view](#)

RADIUS MAP

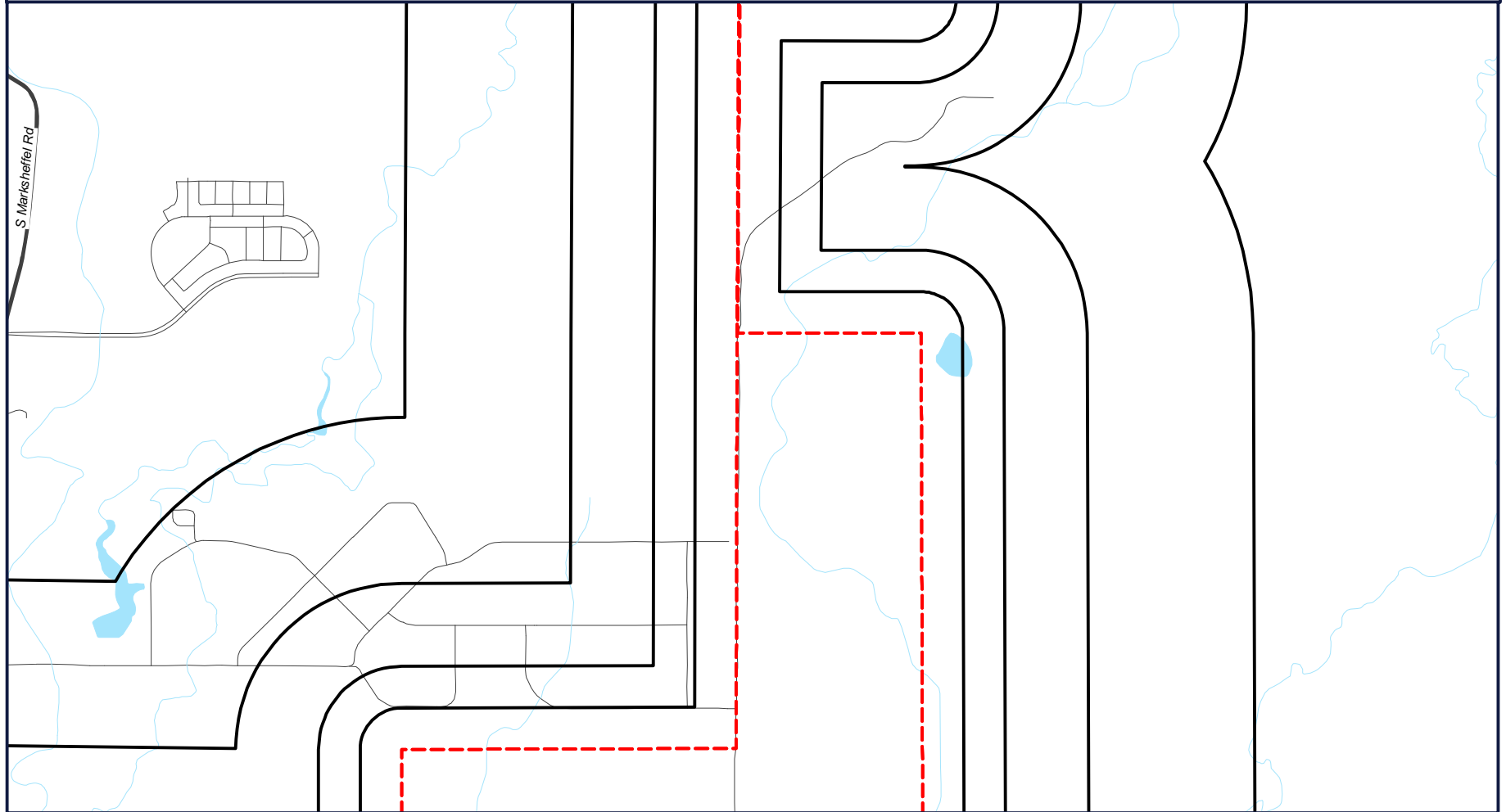


- Target Property (TP)
- FRSCO
- ERNSCO
- SPILLS

About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928



RADIUS MAP

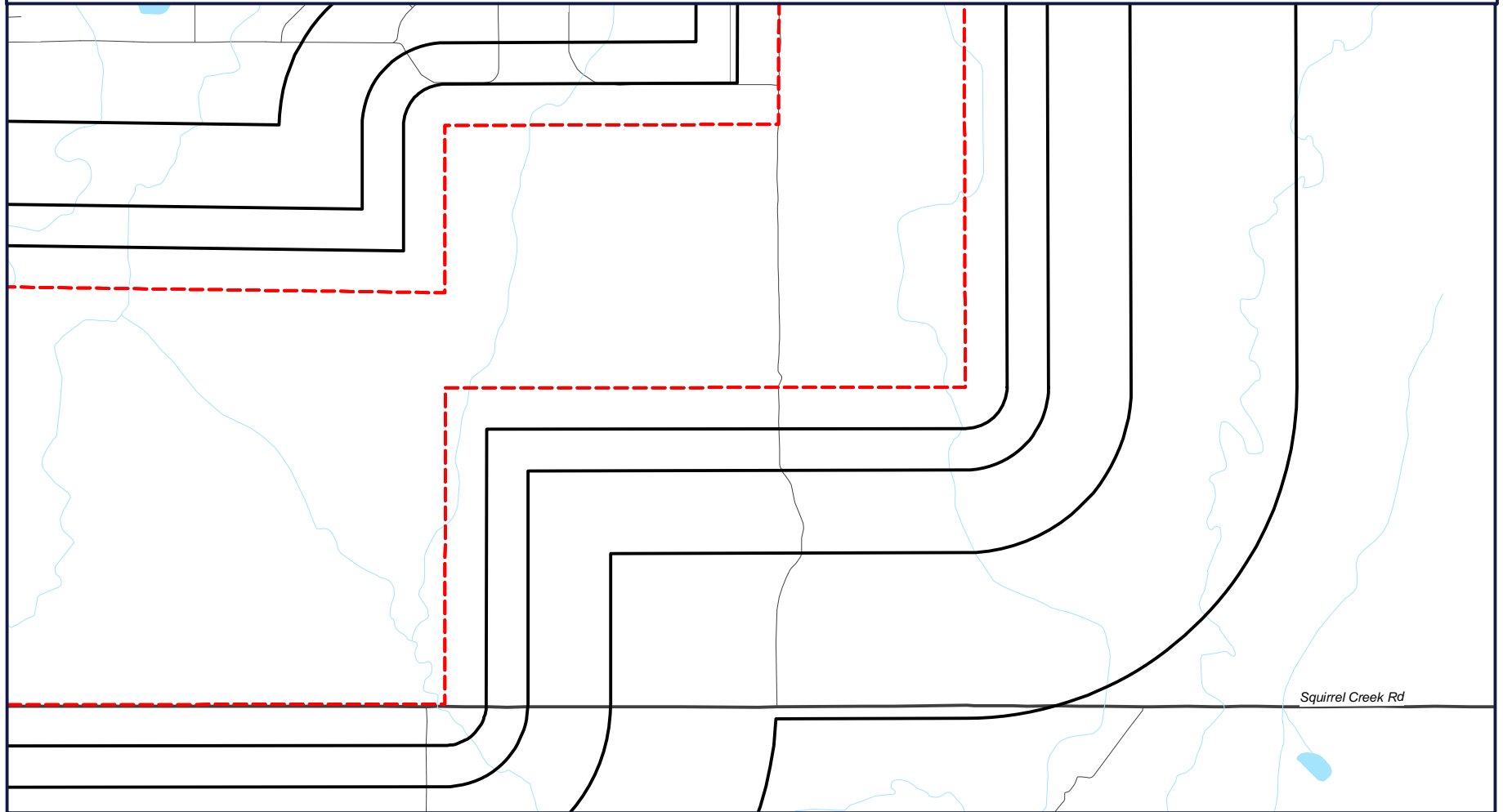



-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



RADIUS MAP



-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

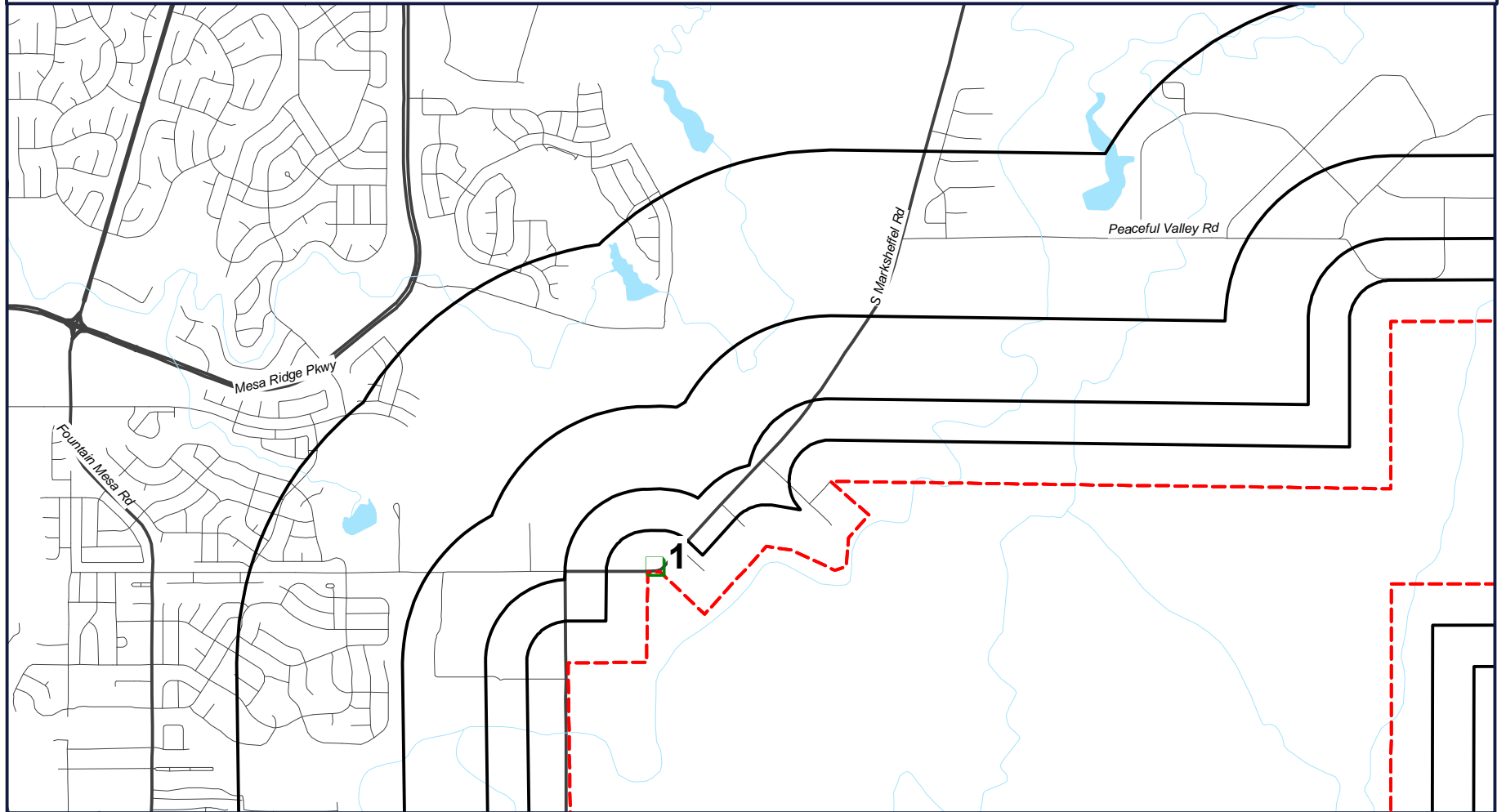
**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**





GeoSearch

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RADIUS MAP



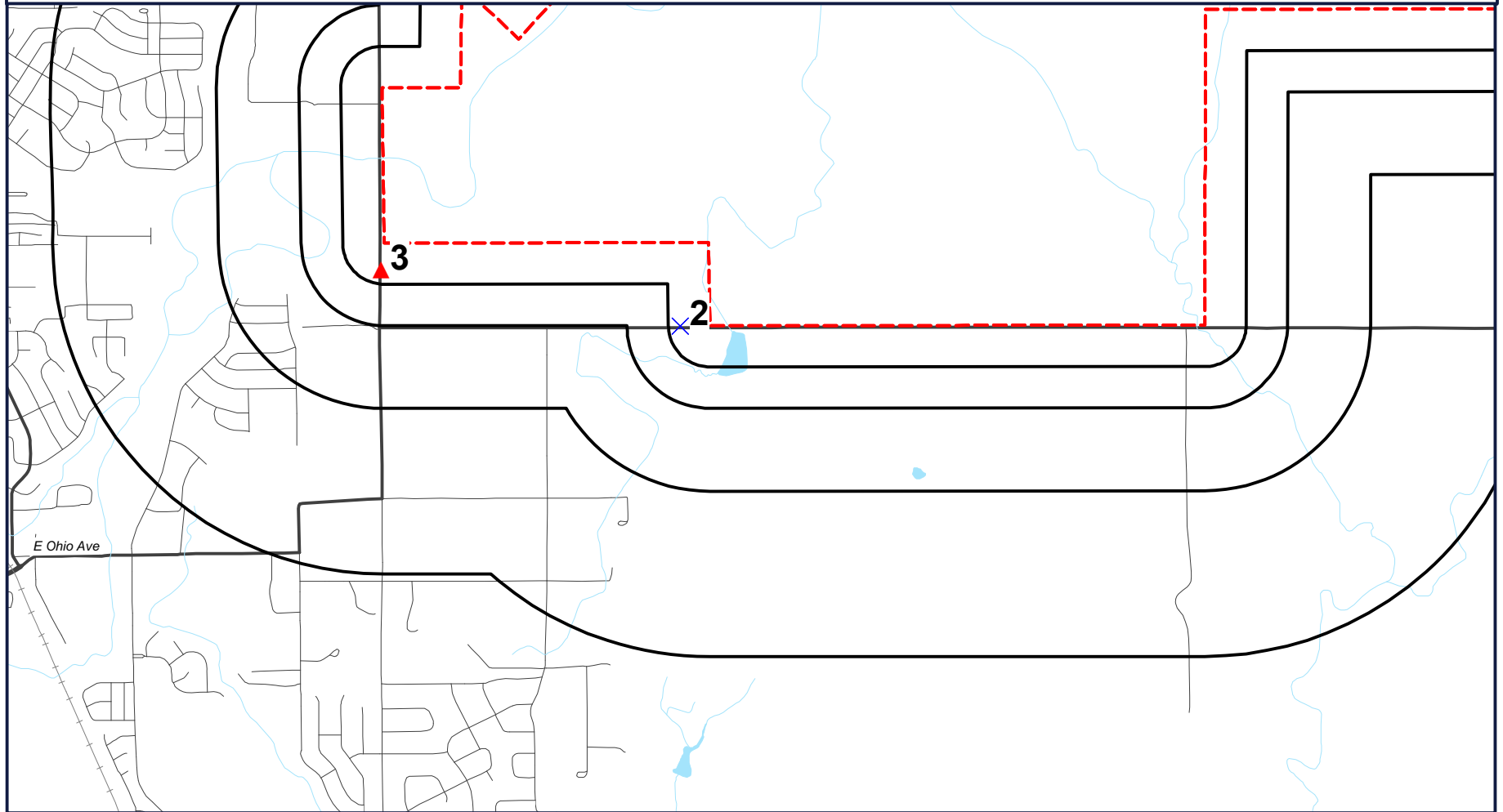
-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



0' 1250' 2500' 3750'
SCALE: 1" = 2500'

RADIUS MAP



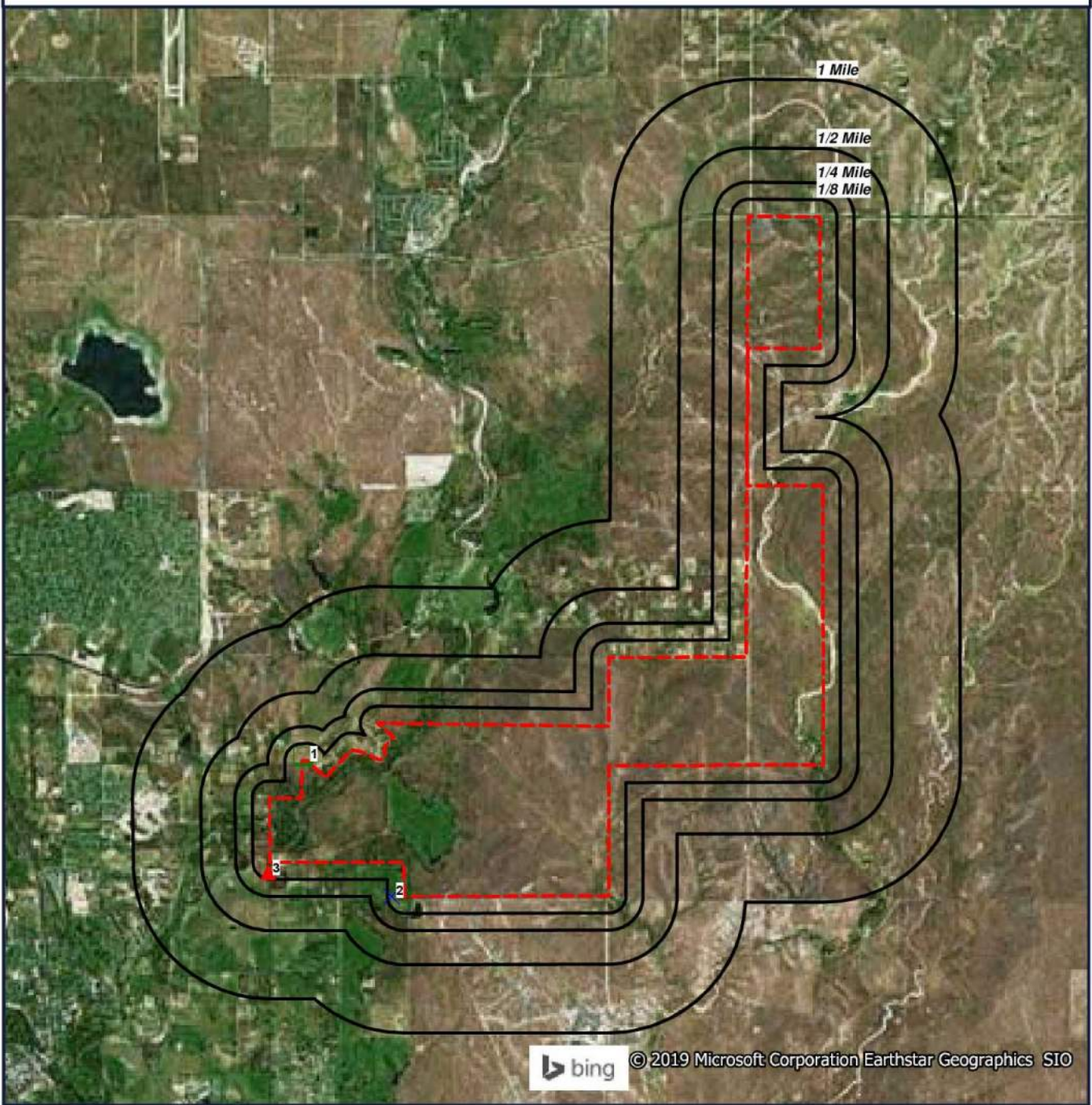
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-  FRSCO
-  ERNSCO
-  SPILLS

**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



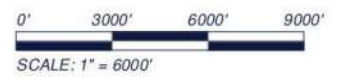
GeoSearch www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

Ortho_1 Map



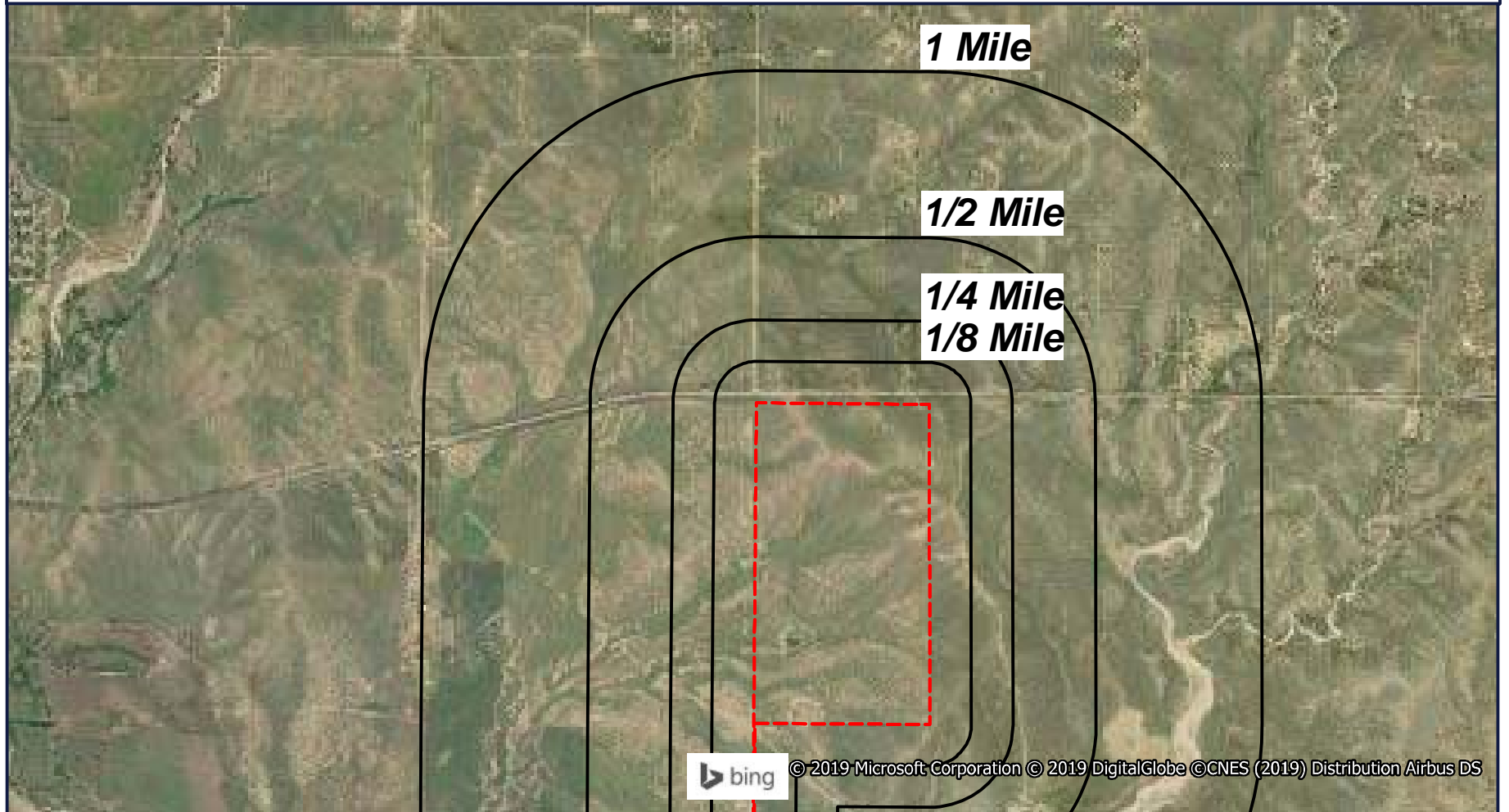
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-  FRSCO
-  ERNSCO
-  SPILLS


**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs
About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



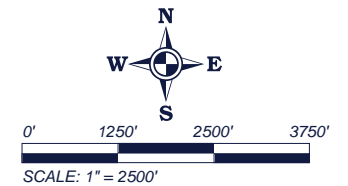
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ORTHOPHOTO MAP

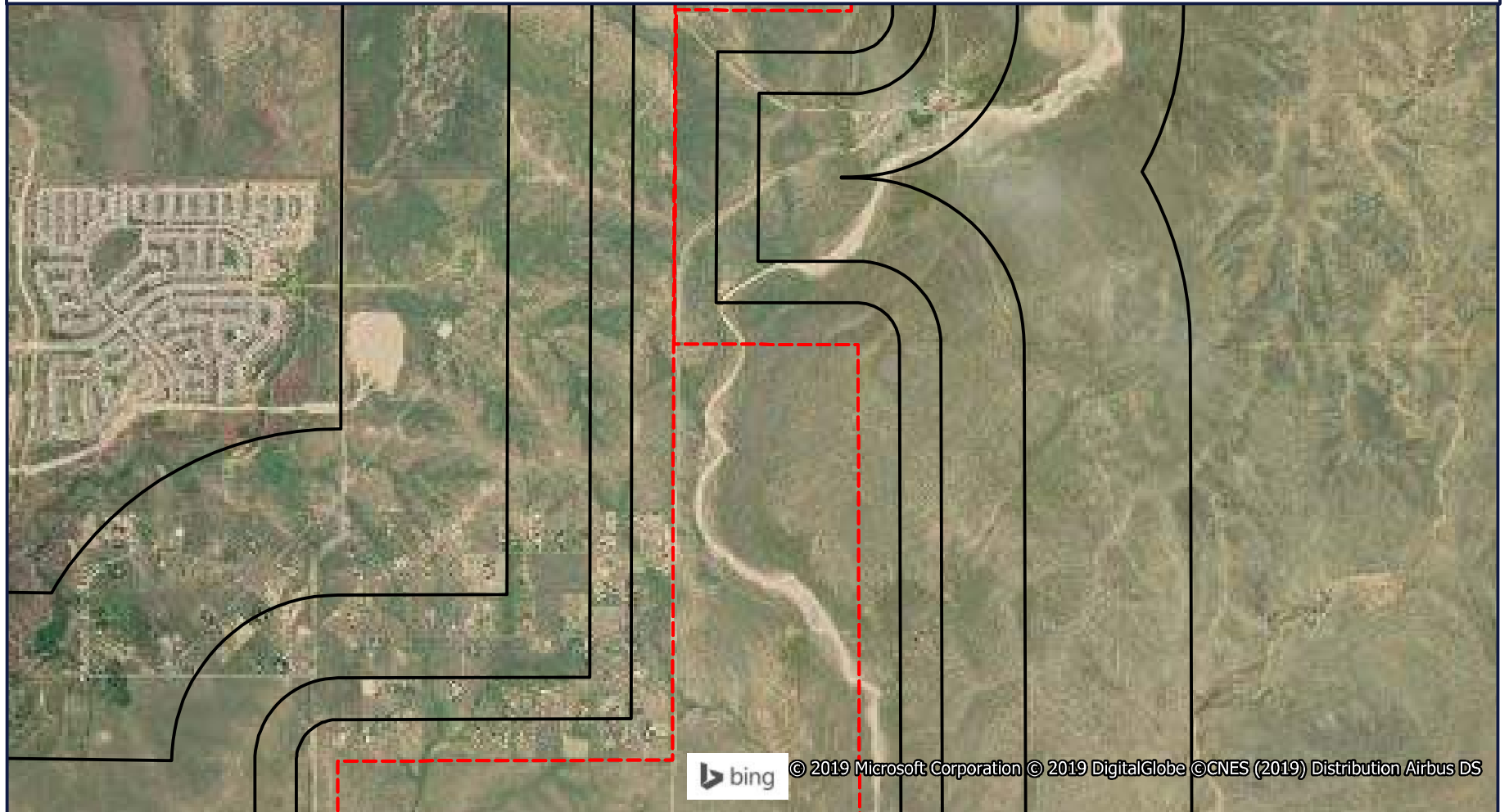


-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs
About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**

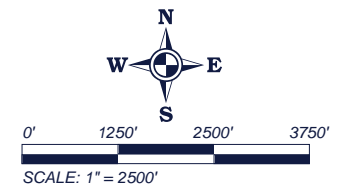


ORTHOPHOTO MAP

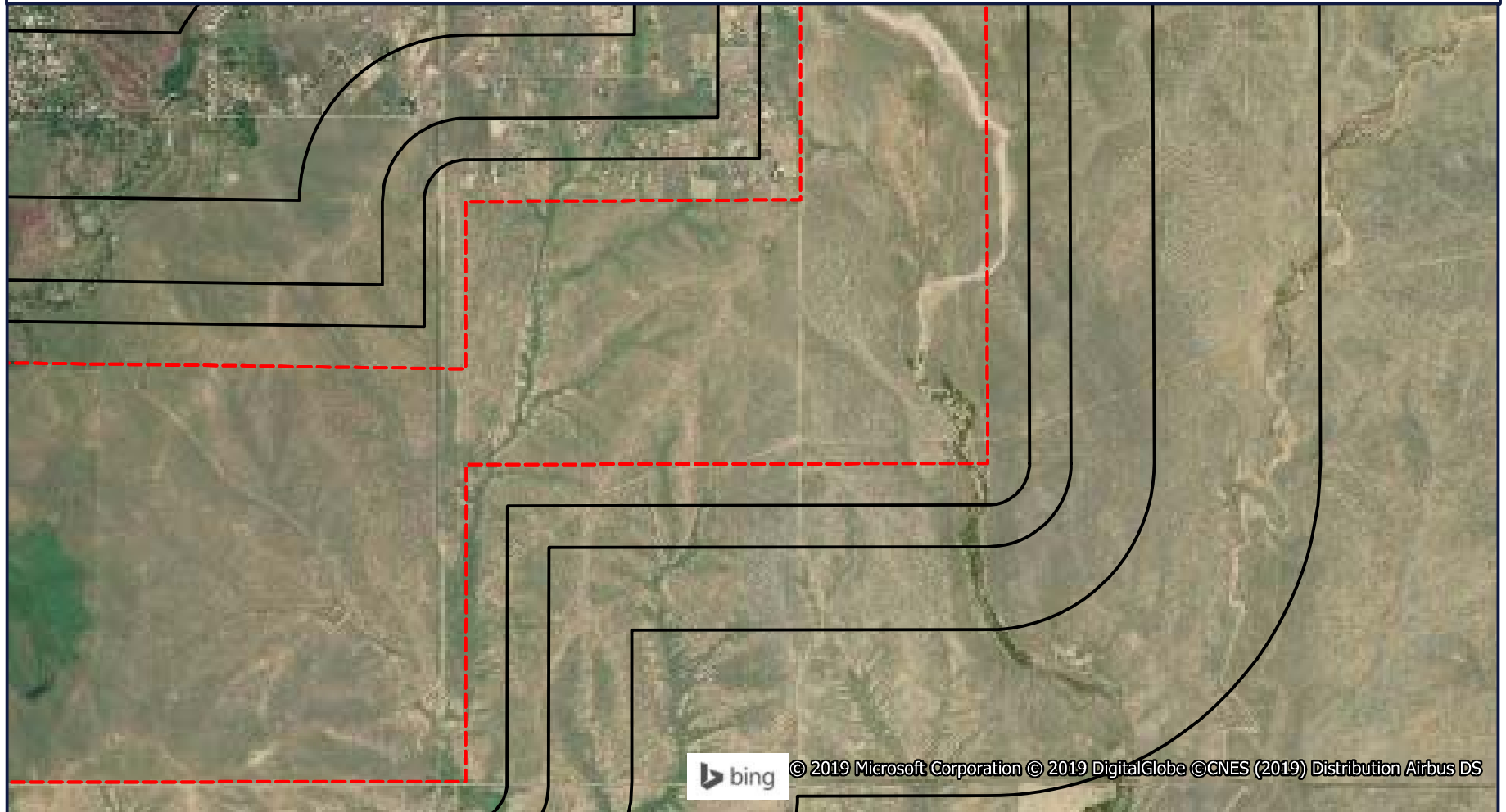


-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs
About 3, 200 Acres NE of
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Fountain, Colorado
80928**

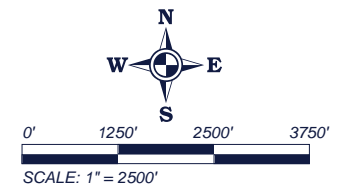


ORTHOPHOTO MAP

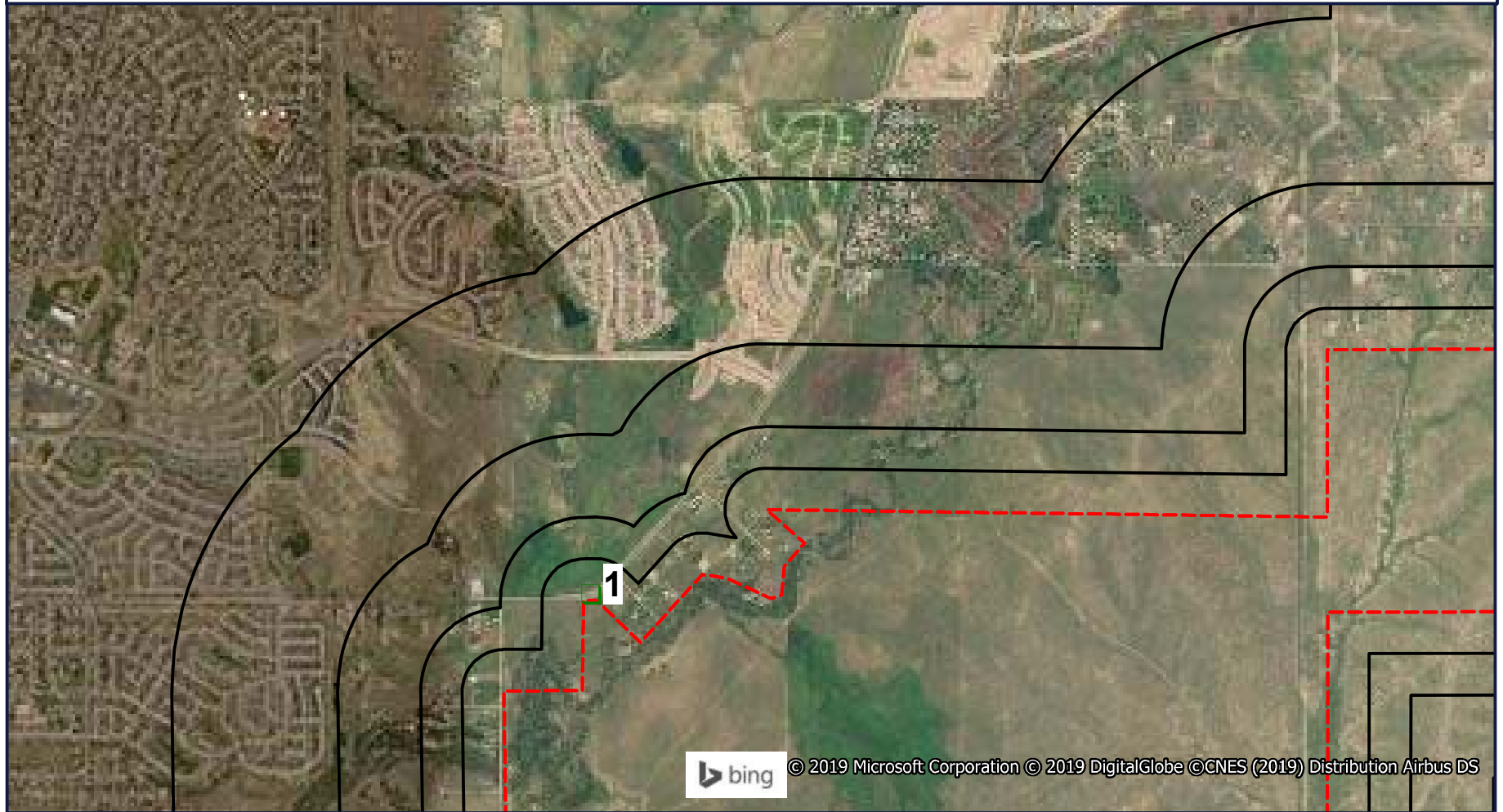



-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs
About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**

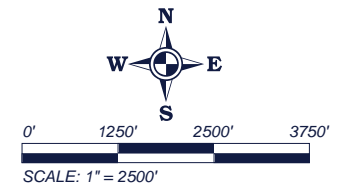


ORTHOPHOTO MAP

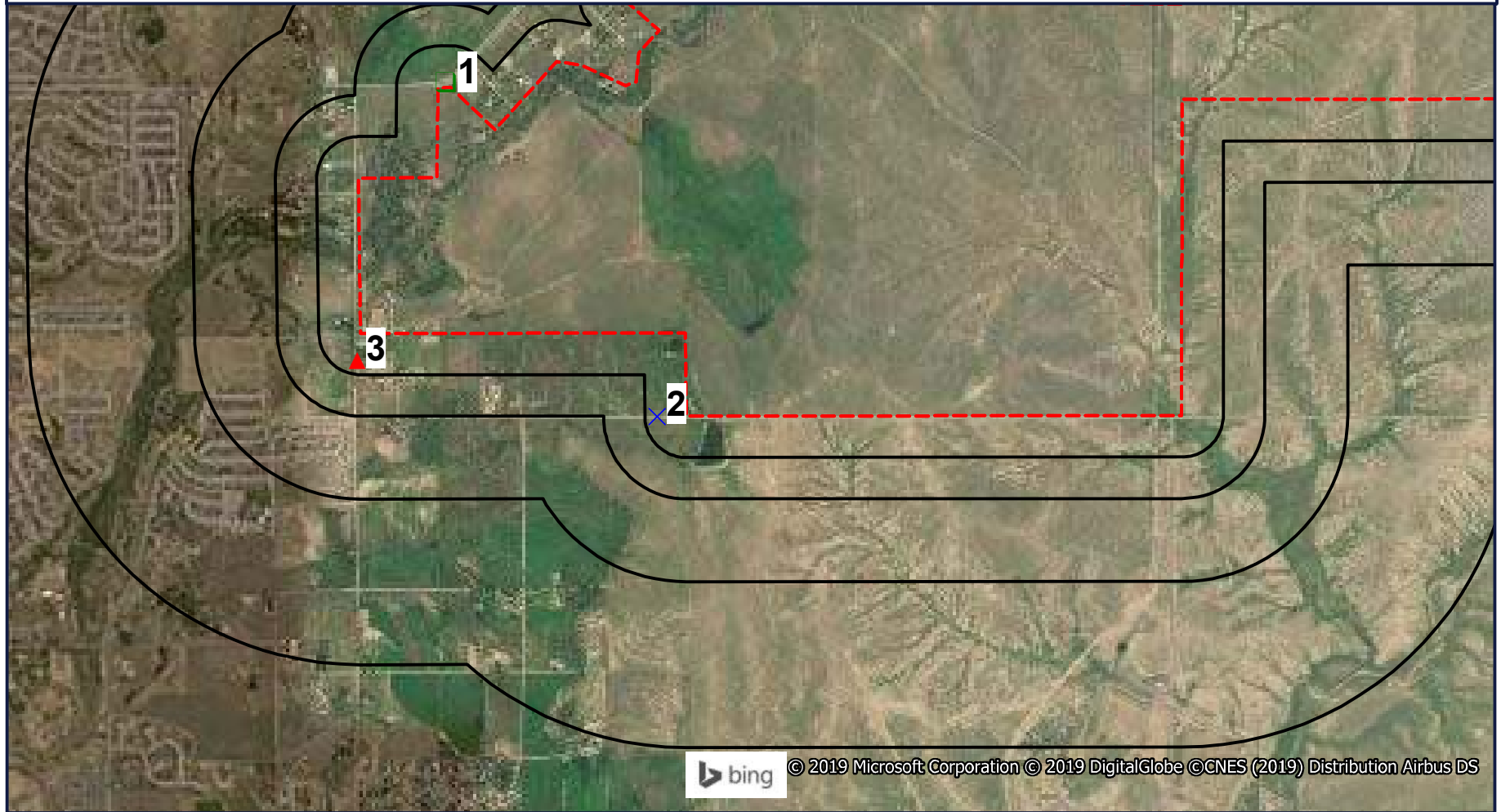


-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs
About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



ORTHOPHOTO MAP



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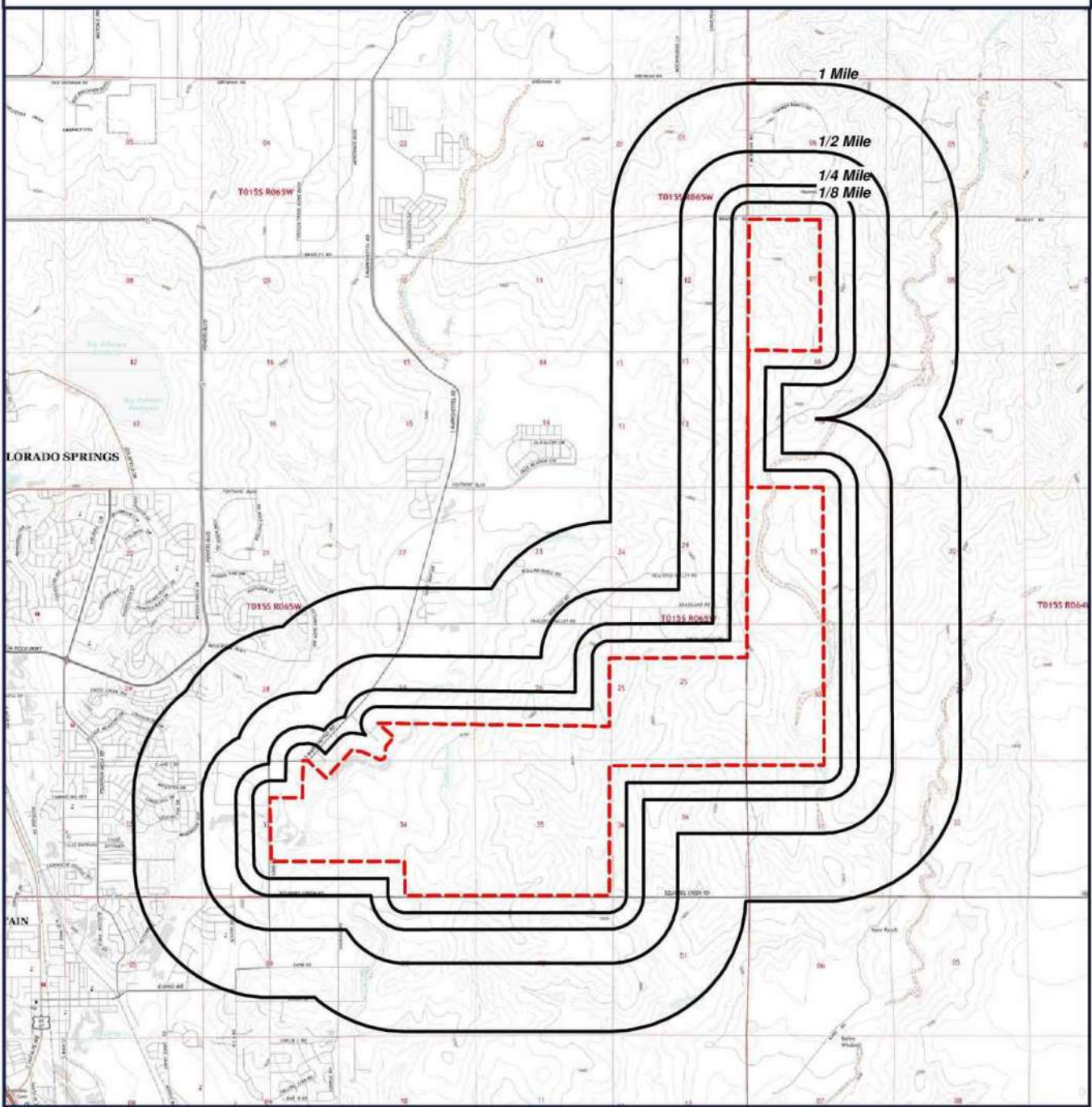
-  Target Property (TP)
-  FRSCO
-  ERNSCO
-  SPILLS

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs
About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



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Topographic_1 Map



 Target Property (TP)

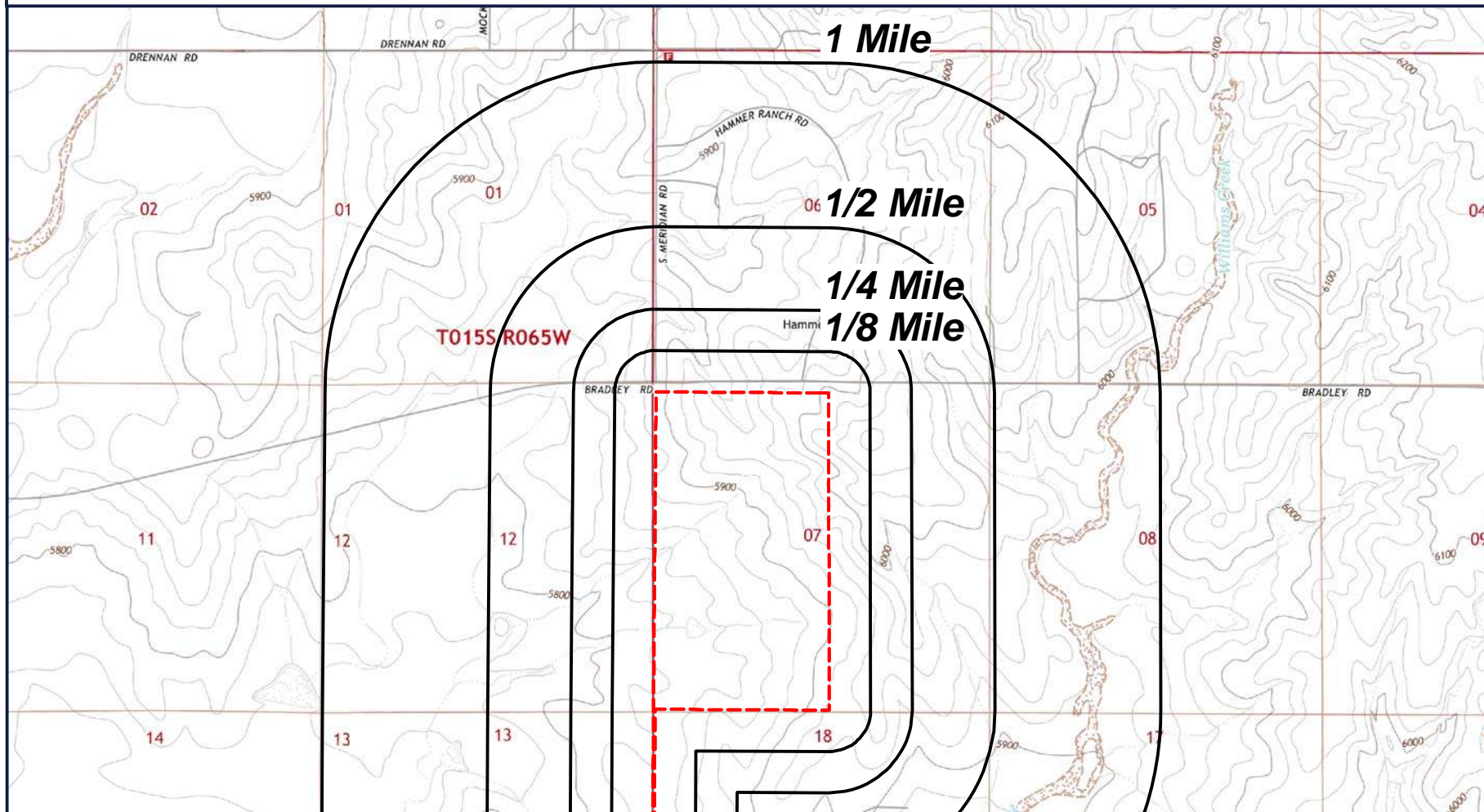
**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs**
Source: USGS, 08/09/2013
**About 3, 200 Acres NE of
Fountain, Colorado**
Fountain, Colorado
80928



0' 3000' 6000' 9000'
SCALE: 1" = 6000'

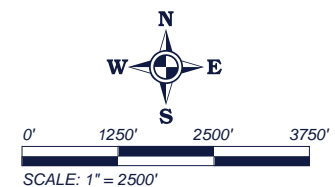
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TOPOGRAPHIC MAP



 Target Property (TP)

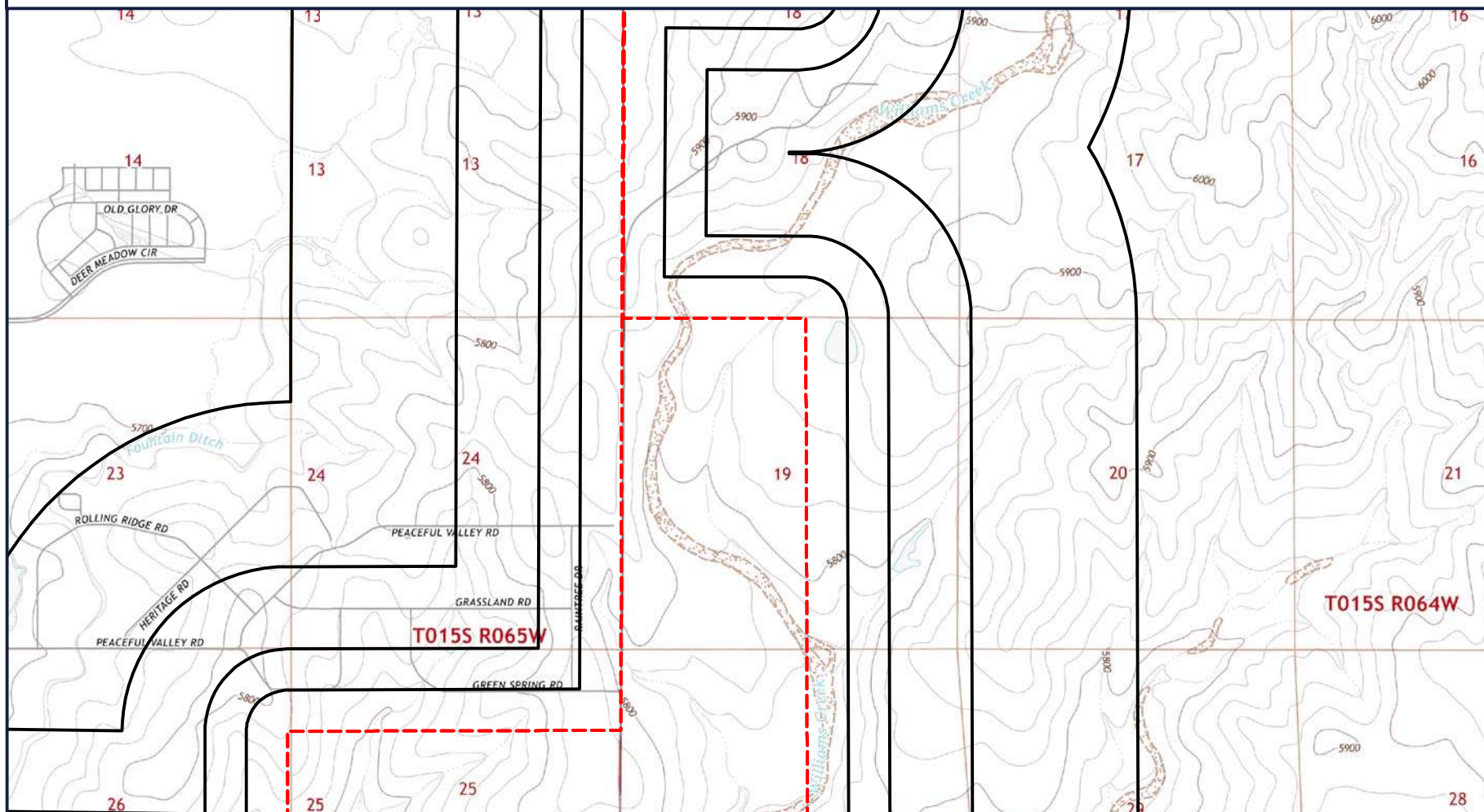
**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs**
Source: USGS, 08/09/2013
**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado**
80928



GeoSearch

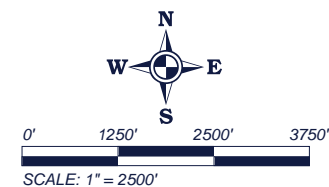
www.geo-search.net - phone: 866-396-0042 - fax: 512-472-9967

TOPOGRAPHIC MAP



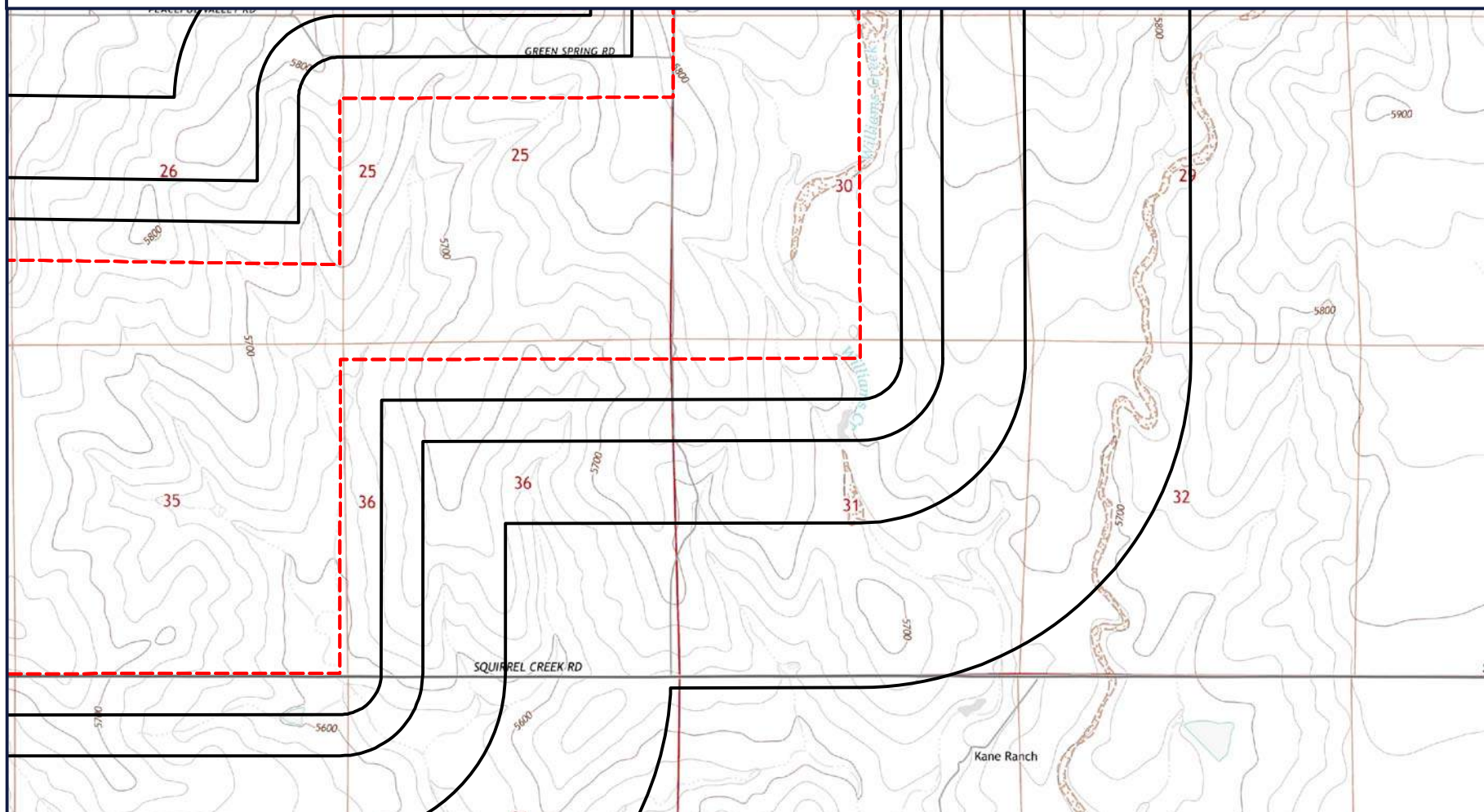
 Target Property (TP)

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs**
Source: USGS, 08/09/2013
**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



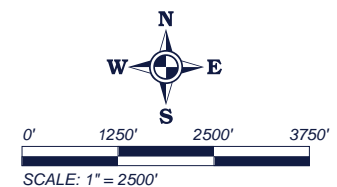
GeoSearch www.geo-search.net - phone: 866-396-0042 - fax: 512-472-9967

TOPOGRAPHIC MAP



 Target Property (TP)

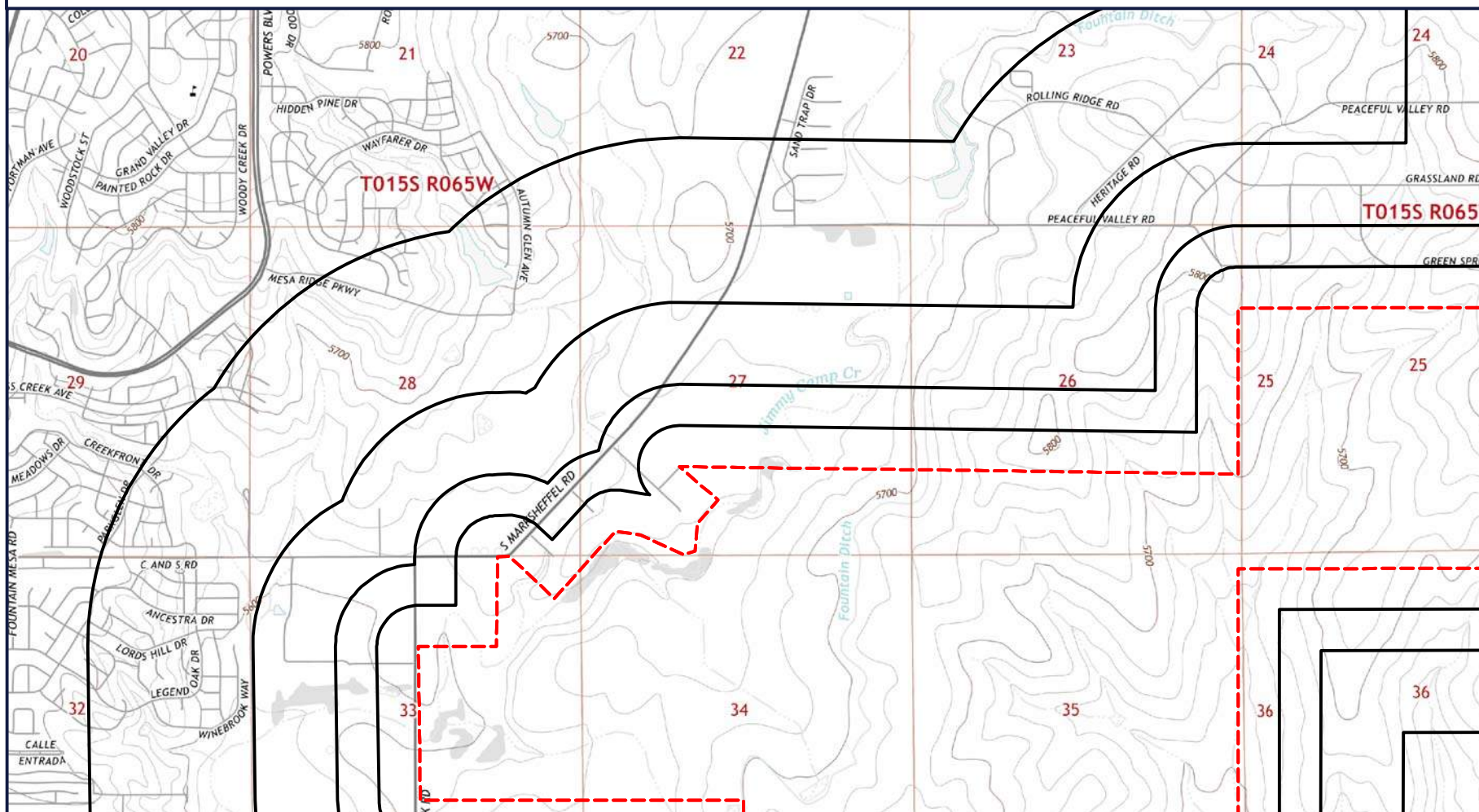
**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs**
Source: USGS, 08/09/2013
**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



GeoSearch

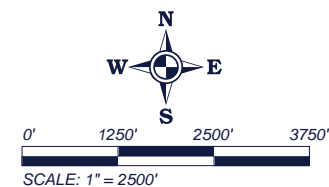
www.geo-search.net - phone: 866-396-0042 - fax: 512-472-9967

TOPOGRAPHIC MAP



 Target Property (TP)

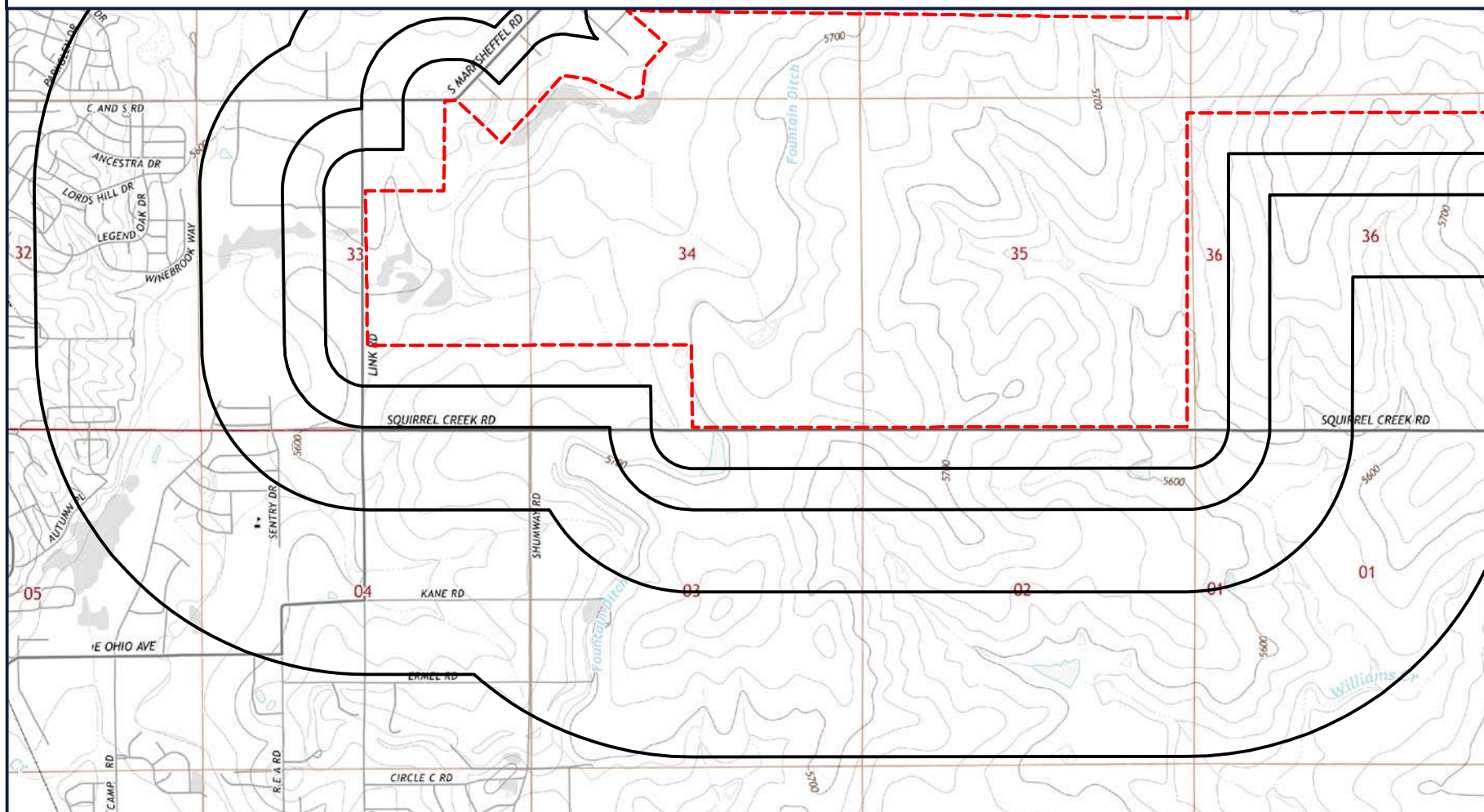
**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs**
Source: USGS, 08/09/2013
**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



GeoSearch

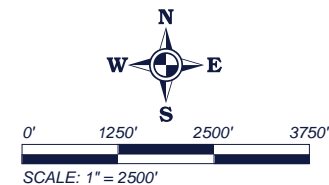
www.geo-search.net - phone: 866-396-0042 - fax: 512-472-9967

TOPOGRAPHIC MAP



 Target Property (TP)

**Quadrangle(s): Fountain,
Fountain Ne, Corral Bluffs**
Source: USGS, 08/09/2013
**About 3, 200 Acres NE of
Fountain, Colorado
Fountain, Colorado
80928**



GeoSearch

www.geo-search.net - phone: 866-396-0042 - fax: 512-472-9967

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 #
1	CDPS	COG074619	Lower (5,627 ft.)	0.005 mi. N (26 ft.)	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	30
1	CDPS	COR03L195	Lower (5,627 ft.)	0.005 mi. N (26 ft.)	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	31
1	ECHOR08	110056996407	Lower (5,627 ft.)	0.005 mi. N (26 ft.)	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	32
1	FRSCO	110056996407	Lower (5,627 ft.)	0.005 mi. N (26 ft.)	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	33
1	ICISNPDES	COG074619INP DES	Lower (5,627 ft.)	0.005 mi. N (26 ft.)	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	34
2	ERNSCO	788725	Lower (5,680 ft.)	0.088 mi. W (465 ft.)	ONE MILE EAST OF LINK ROAD	SQUIRREL CREEK ROAD, FOUNTAIN, CO	36
3	SPILLS	2001-449	Lower (5,614 ft.)	0.088 mi. S (465 ft.)		9335 LINK RD, FOUNTAIN, CO 80817	37

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: 5724 ft.

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

EQUAL/HIGHER ELEVATION

No Records Found

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	CDPS	5,627 ft.	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	30
1	CDPS	5,627 ft.	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	31
1	ECHOR08	5,627 ft.	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	32
1	FRSCO	5,627 ft.	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	33
1	ICISNPDES	5,627 ft.	JIMMY CAMP CREEK INTERCEPTOR PHASE 3	MARKSHEFFEL RD AND C AND S RD, FOUNTAIN, CO 80817	34
2	ERNSCO	5,680 ft.	ONE MILE EAST OF LINK ROAD	SQUIRREL CREEK ROAD, FOUNTAIN, CO	36
3	SPILLS	5,614 ft.		9335 LINK RD, FOUNTAIN, CO 80817	37

Colorado Discharge Permit System Facilities (CDPS)

[MAP ID# 1](#)

Distance from Property: 0.005 mi. (26 ft.) N
Elevation: 5,627 ft. (Lower than TP)

SITE INFORMATION

PERMIT NUMBER: **COG074619**

SITE NAME: **JIMMY CAMP CREEK INTERCEPTOR PHASE 3**

ADDRESS: **MARKSHEFFEL RD AND C AND S RD
FOUNTAIN, CO 80817**

PERMIT TYPE: **COG070000-CONSTRUCTION DEWATERING**

PERMITTEE: **FRAZEE CONSTRUCTION CO**

PERMIT EFFECTIVE: **1/10/2014**

STREAM SEGMENT: **NOT REPORTED**

LEGAL NAME: **NOT REPORTED**

LEGAL TITLE: **NOT REPORTED**

FACILITY CONTACT NAME: **NOT REPORTED**

DMR NAME: **NOT REPORTED**

DMR ORGANIZATION: **NOT REPORTED**

DMR TITLE: **NOT REPORTED**

[Back to Report Summary](#)

Colorado Discharge Permit System Facilities (CDPS)

[MAP ID# 1](#)

Distance from Property: 0.005 mi. (26 ft.) N
Elevation: 5,627 ft. (Lower than TP)

SITE INFORMATION

PERMIT NUMBER: **COR03L195**

SITE NAME: **JIMMY CAMP CREEK INTERCEPTOR PHASE 3**

ADDRESS: **MARKSHEFFEL RD AND C AND S RD
FOUNTAIN, CO 80817**

PERMIT TYPE: **COR030000-STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES**

PERMITTEE: **FRAZEE CONSTRUCTION CO**

PERMIT EFFECTIVE: **9/24/2013**

STREAM SEGMENT: **NOT REPORTED**

LEGAL NAME: **NOT REPORTED**

LEGAL TITLE: **NOT REPORTED**

FACILITY CONTACT NAME: **NOT REPORTED**

DMR NAME: **NOT REPORTED**

DMR ORGANIZATION: **NOT REPORTED**

DMR TITLE: **NOT REPORTED**

[Back to Report Summary](#)

Enforcement and Compliance History Information (ECHOR08)

[MAP ID# 1](#)

Distance from Property: 0.005 mi. (26 ft.) N
Elevation: 5,627 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: 110056996407

REGISTRY ID: 110056996407

NAME: JIMMY CAMP CREEK INTERCEPTOR PHASE 3

ADDRESS: MARKSHEFFEL RD AND C AND S RD
FOUNTAIN, CO 80817

COUNTY: EL PASO

FACILITY LINK: [Facility Detail Report](#)

[Back to Report Summary](#)

Facility Registry System (FRSCO)

[MAP ID# 1](#)

Distance from Property: 0.005 mi. (26 ft.) N
Elevation: 5,627 ft. (Lower than TP)

FACILITY INFORMATION

REGISTRY ID: 110056996407

NAME: JIMMY CAMP CREEK INTERCEPTOR PHASE 3

LOCATION ADDRESS: MARKSHEFFEL RD AND C AND S RD
FOUNTAIN, CO 80817

COUNTY: EL PASO

EPA REGION: 08

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

JIMMY CAMP CREEK INTERCEPTOR PHASE 3

PROGRAM/S LISTED FOR THIS FACILITY

NPDES - NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

1799 - SPECIAL TRADE CONTRACTORS, NOT ELSEWHERE CLASSIFIED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

[Back to Report Summary](#)

Integrated Compliance Information System National Pollutant Discharge Elimination System (ICISNPDES)

MAP ID# 1

Distance from Property: 0.005 mi. (26 ft.) N
Elevation: 5,627 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: **COG074619INPDES**
NPDES ID: **COG074619** FACILITY #: **110056996407**
NAME: **JIMMY CAMP CREEK INTERCEPTOR PHASE 3**
PHYSICAL ADDRESS: **MARKSHEFFEL RD AND C AND S RD**
FOUNTAIN CO 80817
COUNTY: **EL PASO**
FACILITY TYPE: **NOT REPORTED**
IMPAIRED WATERS: **303(D) LISTED**

STANDARD INDUSTRIAL CLASSIFICATION

1799-SPECIAL TRADE CONTRACTORS

PERMITS

FACILITY TYPE INDICATOR: **NON-POTABLE WATER**
PERMIT TYPE: **GENERAL PERMIT COVERED FACILITY**
MAJOR MINOR FACILITY: **MINOR DISCHARGER**
PERMIT STATUS: **TERMINATED**
WATER BODY: **JIMMY CAMP CREEK - FOUNTAIN CREEK**
PERMIT NAME: **FRAZEE CONSTRUCTION CO**
AGENCY TYPE: **STATE**
ORIGINAL ISSUE DATE: **1/10/2014**
ISSUE DATE: **1/10/2014**
ISSUING AGENCY: **NOT REPORTED**
EFFECTIVE DATE: **1/10/2014**
EXPIRATION DATE: **8/31/2018**
RETIREMENT DATE: **NOT REPORTED**
TERMINATION DATE: **6/1/2014**
PERMIT COMPLIANCE STATUS: **YES**
PERMIT SUBJECT TO DMR RUN: **NOT REPORTED**
REPORTABLE NONCOMPLIANCE TRACKING IS ON: **YES**

INSPECTIONS

- NO INSPECTIONS REPORTED -

HISTORIC COMPLIANCE

HISTORIC NON-COMPLIANCE QUARTER (YYYYQ): **20144**
HISTORIC NON-COMPLIANCE: **UNDETERMINED QNCR STATUS - INSUFFICIENT DATA, OR PERMITEE IS A MINOR DISCHARGER NOT SUBJECT TO MANDATORY REPORTING**

NUMBER OF E90 VIOLATIONS: **0**
NUMBER OF COMPLIANCE SCHEDULE VIOLATIONS: **0**
NUMBER OF SINGLE EVENT VIOLATIONS: **0**
NUMBER OF PERMIT SCHEDULE VIOLATIONS: **0**

HISTORIC NON-COMPLIANCE QUARTER (YYYYQ): **20143**
HISTORIC NON-COMPLIANCE: **UNDETERMINED QNCR STATUS - INSUFFICIENT DATA, OR PERMITEE IS A MINOR**

Integrated Compliance Information System National Pollutant Discharge Elimination System (ICISNPDES)

DISCHARGER NOT SUBJECT TO MANDATORY REPORTING

NUMBER OF E90 VIOLATIONS: 0

NUMBER OF COMPLIANCE SCHEDULE VIOLATIONS: 0

NUMBER OF SINGLE EVENT VIOLATIONS: 0

NUMBER OF PERMIT SCHEDULE VIOLATIONS: 0

SINGLE EVENT VIOLATIONS

- NO SINGLE EVENT VIOLATIONS REPORTED -

FORMAL ENFORCEMENT ACTIONS

- NO FORMAL ENFORCEMENT ACTIONS REPORTED -

EFFLUENT VIOLATIONS

- NOT REPORTED -

EFFLUENT VIOLATIONS contd..

- NOT REPORTED -

EFFLUENT VIOLATIONS contd..

- NOT REPORTED -

[Back to Report Summary](#)

Emergency Response Notification System (ERNSCO)

MAP ID# 2

Distance from Property: 0.088 mi. (465 ft.) W
Elevation: 5,680 ft. (Lower than TP)

INCIDENT INFORMATION

GSID#: 788725

NRC ID#: 788725

INCIDENT LOCATION: ONE MILE EAST OF LINK ROAD

INCIDENT ADDRESS: SQUIRREL CREEK ROAD
FOUNTAIN, CO

INCIDENT COUNTY: EL PASO

INCIDENT DETAILS

INCIDENT DATE: 2/18/2006 8:41:00 AM

INCIDENT CAUSE: UNKNOWN

INCIDENT TYPE: MOBILE

INCIDENT OCCURED/DISCOVERED: OCCURRED

INCIDENT DESCRIPTION: CALLER STATED THERE WAS A RELEASE OF MATERIALS FROM THE SADDLE TANKS OF A TRACTOR TRAILER DUE TO A TRAILER COMING LOOSE FROM A PASSENGER VEHICLE AND GOING INTO THE ONCOMING LANE OF TRAFFIC. THE TRAILER WENT UNDER THE TRACTOR TRAILER TRUCK AND STRUCK SAD

RESPONSIBLE PARTY

RESPONSIBLE COMPANY: US WASTE INDUSTRIES INC.

ADDRESS: ADDRESS NOT REPORTED

COLORADO SPRINGS CO 80915

RESPONSIBLE COMPANY ORGANIZATION TYPE: PRIVATE ENTERPRISE

MATERIALS INVOLVED

CHRIS CODE: OOD

MATERIAL REACHED WATER: NO

WATER AMOUNT: UNKNOWN AMOUNT / NOT REPORTED

MATERIAL RELEASED/AMOUNT: OIL, FUEL: NO. 1-D / 75 GALLON(S)

OTHER MATERIALS INVOLVED

- NO OTHER MATERIALS INVOLVED -

REMEDIAL ACTION

REMEDIAL ACTION: CALLER STATED ABSORBENT AND DIRT WERE PLACED ONTO THE ROADWAY TO ABSORB THE RELEASE AND THEN MOVED TO THE SHOULDER.

[Back to Report Summary](#)

Spills Listing (SPILLS)

MAP ID# 3

Distance from Property: 0.088 mi. (465 ft.) S

Elevation: 5,614 ft. (Lower than TP)

INCIDENT INFORMATION

CASE NUMBER: 2001-449 NRC NUMBER: NOT REPORTED

SPILL DATE: 10/03/01

SPILL LOCATION: 9335 LINK RD

SPILL CITY/STATE/ZIP: FOUNTAIN, CO 80817

SPILL COUNTY: EL PASO

RESPONSIBLE PARTY

NAME: UNKNOWN

ADDRESS: STREET NOT REPORTED
CITY NOT REPORTED, CO

COUNTY: NOT REPORTED

CONTACT: NOT REPORTED

PHONE: NOT REPORTED

INCIDENT DETAILS

SOURCE: FIXED FACILITY

SOURCE TYPE: METH LAB

MEDIUM: FIXED FACILITY

WATERWAY: NOT REPORTED

CAUSE: O

MATERIAL TYPE: METH LAB

MATERIAL DESCRIPTION:
METH LAB

MATERIAL QUANTITY:
NOT REPORTED

WATER QUANTITY:
NOT REPORTED

CAUSE INFORMATION:

CRIMINAL INTENT, DRUG LAB.

ACTION:

RM CAT CONTACTED TO REMOVE CHEMICAL AND CLEAN UP SITE.

RESPONSE COMMENTS:

NOT REPORTED

COMMENTS:

LAB AND LAB WASTE PRIMARILY CONTAINED IN SMALL BEDROOM, KITCHEN AND EXTERIOR FRONT PORCH. SOLVENT OD

[Back to Report Summary](#)

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

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: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. 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: 09/01/18

The EPA'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.

FRSCO

Facility Registry System

VERSION DATE: 10/09/18

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.

ICIS

Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/01/18

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

Environmental Records Definitions - FEDERAL

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.

PADS PCB Activity Database System

VERSION DATE: 09/14/18

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

Environmental Records Definitions - FEDERAL

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: 11/21/18

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

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.

Environmental Records Definitions - FEDERAL

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.)

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.

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.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 10/05/17

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.

Environmental Records Definitions - FEDERAL

ERNSCO Emergency Response Notification System

VERSION DATE: 10/28/18

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.

HMIRSR08 Hazardous Materials Incident Reporting System

VERSION DATE: 09/30/18

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.

TRI Toxics Release Inventory

VERSION DATE: 12/31/16

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.

ALTFUELS Alternative Fueling Stations

VERSION DATE: 09/01/18

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).

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.

Environmental Records Definitions - FEDERAL

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: 09/01/18

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.

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: 08/31/18

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).

RCRAGR08 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA)

Environmental Records Definitions - FEDERAL

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 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: 12/17/18

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.

BF

Brownfields Management System

VERSION DATE: 12/21/18

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.

NLRRCRAT

No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 12/17/18

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.

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.

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

VERSION DATE: 12/17/18

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: 12/12/18

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.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 12/13/18

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: 09/14/18

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, 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 Records Definitions - FEDERAL

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).

DNPL Delisted National Priorities List

VERSION DATE: 11/14/18

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.

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.

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NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/17/18

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: 11/14/18

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: 11/14/18

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: 12/17/18

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

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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: 12/17/18

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: 08/13/18

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.

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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: 10/17/18

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: 01/31/19

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.

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

Environmental Records Definitions - STATE (CO)

APCDP Air Pollution Control Division Permitted Facilities

VERSION DATE: 11/01/18

The Stationary Sources Program, located within the Air Pollution Control Division of the Colorado Department of Public Health and Environment, 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.

CLEANERS Dry Cleaning Facilities

VERSION DATE: 11/01/18

This database contains dry cleaners which have obtained an air permit through the Air Pollution Control Division at the Colorado Department of Public Health and Environment.

SPILLS Spills Listing

VERSION DATE: 11/30/18

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

AST Aboveground Storage Tank Facilities

VERSION DATE: 12/20/18

The Oil and Public Safety Division of the Colorado Department of Labor and Employment maintains this list of aboveground storage tank (AST) facilities. This AST database also includes other types of storage tank facilities such as liquefied petroleum gas (LPG), vehicle tank meters (VTM), and compressed natural gas facilities.

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 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.

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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.

UST Underground Storage Tank Facilities

VERSION DATE: 12/20/18

The Oil and Public Safety Division of the Colorado Department of Labor and Employment maintains this list of underground storage tank facilities.

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: 12/20/18

The Oil and Public Safety Division of the Colorado Department of Labor and Employment maintains this list of aboveground and underground storage tank facilities with confirmed releases.

LUSTTRUST Leaking Underground Storage Tanks Trust Fund Sites

VERSION DATE: 01/01/00

Suspected tank leaks have been discovered at the sites included in this database, but the facility responsible for

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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 database was provided by the Colorado Department of Labor & Employment, Division of Oil and Public Safety, State Fund Section and is no longer updated.

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: 01/04/19

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.

VCRA Voluntary Cleanup and Redevelopment Program Sites

VERSION DATE: 01/11/19

This site listing is provided 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.

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

Environmental Records Definitions - STATE (CO)

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: 06/22/18

This listing 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: 04/25/18

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: 04/25/18

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 C
RESUMES

Resume

DANA HARRIS

Environmental Department Manager

EDUCATION

B.A. Environmental Science
University of Virginia, 1992

TRAINING & CERTIFICATIONS

Certified Asbestos Inspector
Certified Asbestos Air Monitoring Specialist
CDOT Certified Erosion Control Supervisor

PROFESSIONAL SUMMARY

Mr. Harris joined CTL|Thompson in 2012 with 20 years of experience in environmental consulting. As the Environmental Department Manager in our Fort Collins office, his responsibilities include project management and consultation on all environmental-related issues.

He comes with an extensive experience background, including experience in Phase I and Phase II Environmental Site Assessments, Brownfield redevelopments and voluntary cleanup programs, asbestos, mold, and environmental regulatory compliance and permitting.

He manages environmental projects including inspections, planning, design, and remediation oversight. He is also experienced in environmental assessments, indoor air quality, risk assessments, underground storage tank investigations, spill assessments, and soil and groundwater remediation. He provides technical and health and safety training to clients for compliance with USEPA, OSHA, and DOT, and State regulations.

PROJECT EXPERIENCE

Fort Collins-Loveland Airport, Loveland, Colorado

Project manager and senior technical staff member for assessment activities and risk-based closures associated with releases of aviation fuel (2004) and chlorinated solvents (2008) at a fixed based operations (FBO) hangar facility. For both releases, conducted soil and groundwater sampling and laboratory analyses, conducted contaminant fate and transport modeling, performed comprehensive human health risk assessments, and petitioned for risk-based case closure. Closure granted for 2004 petroleum release, and closure pending for chlorinated solvent release, contingent on airport management implementation of risk-based property use restrictions.

Historic Dinneen Building, Cheyenne, Wyoming

Project manager for Wyoming Department of Environmental Quality (WDEQ) Voluntary Remediation Program (VRP) assessment and remediation of historic automotive dealer, repair shop, and body shop. Soil and groundwater investigation identified contamination with chlorinated solvents, heavy metals, and petroleum constituents. Performed risk assessment, developed remediation work plan that was approved by WDEQ and implemented in conjunction with site construction activities.

Resume

DANA HARRIS

Environmental Department Manager

JC Penney Demolition, Fort Collins, Colorado

Project manager, asbestos inspector, and air monitoring specialist for pre-demolition asbestos survey, asbestos abatement contractor procurement, and asbestos abatement project oversight and air monitoring for former JC Penney store scheduled for demolition at Fort Collins Mall.

Rialto Bridge Project, Loveland, Colorado

Project manager for pre-demolition activities at two buildings being purchased for expansion of the historic Rialto Theater. Conducted asbestos survey, hazardous materials survey, developed asbestos abatement cost estimates, developed abatement project specifications and obtained contractor bids, performed oversight and air monitoring services for asbestos and hazardous materials abatement.

Higher Education Projects

Performed project management, asbestos surveys, and air monitoring services for various higher education facilities, including Colorado State University (CSU) Fort Collins and Pueblo campuses, University of Colorado (Boulder and Denver Health campuses), University of Wyoming, AIMS Community College, and Front Range Community College.

K-12 Education Projects

Performed project management, asbestos surveys, AHERA Management Plan Update/Re-Inspections, asbestos training, and air monitoring services for various K-12 facilities, including Aurora Public Schools and Thompson Valley Schools in the Front Range; Eagle Schools, Grand County Schools and Walden Schools on the Western Slope; Weldon Valley Schools, Wray Schools, and the Northeast Colorado Boards of Cooperative Educational Services (BOCES) in Eastern Colorado.

Phase I ESAs

Have managed more than 1,000 Phase I ESAs in more than 30 states in the U.S., as well as ASTM-equivalent site assessments in Europe and South America.

Stormwater

Managed and performed industrial and construction stormwater compliance projects, including permitting, preparation of stormwater pollution prevention plans, and field inspections of erosion control and sedimentation control best management practices (BMPs). Experienced with 2008 EPA Multi-Sector General Permit (MSGP) requirements, which was implemented in draft form by the state of Colorado in 2012. Experience with large and small construction sites, industrial sites, and oil and gas facilities, which the States of Colorado and Wyoming chose not to exempt from stormwater regulation despite the provisions of the 2005 National Energy Policy.

Spill Prevention Control and Countermeasures (SPCC)

Managed and performed SPCCs for various facilities, including oil and gas exploration facilities, oil and gas production facilities, oil and gas waste disposal facilities, dairy facilities, and general non-production facilities with regulated oil storage. Prepared contingency plans and substantial harm/facility response plan evaluations for special facilities (operations over water and/or greater than 1,000,000 gallons of storage). Managed tank testing per Steel Tank Institute (STI) and American Petroleum Institute (API) standards.

Waste Management and Air Emissions

Managed solid waste design and monitoring projects including private Cheley landfill closure in Estes Park and A1 Organic composting facilities across the Front Range. Performed hazardous waste management, characterization, and disposal assistance for facilities including CSU Fort Collins, City of Loveland, and private entities. Managed and performed air emissions (APENs) for oil and gas facilities.

Patrick Foley, EIT

Staff Engineer

Professional Summary

Years of Experience

9 Years at CTL | Thompson, Inc.
3 Years Performing Phase I ESA's

Education

B.S. Civil Engineering Technology,
Colorado State University, Pueblo

Professional Registration

Engineer in Training (EIT), Colorado

Commercial Building Inspector
Certified,
Certification No. 8067304

Mr. Patrick Foley began his career with CTL | Thompson in the Colorado Springs office in 2007 where he currently works as a Staff Engineer and Inspector. Patrick completes engineering reports for Geo-technical, and Environmental Phase 1 Site Assessments. Over the past three years he has completed over 50 Phase I ESA reports throughout southern Colorado. He has performed Phase I ESA's for industrial warehouses, commercial buildings, residential properties, as well as vacant properties. He has become very familiar with where and how to "dig deep" for older historical information with past experience in older towns and cities such as Trinidad and Pueblo, Colorado. He has a large list of resources acquired from the past years of historical research in southern Colorado. Supervision of his work is by his Environmental Department Manager with over 15 years of experience.

Project Experience

Old Marty Feed Store, Trinidad, Colorado

Patrick performed a Phase I ESA for three buildings with over 120 years of history and located in the heart of historic downtown Trinidad, Colorado. We performed intensive Phase I ESA research for the three buildings and discovered that past occupants consisted of several businesses found to have possibly handled solvents. CTL recommend a Phase I ESA be completed for this project.

Vacant Commercial Lots near Barnes and Powers Colorado Springs, Colorado

Patrick performed a Phase I ESA for a 20-acre plot of vacant land located in eastern Colorado Springs, Colorado. We performed a Phase I ESA and our research efforts found that fill had been placed on the Site for over 30 years. During our detailed research and interview process we found that fill originated from contaminated sources. CTL concluded the contaminated fill materials present a business environmental risk to the client. CTL will perform a Phase II ESA for the Site if the client desires that one be completed. The Phase II ESA portion of this project has not been requested.

Ute Valley Gateway, Phase II The City of Colorado Springs Parks, Recreation and Cultural Services Department The Trust for Public Land, Colorado Office Colorado Springs, Colorado

Patrick performed a Phase I ESA for 110 acres of mostly vacant land located in northwestern Colorado Springs, Colorado. The Phase I was required for the purchase of the 110 acres for the purpose of expanding the Ute Valley Park, a popular outdoor recreational area in the city. We performed a Phase I ESA for the Site that was adjacent to computer manufacturing facilities. We used our extensive research practices and we were able to use past geotechnical data to assist in our conclusions for the Site. We did not find environmental concerns at the site.

Vacant lots within the Minnequa Industrial Park Pueblo, Colorado

Patrick performed a Phase I ESA for several vacant parcels of land planned for new industrial development located in southern Pueblo, Colorado. The Site is located just west of the Evraz Steel Mill in Pueblo. Due to the location, we paid special attention to the nearby Steel Mill Property. The information that was obtained helped us conclude no environmental hazards were present on or adjacent to the Site.