TETRA TECH

February 23, 2021

Mr. Greg Davis
Work Assignment Manager
U.S. Environmental Protection Agency, Region 8
Brownfields and Redevelopment Branch
1595 Wynkoop Street
Denver, Colorado 80202

Subject: **Targeted Brownfields Assessment – Phase I Environmental Site Assessment**
Hilger VFD
Section 12, Township 17 North, Range 18 East, Lots 4, 5, and 6, Block 12
Hilger, Fergus County, Montana
U.S. EPA Region 8, START V, Contract No. 68HE082D0001
Task Order No. 82
Technical Direction No. 2010-12
Work Assignment Manager: Greg Davis

Dear Mr. Davis:

Tetra Tech, Inc. is submitting the enclosed Targeted Brownfields Assessment (TBA) Phase I Environmental Site Assessment (ESA) report for the Hilger Volunteer Fire Department (VFD) property (subject property) located in Hilger, Fergus County, Montana. The goal of the TBA Phase I ESA is to identify recognized environmental conditions (REC), historical RECs, and controlled RECs associated with the subject property. This TBA Phase I ESA was completed in accordance with industry standard practice for Phase I ESAs.

If you have any questions or comments regarding this submittal, please call me at (303) 291-8850.

Sincerely,

Kathleen Knox
START V Project Manager

Enclosures

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TARGETED BROWNFIELDS ASSESSMENT
PHASE I ENVIRONMENTAL SITE ASSESSMENT

HILGER VFD
SECTION 12, TOWNSHIP 17 NORTH, RANGE 18 EAST
LOTS 4, 5, AND 6, BLOCK 12
HILGER, MONTANA

Superfund Technical Assessment and Response Team (START) V Contract
Contract No. 68HE082D0001, Task Order No. 82, Technical Direction No. 2010-12

Prepared For:

U.S. Environmental Protection Agency
Region 8
Brownfields and Redevelopment Branch
1595 Wynkoop Street
Denver, Colorado 80202

February 23, 2021

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CONTENTS

Section **Page**

CONTENTS

Section **Page**

CONTENTS

APPENDICES*

*Select pages in the appendices are scanned documents and may be distorted or indecipherable

TABLES

ACRONYMS

AAI	All Appropriate Inquiries
ACM	Asbestos-Containing Material
ACRES	Assessment, Cleanup and Redevelopment Exchange System
AST	Aboveground Storage Tank
ASTM	ASTM International
AUL	Activity and Use Limitation
BER	Business Environmental Risk
CFR	*Code of Federal Regulations*
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CREC	Controlled Recognized Environmental Condition
DEQ	Department of Environmental Quality
EP	Environmental Professional
EPA	U.S. Environmental Protection Agency
ERIS	Environmental Risk Information Services
ESA	Environmental Site Assessment
FED BROWNFIELDS	Assessment, Cleanup and Redevelopment Exchange System Brownfield Database
FEMA	Federal Emergency Management Agency
HMIRS	Hazardous Material Information Reporting System
HREC	Historical Recognized Environmental Condition
LBP	Lead-Based Paint
LUST	Leaking Underground Storage Tank
MPRA	Montana Public Records Act
NFCA	No Further Corrective Action
PCB	Polychlorinated Biphenyl
ppm	Parts per Million
REC	Recognized Environmental Condition
SOW	Scope of Work
SPILLS	Hazardous Material Spills Report
SMDC	Snowy Mountain Development Corporation
START	Superfund Technical Assessment and Response Team
SVOC	Semivolatile Organic Compounds
TBA	Targeted Brownfields Assessment
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VFD	Volunteer Fire Department
VOC	Volatile Organic Compounds

EXECUTIVE SUMMARY

The U.S. Environmental Protection Agency (EPA) Region 8 Land, Chemicals, and Redevelopment Division tasked Tetra Tech, Inc. (Tetra Tech) Region 8 Superfund Technical Assessment and Response Team (START) V to conduct a Targeted Brownfields Assessment (TBA) Phase I Environmental Site Assessment (ESA) at the Hilger Volunteer Fire Department (VFD) property located at the northwest corner of Swope Street and 1st Avenue in Hilger, Fergus County, Montana (subject property). On behalf of Fergus County, Montana, the Snowy Mountain Development Corporation (SMDC) requested EPA to perform a Phase I ESA at the subject property.

The subject property is a 0.482-acre unoccupied lot with no structures that is used for scrap metal, materials, and equipment storage. The subject property has historically been used for vehicle, heavy equipment, and agricultural machinery storage.

START V conducted this Phase I ESA in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM International (ASTM) designation E 1527-13 (ASTM 2013), and otherwise in compliance with EPA's All Appropriate Inquiries Rule (AAI Rule) (40 *Code of Federal Regulations* [CFR] Part 312).

The purpose of this Phase I ESA is to identify recognized environmental conditions (REC), historical RECs (HREC), controlled RECs (CREC), business environmental risks (BER), and vapor encroachment conditions (VEC) associated with the subject property, and to identify the nature of contamination and risks posed by the contamination, if present. This executive summary is presented for convenience only. While the executive summary is an integral part of the report, it should not be used in lieu of reading the entire report, including the appendices.

Findings and Opinions

Review of historical documentation and observations made during site reconnaissance identified the following RECs and VEC to the subject property:

- The subject property has been used for the storage of vehicles, heavy machinery, and agricultural equipment since at least 1997. Based on the potential for releases of hazardous substances or petroleum products to have impacted the subject property, the historical use of the subject property poses a REC to the subject property.
- Hilger Country Store is located approximately 0.1 mile north-northeast of the subject property at 14762 U.S. Highway 191. The facility was identified in the Environmental Risk Information

Services (ERIS) report in the Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database (FED BROWNFIELDS), Leaking Underground Storage Tank (LUST) database, and Underground Storage Tank (UST) database. The facility operated as a grocery store and fueling station from 1983 to 1986 (Tetra Tech 2015b). Two 1,000-gallon gasoline USTs and two 657-gallon gasoline USTs are listed as permanently closed and removed from the ground and were likely removed in 1985 (ERIS 2020d; Tetra Tech 2015b). Petroleum contamination was discovered at the facility during preconstruction activities for the adjacent highway in January 2008. A Phase II ESA conducted in 2015 identified the presence of soil and groundwater contamination at the facility (Tetra Tech 2015b). The Montana Department of Environmental Quality (DEQ) provided Tetra Tech with records indicating that the corrective action at the facility is ongoing. Previous reports indicate uncertainty regarding groundwater flow at the site. Based on the proximity of the facility to the subject property, the uncertainty regarding the flow of groundwater at the facility, and the potential for petroleum products released at the site to have impacted the subject property, this site poses a REC to the subject property. In addition, the potential presence of petroleum products impacting the subject property poses a VEC to the subject property.

- A former salvage yard was observed on the southeastern adjacent property. This property operated as Hilger Auto Dynamics from approximately 1978 to 2013 (Lewistown News-Argus 2018). Based on the potential for release of petroleum products to impact the subject property, the operation of a salvage yard on the southeastern adjacent property for approximately 35 years is considered to pose a REC to the subject property.

Recommendations

Prior to redevelopment for the use of training or an expansion of the current Hilger VFD, START V recommends conducting a Phase II ESA to investigate the presence and extent of soil and groundwater contamination associated with the Hilger Country Store, Hilger Auto Dynamics, and historical use of the subject property as a storage area for vehicles, heavy equipment, and agricultural machinery.

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 8 Land, Chemicals, and Redevelopment Division tasked Tetra Tech, Inc. (Tetra Tech) Region 8 Superfund Technical Assessment and Response Team (START) V to conduct a Targeted Brownfields Assessment (TBA) Phase I Environmental Site Assessment (ESA) at the Hilger Volunteer Fire Department (VFD) property located at the northwest corner of Swope Street and 1st Avenue in Hilger, Fergus County, Montana (subject property). On behalf of Fergus County, Montana, the Snowy Mountain Development Corporation (SMDC) requested EPA to perform a Phase I ESA at the subject property.

The subject property is a 0.482-acre unoccupied lot with no structures that is used for scrap metal, materials, and equipment storage. The subject property has historically been used for vehicle, heavy equipment, and agricultural machinery storage.

START V conducted this Phase I ESA in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM International (ASTM) designation E 1527-13 (ASTM 2013), and otherwise in compliance with EPA's All Appropriate Inquiries (AAI)" Rule (AAI Rule) (Title 40 *Code of Federal Regulations* [CFR] Part 312). For the purpose of this Phase I ESA, the *users* are defined as Fergus County (ASTM 2013 [Section 3.2.98]). EPA tasked START V to conduct a Phase I ESA of the subject property to identify recognized environmental conditions (REC), historical RECs (HREC), controlled RECs (CREC), business environmental risks (BER), and vapor encroachment conditions (VEC) to the subject property, and to identify the nature of contamination and risks posed by the contamination, if present.

1.1 PURPOSE

A primary goal of this Phase I ESA is to identify RECs, HRECs, and CRECs for the subject property. A REC is the presence or likely presence of any hazardous substance or petroleum product in, on, or at a subject property (1) due to any release to the environment, (2) under conditions indicative of a release to the environment, or (3) under conditions that pose a material threat of a future release to the environment. 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 2013 [Section 1.1.1]). An HREC is a past release of any hazardous substance or petroleum product that has occurred in connection with the subject property and has been addressed to the satisfaction of the

applicable regulatory authority or has met unrestricted use criteria established by a regulatory authority without imposition on the subject property of any required controls (ASTM 2013 [Section 3.2.42]). A CREC is a REC resulting from past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (ASTM 2013 [Section 3.2.18]). The 2013 standard also defines BERs, which are a non-scope consideration under ASTM E 1527-13 (that is, they are described and defined by ASTM but are not covered under this practice). A BER presents a potential environmental risk to clients even if the ASTM definition of a REC, CREC, or HREC is not met.

START V has also been requested to evaluate vapor encroachment according to ASTM standard 2600, which provides practical guidance for conducting a vapor encroachment screen on a property. The goal of conducting a vapor encroachment screening is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of chemicals of concern vapors in the subsurface of the subject property (ASTM 2015).

This Phase I ESA is intended to satisfy one of the requirements for the innocent landowner defense, the contiguous property exemption, and the bona fide prospective purchaser exemption to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability; that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the subject property consistent with good customary practice," as defined in 42 *U.S. Code* Section 9601 (35)(B).

1.2 SCOPE OF WORK

EPA developed a scope of work (SOW) for Phase I ESA activities at the subject property. The SOW, based on ASTM designation E1527-13, was to identify RECs, HRECs, CRECs, and BERs for the subject property. EPA also requested that START V identify VECs based on ASTM designation E2600-10. Phase I ESAs are typically conducted in a four-phase process: (1) records review; (2) site reconnaissance; (3) interviews with current and previous owners and occupants of the subject property, adjacent property owners and occupants, and local government agencies; and (4) preparation of a report.

Any items listed in the ASTM standard that the report does not specifically identify as present can be assumed not present within the subject property or within such distance to the subject property as to be of potential concern to the subject property. Any item mentioned but not specifically identified as a REC, HREC, CREC, or BER can be assumed not to be a REC, HREC, CREC, or BER.

1.3 SIGNIFICANT ASSUMPTIONS

The following are beyond the scope of this evaluation: consideration of radon in indoor air, lead in drinking water, and asbestos-containing materials (ACM); screening for lead-based paint (LBP); evaluations of indoor and/or outdoor air quality, regulatory compliance, industrial hygiene, and noise impacts; and identification of geological or geotechnical hazards.

1.4 DEVIATIONS

This section identifies deletions or deviations from ASTM E 1527-13 or the SOW. For each deviation noted below, the START V Environmental Professional (EP) has conducted an analysis of the data gaps or failures and of the impacts of these on START V's ability to render an opinion regarding conditions indicative of releases or threatened releases of petroleum products or hazardous substances.

- No historical topographic maps prior to 1985 were readily available for review. It is START V's opinion that this does not represent a significant data gap because other historical records were used to characterize the subject property use back to its early development.
- No building permits were available for review. It is START V's opinion that this does not represent a significant data gap because other historical records were used to characterize the subject property use back to its early development.
- Time gaps of more than 5 years were noted in available historical information. It is START V's opinion that the presence of time gaps does not impact the ability to render an opinion regarding RECs.
- Interviews were not conducted with past owners, operators, or occupants. Documentation and observations indicate that the subject property has been historically used for the storage of vehicles, heavy equipment, and agricultural machinery. It is START V's opinion that information obtained from previous owners, operators, or occupants likely would not be additional to that obtained from other resources.
- No interviews with adjacent property owners or occupants were conducted. ASTM Practice E 1527-13 does not require interviews with adjacent property owners unless a property has been abandoned and potential unauthorized uses or evidence of uncontrolled access to the abandoned property is evident. The subject property has not been abandoned and no evidence of unauthorized access was observed; therefore, it is START V's opinion that information obtained

from other adjacent property owners or occupants likely would not be additional to that obtained from other resources.

1.5 LIMITATIONS AND EXCEPTIONS

This report was based partially on information supplied to START V from outside sources and on other information available in the public domain. Conclusions and opinions reported herein are based on the information START V obtained in compiling the report. This information is on file at START V's office in Denver, Colorado. START V makes no warranty as to the accuracy of statements made by others that may be conveyed in the report; nor are any other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. START V does not assume responsibility for discovery and elimination of hazards that could cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or fulfillment of the client's obligations under local, state, or federal laws or any modifications or changes to such laws. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

1.6 SPECIAL TERMS AND CONDITIONS

There were no special terms or conditions for the Phase I ESA.

1.7 STATEMENT OF USER RELIANCE

START V is not required to verify independently the information provided to it by the user or gathered throughout the course of this Phase I ESA. For this Phase I ESA, EPA Region 8, SMDC, and Fergus County may rely on information provided unless knowledge is possessed that certain information is incorrect based on additional information obtained during the Phase I ESA or otherwise known by the person preparing this report.

2.0 SITE DESCRIPTION

This section briefly describes the subject property and the physical setting based on information obtained from EPA Region 8, SMDC, current facility owners, and a records review prior to site reconnaissance. Observations during the site reconnaissance regarding current land use at the subject property and adjoining properties are described in Section 4.0.

2.1 SITE LOCATION AND LEGAL DESCRIPTION

The subject property is located at the northwest corner of 1st Avenue and Swope Street in Hilger, an unincorporated community in Fergus County, Montana (Figure 1). The subject property encompasses 0.482 acres total and is currently unoccupied. The legal description for the property is HILGER ORIG TOWNSITE, S12, T17 N, R18 E, BLOCK 012, LOT 004-006 (Environmental Risk Information Services [ERIS] 2020g).

The subject property is depicted on the 2017 U.S. Geological Survey (USGS) 7.5-minute series Hilger, Montana Topographic Quadrangle Map (USGS 2017). The subject property is in the northeast quarter Section 12, Township 17 North, Range 18 East. Coordinates at the approximate center of the subject property are latitude 47.25339 degrees and longitude -109.36047 degrees (ERIS 2020a). The parcel identification number for the subject property is 08-2685-12-1-02-03-0000 (Appendix D - Property Record Card).

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The 0.482-acre subject property is located within a rural mixed-use residential and commercial area and is primarily vacant-vegetated land with scrap metal, materials, and equipment storage. The subject property is bounded to the north by a gravel road followed by the Hilger Fire Department warehouse; to the east by 1st Avenue followed by residential properties; to the south by Swope Street followed by a permanently closed salvage yard; and to the west by vacant land followed by U.S. Highway 191.

2.3 CURRENT AND PAST USES OF THE SITE

The subject property was developed with a wagon shed and possible residence in the early 1900s (ERIS 2020b). By 1938, the subject property appears to be vacant, undeveloped land; however, details are difficult to discern because of the quality of the photo. A shed had been constructed on the subject property by 1997, and the property appeared to be used for the storage of vehicles, heavy equipment, and agricultural machinery (ERIS 2020f). The subject property is currently an undeveloped lot used for scrap metal, materials, and equipment storage.

The historical use of the subject property for the storage of vehicles, heavy equipment, and agricultural machinery poses a REC to the subject property.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

The subject property is an undeveloped lot used for scrap metal, materials, and equipment storage.

2.5 CURRENT AND PAST USES OF ADJOINING/SURROUNDING PROPERTIES

The subject property is located within a rural mixed-use residential and commercial area. According to a review of historical documents, the area surrounding the subject property has been used for agricultural, commercial, and residential purposes.

2.6 GEOLOGIC, HYDROGEOLOGIC, HYDROLOGIC, AND TOPOGRAPHIC CONDITIONS

The following subsections describe the environmental setting of the subject property and surrounding area. Appendix F includes copies of the topographic maps that Tetra Tech examined to assess the physical setting.

2.6.1 Topography

The subject property is included on the USGS 7.5-minute series Hilger, Montana Topographic Quadrangle Map (USGS 2017). The subject property is approximately 4,000 feet above mean sea level (ERIS 2020a) and situated in a topographically low area for the region. Regional topography slopes downward to the northwest, north, northeast, and southwest before rising again. The subject property itself has a low topographic relief with no visible slopes (USGS 2017).

2.6.2 Geologic Setting

The subject property is located in Fergus County in central Montana. START V accessed hydrologic and soil data supplied by ERIS via USGS. Geology in the region is generally characterized by dark-gray shale with iron-stained concretions and bentonite beds overlying Phanerozoic-, Mesozoic-, and Late Cretaceous-aged bedrock, which are made up of shale and sandstone. Soils around the subject property are predominantly Daglum-Adger complex soils composed of clay and clay loam. Daglum-Adger complex soils generally have a slope of 0 to 2 percent and are moderately well drained. Daglum-Adger complex soils have moderately high runoff potential when thoroughly wet, and water transmission through the soil is somewhat restricted (ERIS 2020a).

2.6.3 Hydrogeology

ERIS conducted a water well search to locate known private and public water wells within a 1-mile radius from the subject property. ERIS did not identify any wells on the subject property itself but did identify four federal USGS wells and 35 state-permitted wells within 1 mile of the site. No oil or gas wells were identified (ERIS 2020a). Potable water in the subject property area is supplied by private wells.

START V reviewed documents supplied by the Montana Department of Environmental Quality (DEQ) related to the Hilger Country Store located approximately 0.1 mile to the north-northeast of the subject property. A 2015 Phase II ESA estimated depth to groundwater at the Hilger Country Store property to be between 4 and 7.8 feet below ground surface with groundwater flow to the north-northeast; however, two previous monitoring events provided data that caused groundwater flow to be interpreted as south-southwest and south-southeast (Tetra Tech 2015a, 2015b). The local gradient and groundwater flow direction under the subject property may be influenced naturally by zones of higher or lower permeability, nearby wetlands, or nearby wells. Actual groundwater flow direction can only be determined by collecting site-specific groundwater elevation data.

2.6.4 Hydrology

START V accessed hydrologic data supplied by ERIS via the Federal Emergency Management Agency (FEMA). FEMA has not yet categorized the subject property; therefore, no flood hazard analysis has been conducted.

The subject property is generally flat with a slight mound in the center. Surface water runoff in the area likely flows to the north towards an unnamed creek.

3.0 USER-PROVIDED INFORMATION

The following section summarizes information regarding the ESA provided by EPA Region 8 and Fergus County (owners). Fergus County has been represented by SMDC. For the purpose of this Phase I ESA, the *users* are defined as SMDC.

3.1 EXISTING STRUCTURE INFORMATION AND DRAWINGS

The subject property is currently vacant. Photos are provided for the subject property and surrounding area (Appendix C).

3.2 SUMMARY OF TITLE INFORMATION

The subject property is owned by Fergus County. A copy of the Property Record Card was provided by SMDC and is included in Appendix D. A chain of title search was performed and is summarized in Section 6.2.1. No obvious RECs were identified based on a review of this information.

3.3 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

ERIS's search did not identify any environmental liens or use limitations for the subject property (ERIS 2020g).

3.4 SPECIALIZED KNOWLEDGE

SMDC provided START V with knowledge of the subject property. The property previously was used for the storage of old vehicles, heavy equipment, and agricultural machinery. No environmental investigations have taken place at the subject property, and potential contaminants related to historic use may be present on the subject property (see Appendix D - U.S. EPA TBA Application).

The historical use of the subject property for the storage of vehicles, heavy equipment, and agricultural machinery poses a REC to the subject property.

3.5 OWNER, SITE MANAGER, AND OCCUPANT INFORMATION

The subject property is owned by Fergus County, which is represented by SMDC.

3.6 REASON FOR PERFORMING PHASE I ESA

EPA requested this ESA for Hilger VFD to provide an environmental assessment of the subject property. This ESA intends to satisfy one of the requirements for the innocent landowner defense to CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses

of the property consistent with good customary practice," as defined in 42 *U.S. Code* Section 9601 (35)(B).

4.0 SITE RECONNAISSANCE

START V member Ms. Ella Lunny conducted the site reconnaissance on December 4, 2020. Ms. Lunny was not accompanied during the site reconnaissance. Photographic documentation of the site reconnaissance is provided in Appendix C.

4.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance consisted of a visual inspection of the subject property in accordance with requirements set forth in 40 CFR Part 312. The purpose of the reconnaissance of the subject property was to seek out "conditions indicative of releases or threatened releases" as required by ASTM 1527-13. START V conducted the reconnaissance of the subject property for evidence of the following:

- Use, storage, treatment, disposal, or generation of hazardous substances, controlled substances, or petroleum products;
- Landfills, dumps, or evidence of burial activities or solid waste disposal;
- Aboveground storage tanks (AST), underground storage tanks (UST), drums, or containers capable of storing hazardous substances or petroleum products;
- Transformers or other electrical or mechanical equipment potentially containing polychlorinated biphenyls (PCB);
- Evidence of petroleum-based heating fuel sources;
- Drains, pits, sumps, cisterns, cesspools, or similar receptacles where liquids drain, collect, or are stored;
- Pits, ponds, lagoons, or open pools likely to contain hazardous substances, petroleum products, or waste;
- Staining on pavement or areas of dead, distressed, discolored, or stained vegetation that may indicate RECs;
- Grading or fill material that may indicate contaminated soils or dumping; and
- Chemical smells, petroleum gases, foul odors, wells, and other site-specific environmental conditions.

START V mobilized to the subject property to observe current conditions and obtain additional information relevant to the Phase I ESA. START V also observed exteriors of adjacent and select nearby properties to assess the presence of environmental concerns. Approximately 50 percent of the subject property was covered in snow at the time of site reconnaissance, limiting direct observation of the ground surface.

Any items listed in the ASTM method not identified in this section can be assumed not to be present. Likewise, any item mentioned but not identified as a REC can be assumed not to pose a REC. General recommendations regarding the subject property are offered in Section 8.0.

4.2 GENERAL SITE SETTING

The following subsections describe the subject property's current and past uses, and exterior and interior features.

4.2.1 Site Description

The 0.482-acre subject property is currently an unoccupied lot with no structures. The subject property is bounded to the north by a gravel road followed by the Hilger Fire District warehouse; to the east by 1st Avenue followed by residential properties; to the south by Swope Street followed by a permanently closed salvage yard; and to the west by vacant land followed by U.S. Highway 191. Figure 2 in Appendix A illustrates the subject property features.

4.2.2 Exterior Observations

The subject property is currently an unoccupied lot with no structures. A wooden fence runs along the western boundary of the subject property. One wooden berm-like structure was observed on the southeast corner of the subject property. Based on street view imagery from 2015, the wooden structure appears to have been part of a former loading ramp made of bermed soil (Microsoft Bing Maps 2020). The loading ramp was no longer present during the site reconnaissance.

4.2.3 Interior Observations

No structures are currently on the subject property; therefore, no interior observations were made.

4.3 SPECIFIC RECONNAISSANCE ITEMS

The following subsections are related to items observed during the site reconnaissance.

4.3.1 Hazardous Substances and Petroleum Products

One empty fuel container was observed on the subject property during the site reconnaissance. No staining was observed in the vicinity of the container. The presence of the fuel container does not pose a REC to the subject property.

4.3.2 Hazardous Waste

No hazardous waste was observed on the subject property during the site reconnaissance.

4.3.3 Landfills, Dumps, Burials, or Solid Waste Disposal

No visual evidence of landfills, illegal dumping, or burials was apparent during the site reconnaissance. Material storage and metal debris were observed throughout the subject property, including used appliances, truck parts, used tires, agricultural machinery, a trailer, a truck bed, concrete pipes, unused wood fencing, and scrap metal. The presence of the materials and solid waste does not pose a REC to the subject property.

4.3.4 Storage Tanks

Underground Storage Tanks

No evidence of current or former USTs was apparent during the site reconnaissance.

Aboveground Storage Tanks

No evidence of current or former ASTs was apparent during the site reconnaissance.

4.3.5 Polychlorinated Biphenyl-Containing Equipment

PCB content in equipment can only be determined through sampling and laboratory analysis. Pursuant to 40 CFR Section 761.2, oil filled electrical equipment manufactured prior to July 2, 1979, must be presumed to be "PCB Contaminated Electrical Equipment" (that is, contains ≥ 50 parts per million [ppm] PCB but is < 500 ppm PCB) if the actual PCB contamination has not been established.

No potential PCB-containing equipment was observed during the site reconnaissance.

4.3.6 Heating, Ventilation, and Air Conditioning System and Fuel Source

No heating, ventilation, and air conditioning systems or fuel sources were observed during the site reconnaissance.

4.3.7 Drains, Sumps, Pools of Liquids, Standing Water, Cisterns, and Cesspools

No drains, sumps, pools of liquids, standing water, cisterns, or cesspools that may be considered RECs were observed during the site reconnaissance.

4.3.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons containing hazardous materials were observed during the site reconnaissance.

4.3.9 Stains or Corrosion and Stained Soil or Pavement

No corrosion or stained soil was observed during the site reconnaissance; however, the site was partially covered with snow, limiting observation of the ground surface.

4.3.10 Areas of Dead, Distressed, Discolored, or Stained Vegetation

No areas of dead, distressed, discolored, or stained vegetation that would indicate RECs were observed during the site reconnaissance; however, the site reconnaissance was conducted outside of the normal growing season and was partially covered with snow.

Areas with debris and scrap piles were observed to have sparse vegetation in comparison to clear sections of the subject property.

4.3.11 Possible Fill, Grading, or Solid Waste Disposal

A soil mound was observed in the center of the subject property. The origin of the soil is unknown; however, the soil pile may be associated with the regrading of the subject property to remove the loading ramp formerly located on the southeast corner of the property. No solid waste was observed in the soil pile.

4.3.12 Smells of Chemical Gases, Petroleum Products, or Noxious Odors

No smells of chemical gases or petroleum products were noted at the time of the site reconnaissance.

4.3.13 Wastewater and Stormwater Systems and Discharges

Stormwater at the subject property infiltrates the ground.

4.3.14 Wells and Potable Water Supply

No dry, irrigation, injection, abandoned, or other potable water supply wells were observed during the site reconnaissance.

4.3.15 Lead-Based Paint

ASTM Practice E 1527-13 does not require a survey or testing for presence of LBP. START V did not perform a LBP survey at the subject property as part of this assessment. No structures are on the subject property, and no painted surfaces were observed.

4.3.16 Asbestos-Containing Building Materials

ASTM Practice E 1527-13 does not require testing for presence of ACM. START V did not perform an asbestos survey at the subject property as part of this assessment. No structures are on the subject property, and no suspect ACMs were observed.

4.3.17 Other Site-Specific Environmental Conditions

No other site-specific environmental conditions were noted during the site reconnaissance.

4.4 VICINITY RECONNAISSANCE

The subject property is bordered north by the fire station warehouse and a vacant parcel beyond; east by 1st Avenue with residential development beyond; south by Swope Street with residential development and a permanently closed salvage yard beyond; and west by a vacant parcel and U.S. Highway 191 beyond. Hilger Auto Dynamics, a former salvage yard located to the southeast of the subject property, operated from approximately 1978 to 2013 (Lewistown News-Argus 2018). Based on the potential for releases of petroleum products to impact the subject property, the operation of a salvage yard on the southeastern adjacent property for approximately 35 years is considered to pose a REC to the subject property.

5.0 INTERVIEWS

The objective of conducting interviews is to obtain information concerning RECs in connection with the subject property. This information was obtained verbally and in written form as indicated below. Interviewees were cooperative and forthcoming with information unless otherwise specified. Interview documentation is provided in Appendix D.

5.1 INTERVIEW WITH OWNER

The subject property is owned by Fergus County and will be transferred to the Hilger Fire District. Mr. Richard Hassler, Hilger Fire Department Chief, completed the ASTM environmental questionnaire with information regarding the subject property (see Appendix D). Mr. Hassler was not aware of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or (3) any notices from any government entity regarding any possible environmental violations relating to hazardous substances or petroleum products. No RECs to the subject property were identified based on the owner interview.

5.2 INTERVIEWS WITH KEY SITE MANAGER

SMDC, on behalf of Fergus County, is considered the key site manager of the subject property and provided START V with the following documents, included in Appendix D:

- Subject property Record Card
- Subject property Warranty Deed
- U.S. EPA TBA Application for the subject property

Review of the documents indicated that the subject property was previously used for storage of old vehicles, heavy equipment, and agricultural machinery. No previous environmental investigations have taken place on the subject property.

5.3 INTERVIEWS WITH CURRENT OCCUPANTS

Because the subject property is currently unoccupied, interviews with current occupants did not occur.

5.4 INTERVIEWS WITH PAST SITE OWNERS OR OCCUPANTS

No interviews were conducted with past subject property owners or occupants as they probably would not have provided information to START V not already provided by other sources.

5.5 INTERVIEWS WITH LOCAL OR STATE GOVERNMENT OFFICIALS

START V submitted Montana Public Records Act (MPRA) requests to the Central Montana Health District, Montana DEQ, and Fergus County to obtain records related to the subject property. START V received responses from the Central Montana Health District, Montana DEQ, and Fergus County indicating that no records were located related to the subject property (Tetra Tech 2020a, 2020b, 2021).

START V also submitted MPRA requests to the Montana Secretary of State and Montana State Department of Public Health and Human Services. START V received responses indicating that Montana DEQ and Fergus County should be contacted for environmental records related to the subject property (Tetra Tech 2020c, 2020d).

START V submitted a MPRA request to Montana DEQ to obtain records related to the Hilger Country Store. Montana DEQ responded on January 4, 2021 and provided documents for the Hilger Country Store. The facility is discussed in Section 6.1.1.

6.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify RECs for the subject property.

6.1 ENVIRONMENTAL RECORDS SOURCES

The following subsections discuss the sources of environmental records that were accessed and reviewed as part of this assessment.

6.1.1 Environmental Database Search

START V reviewed federal, state, regional, and local records to assess whether the subject property or facilities within the approximate minimum search distance have undergone significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects. ERIS performed a database search of the subject property in accordance with ASTM E 1527-13. A copy of this report is in Appendix E.

The databases searched have been developed and are updated by federal, state, tribal, and local agencies. While these databases are reliable and comprehensive, instances of data being out of date and no longer reflective of actual facility conditions have been reported. The Government Records Searched/Data Currency Tracking section of the ERIS report in Appendix E identifies when each database was updated.

The database search identifies properties with environmental records from numerous federal, state, tribal, and local regulatory agencies, and distances of these properties from a specified geographic location (typically, the perimeter of the subject property). Descriptions of the environmental databases searched are listed on pages 18 through 26 of Appendix E.

The subject property was not identified in the ERIS database report (ERIS 2020d). ERIS identified the following database listings for facilities within ASTM-standard search distances of the subject property:

- One facility within 0.50 mile of the subject property was identified in the Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database (FED BROWNFIELDS), Leaking Underground Storage Tank (LUST) database, and UST database:

    - **Hilger Country Store** is 0.08 mile north-northeast of the subject property at 14762 U.S. Highway 191 (ERIS 2020d; Google Earth 2021). This site is also listed under the name "Former Hilger Country Store." The facility operated as a grocery store and fueling station from 1983 to 1986 (Tetra Tech 2015b). Two 1,000-gallon gasoline USTs and

two 657-gallon gasoline USTs are listed as permanently closed and removed from the ground and were likely removed in 1985 (ERIS 2020d; Tetra Tech 2015b). Petroleum contamination was discovered at the facility during preconstruction activities for the adjacent highway in January 2008 (Tetra Tech 2015b). The contamination was recorded by Montana DEQ as Release ID 4653 on February 1, 2008 (ERIS 2020d). A Phase II ESA conducted in 2015 identified the presence of soil and groundwater contamination at the site (Tetra Tech 2015b). The ERIS report indicates that a cleanup action for the site was started in 2016 and completed in 2018 (ERIS 2020d).

Tetra Tech contacted Montana DEQ for records related to the Hilger Country Store. Montana DEQ provided Tetra Tech with several records related to the facility, including an Extension of the Abbreviated Generic Applications Corrective Action Plan dated November 2, 2018 and laboratory results dated May 23, 2019 and September 30, 2020 (Montana DEQ 2018; Energy Laboratories 2019, 2020). Based on a review of the records provided by Montana DEQ, the corrective action at the Hilger Country Store appears to be ongoing and a No Further Corrective Action (NFCA) letter has not been issued for Release ID 4653. A 2015 Phase II ESA estimated groundwater flow on the property to be to the north-northeast; however, two previous monitoring events caused groundwater flow to be interpreted as south-southwest and south-southeast (Tetra Tech 2105a, 2015b).

Based on the proximity of the facility to the subject property, the uncertainty regarding the flow of groundwater at the facility, and the potential for petroleum products released at the site to have impacted the subject property, this site poses a REC to the subject property.

ERIS identified nine database listings of an “unplottable” or “orphan” facility that, because of poor or inadequate address information, could not be mapped by ERIS. Two facilities identified in the Hazardous Material Spills Report (SPILLS) database are located outside the ASTM search distance (Microsoft Bing Maps 2020). One listing was identified in the Hazardous Material Information Reporting System (HMIRS) database (ERIS 2020d); based on the documented cleanup of the release, the listing does not pose a REC to the subject property. Malmstrom Air Force Base is located on County Road 236 and U.S. Highway 191 and was identified in the UST database. According to the database listings, the facility has six registered 4,000-gallon diesel USTs. Based on the nature of the database listings and no indication of a release of hazardous substances or petroleum products, this facility does not pose a REC to the subject property.

6.1.2 Vapor Encroachment Screening

START V completed an initial vapor encroachment screening to determine if a vapor encroachment condition (VEC) exists in the subsurface below any proposed subject property structures from hazardous substances, petroleum, and petroleum products, which can include volatile organic compounds (VOC), semivolatile organic compounds (SVOC), and inorganic volatile compounds. The Tier 1 non-invasive vapor encroachment screening assessed the presence of chemicals of concern within the area of concern. The approximate minimum search distance used to establish the area of concern is based upon the type of chemical of concern, petroleum hydrocarbons versus nonpetroleum hydrocarbon, and location of the source relative to the subject property. These search distances are specified in ASTM E 2600-15 *Standard Guide for Vapor Encroachment Screening on Sites Involved in Real Estate Transactions* (ASTM 2015), which identifies standard environmental record sources to be reviewed to identify known or suspect sources of contamination within the area of concern. The approximate minimum search distances for establishing the area of concern based on the 2015 standard are as follows:

TABLE 6-1

VAPOR ENCROACHMENT SCREENING APPROXIMATE MINIMUM SEARCH DISTANCES

Area of Concern		
Standard Environmental Record Sources (where available)	**Approximate Minimum Search Distances Surrounding the Subject Property (miles)**	
	Chemicals of Concern	**Petroleum Hydrocarbon Chemicals of Concern**
Federal NPL	0.33	0.10
Federal CERCLIS	0.33	0.10
Federal RCRA CORRACTS	0.33	0.10
Federal RCRA non-CORRACTS TSD	0.33	0.10
Federal RCRA Generators	Subject Property Only	Subject Property Only
Federal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
Federal ERNS	Subject Property Only	Subject Property Only
State and Tribal-equivalent NPL	0.33	0.10
State and Tribal-equivalent CERCLIS	0.33	0.10
State and Tribal Landfill or Solid Waste Disposal Sites	0.33	0.10
State and Tribal LUST	0.33	0.10
State and Tribal UST	Subject Property Only	Subject Property Only
State and Tribal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
State and Tribal Voluntary Cleanup	0.33	0.10
State and Tribal Brownfield	0.33	0.10

Notes:
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS RCRA Corrective Action Activity
ERNS Emergency Response Notification System
LUST Leaking Underground Storage Tank
NPL National Priorities List

RCRA Resource Conservation and Recovery Act
TSD RCRA Treatment, Storage, and Disposal
UST Underground Storage Tank

Based on the results of the initial vapor encroachment screening, one property hosts petroleum hydrocarbon chemicals of concern within the minimum search distances (ERIS 2020d). Hilger Country Store is located 0.08 mile north-northeast and was identified in the LUST database (Google Earth 2021; ERIS 2020d). Sampling conducted at Hilger Country Store in 2015 identified the presence of contamination in soil and groundwater at the facility (Tetra Tech 2015b). The estimated direction of groundwater flow at the property is variable and cleanup at the facility appears to be ongoing (Tetra Tech 2015a, 2015b; Montana DEQ 2018; Energy Laboratories 2019, 2020). The potential presence of petroleum products impacting the subject property poses a VEC to the subject property.

6.1.3 Valuation Reduction for Environmental Issues

No information on valuation reduction was provided to START V. START V requested an environmental lien search pertaining to the subject property; ERIS's search identified no environmental liens or activity and use limitations (AUL) regarding the subject property (ERIS 2020g).

6.1.4 Engineering and Institutional Controls

As part of the environmental records search by ERIS, federal and state databases for institutional and engineering controls were searched, including EPA's Engineering Controls Sites List and Sites with Institutional Controls and the U.S. Department of the Navy's Land Use Control Information System. No engineering or institutional controls were identified for the subject property (ERIS 2020d).

6.1.5 Title Records

The subject property parcel 08-2685-12-1-02-03-0000 is currently owned by Fergus County with a Warranty Deed dated July 22, 2020 (ERIS 2020g) (see Appendix B).

6.2 HISTORICAL USE INFORMATION REGARDING THE SITE AND ADJOINING PROPERTIES

START V gathered historical data regarding the subject property and surrounding area to determine past uses and evaluate detectable environmental issues that may pose RECs to the subject property. The following subsections describe aerial photographs, Sanborn maps, topographic maps, city directories, and past environmental reports available regarding the subject property.

6.2.1 Recorded Land Title Records

The subject property is identified by Fergus County as parcel 08-2685-12-1-02-03-0000 (Fergus County 2020). The parcel is owned by Fergus County with a Warranty Deed dated July 22, 2020 (ERIS 2020g) (see Appendix B).

6.2.2 Property Tax Files

Property tax files can include records of past ownership, appraisals, maps, sketches, photos, or other information pertaining to the subject property. Tax valuation information is provided on the Fergus County Assessor Property Report Card for the subject property, included in Appendix D.

6.2.3 Building Department Records

Building department records at local governments can indicate permission to construct, alter, or demolish improvements at a subject property. START V did not locate building department records for the subject property.

6.2.4 Sanborn Map Report

ERIS provided Sanborn fire insurance maps of the subject property and surrounding area from 1916 and 1926 (ERIS 2020b) (see Appendix F-2). The maps do not display the western portion of the subject property.

On the 1916 Sanborn map, a wagon shed is depicted on the northern portion of the subject property and a possible dwelling is depicted on the southern portion of the subject property. Swope Avenue is depicted along the southern boundary of the subject property with a church beyond. 1st Avenue is depicted along the western boundary of the subject property with vacant and residential properties beyond. A livery and feed building is depicted on the adjacent property to the north. A railroad and depot are depicted to the north of the subject property. The adjacent properties to the northwest, west, and southwest are not displayed on the Sanborn map. Commercial development is depicted to the northeast of the subject property, including Hilger Garage, Laundry, Paints and Oils, General Merchandise, and Billiards.

The 1929 Sanborn map is similar to the 1916 map. A residential property is developed on the adjacent property to the east.

Based on review of Sanborn maps, the subject property was developed with a wagon shed and possible a residence from 1916 to 1929. Review of Sanborn maps did not reveal any RECs to the subject property.

6.2.5 Aerial Photographs

START V reviewed aerial photographs of the subject property and surrounding area from years 1938, 1953, 1968, 1975, 1982, 1986, 1997, 2009, 2013, 2015, 2017, and 2019 (ERIS 2020f) (see Appendix F-3). Table 6-2 is a summary of information obtained from the aerial photographs.

TABLE 6-2

SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
1938	**Subject Property:** The subject property appears to be undeveloped land. **Surrounding Properties:** The surrounding area appears to be predominantly undeveloped land. A roadway in approximate alignment with the current U.S. Highway 191 and Swope Street border the subject property
1953	**Subject Property:** The subject property appears similar to 1938. **Surrounding Properties:** Surrounding properties appear similar to 1938.
1968	**Subject Property:** The subject property appears similar to 1953. **Surrounding Properties:** The area surrounding the subject property appears similar to 1953 with residential development visible to the east and southeast of the subject property.
1975	**Subject Property:** The subject property appears similar to 1968. **Surrounding Properties:** A structure is visible in approximate alignment with the current fire station warehouse to the north of the subject property.
1982	**Subject Property:** The subject property appears similar to 1975. **Surrounding Properties:** The area surrounding the subject property appears similar to 1975 with additional residential and commercial development visible to the south of the subject property. Vehicles or materials appear to be stored on the southeastern adjacent property.
1986	**Subject Property:** The subject property appears similar to 1982. **Surrounding Properties:** The surrounding residential properties appear to have additional structures and items on the parcels.
1997	**Subject Property:** Cars, material, and debris are visible across the subject property. A small structure is seen in the northeast corner of the subject property. **Surrounding Properties:** A roadway in approximate alignment with the current 1st Avenue bordering the subject property is visible. A structure in approximate alignment with the former Hilger Country Store and Gas Station is visible to the north-northeast of the subject property.
2009	**Subject Property:** The subject property appears similar to 1997. **Surrounding Properties:** The area surrounding the subject property appears similar to 1997.
2013	**Subject Property:** The subject property appears similar to 2009. **Surrounding Properties:** The area surrounding the subject property appears similar to 2009.
2015	**Subject Property:** The subject property appears similar to 2013. **Surrounding Properties:** The area surrounding the subject property appears similar to 2013.

TABLE 6-2 (Continued)

SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
2017	**Subject Property:** The subject property appears similar to 2015. **Surrounding Properties:** The area surrounding the subject property appears similar to 2015.
2019	**Subject Property:** The subject property appears similar to 2017. **Surrounding Properties:** The area surrounding the subject property appears similar to 2017.

Aerial photographs can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property. Based on aerial photograph, the subject property was undeveloped from 1938 through 1986. By 1997, a building had been constructed on the subject property and the property was used for storage of vehicles, materials, and debris (ERIS 2020f). Beginning in 1982, vehicle and materials storage is visible on the southeastern adjacent property where Hilger Auto Dynamics operated from approximately 1978 to 2013 (Lewistown News-Argus 2018). Based on the potential for release of petroleum products to impact the subject property, the operation of a salvage yard on the southeastern adjacent property for approximately 35 years is considered to pose a REC to the subject property.

6.2.6 Historical Topographic Maps

Topographic maps can be used as indicators of land use and structural changes on the subject property and, thus, can help determine historical land use that might pose an environmental issue to the subject property. START V reviewed topographic maps of the subject property and surrounding area from years 1985 and 2017 (ERIS 2020c) (see Appendix F-4). Table 6-3 is a summary of information obtained from the historical topographic maps of the subject property and surrounding area.

TABLE 6-3

SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year	Description
1985	**Subject Property:** The subject property is depicted as undeveloped land. **Surrounding Properties:** U.S. Highway 191 and the fire station warehouse are depicted. A linear line in approximate alignment with current Swope Street is depicted to the south of the subject project. Residential and commercial development is depicted to the east and the south. The surrounding land to the west is depicted as undeveloped.
2017	**Subject Property:** The subject property is depicted similar to 1985. **Surrounding Properties:** Surrounding properties are similar to 1985. Buildings are not depicted on the map.

Review of topographic maps did not identify potential source areas or environmental issues; however, topographic maps can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property.

6.2.7 City Directories

START V reviewed city directory listings of the subject and nearby properties from years 1998, 2003, 2009, 2014, and 2018 (ERIS 2020e) (see Appendix F-5). Table 6-4 summarizes information found in the city directories.

TABLE 6-4

SUMMARY OF HISTORICAL CITY DIRECTORIES

Property Address	Property Occupant(s)
Subject Property	
Not Applicable	Not listed
Nearby Properties	
39 Swope Street	US Post Office (2014)
91 Swope Street	US Post Office (2014, 2018)

City directories can be used in conjunction with other historical records presented in this section to determine previous land use on the site. The subject property was not identified in the city directories. Review of city directories did not identify potential source areas or environmental issues.

6.2.8 Previous Reports

No previous reports for the subject property were identified or reviewed as part of this assessment.

7.0 FINDINGS AND OPINIONS

Review of historical documentation and observations made during site reconnaissance identified the following RECs and VEC to the subject property:

- The subject property has been used for the storage of vehicles, heavy machinery, and agricultural equipment since at least 1997. Based on the potential for releases of hazardous substances or petroleum products to have impacted the subject property, the historical use of the subject property poses a REC to the subject property.
- Hilger Country Store is approximately 0.1 miles north-northeast of the subject property at 14762 U.S. Highway 191. The facility was identified in the ERIS report in the FED BROWNFIELDS, LUST, and UST databases. The facility operated as a grocery store and fueling station from 1983 to 1986 (Tetra Tech 2015b). Two 1,000-gallon gasoline USTs and two 657-gallon gasoline USTs are listed as permanently closed and removed from the ground and were likely removed in 1985 (ERIS 2020d; Tetra Tech 2015b). Petroleum contamination was discovered at the facility during preconstruction activities for the adjacent highway in January 2008. A Phase II ESA conducted in 2015 identified the presence of soil and groundwater contamination at the facility (Tetra Tech 2015b). Montana DEQ provided Tetra Tech with records indicating that the corrective action at the facility is ongoing. Previous reports indicate uncertainty regarding groundwater flow at the site. Based on the proximity of the facility to the subject property, the uncertainty regarding the flow of groundwater at the facility, and the potential for petroleum products released at the site to have impacted the subject property, this site poses a REC to the subject property. In addition, the potential presence of petroleum products impacting the subject property poses a VEC to the subject property.
- A former salvage yard was observed on the southeastern adjacent property. The property operated as Hilger Auto Dynamics from approximately 1978 to 2013 (Lewistown News-Argus 2018). Based on the potential for release of petroleum products to impact the subject property, the operation of a salvage yard on the southeastern adjacent property for approximately 35 years is considered to pose a REC to the subject property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

START V has performed a Phase I ESA of the subject property on parcel 08-2685-12-1-02-03-0000 in Hilger, Fergus County, Montana, that conformed to the scope and limitations of ASTM E 1527-13. Exceptions to, or deletions from, this practice are described in Section 1.4. Based on available information, this assessment has revealed evidence of RECs in connection with the subject property as described in Section 7.0.

Prior to redevelopment for the use of training or an expansion of the current Hilger VFD, START V recommends conducting a Phase II ESA to investigate the presence and extent of soil and groundwater contamination associated with the Hilger Country Store, Hilger Auto Dynamics, and historical use of the subject property as a storage area for vehicles, heavy equipment, and agricultural machinery.

9.0 CERTIFICATION STATEMENT

Resumes of the Environmental Assessor who conducted the site reconnaissance and the EP who prepared the report and oversaw completion of this work are provided in Appendix G. We declare that, to the best of our professional knowledge and belief, we meet the definition of an EP as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property addressed in this report. We have developed and performed all appropriate inquiries in conformance to the standards and practices set forth in 40 CFR Part 312, and attest to the completeness and accuracy of information in this report.

If you have any questions concerning the findings and conclusions conveyed in this report, please call the START V Project Manager Kathleen Knox at (815) 861-8579.

Assessor /Environmental Professional

Kathleen Knox
Environmental Scientist

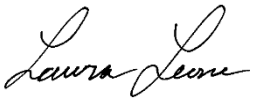
Reviewer/Environmental Professional

Dustin Mencel
Environmental Scientist

Reviewer/Environmental Professional

Colin McCoy, P.E.
Senior Environmental Engineer

Reviewer



Laura Leone
Associate Editor

10.0 REFERENCES

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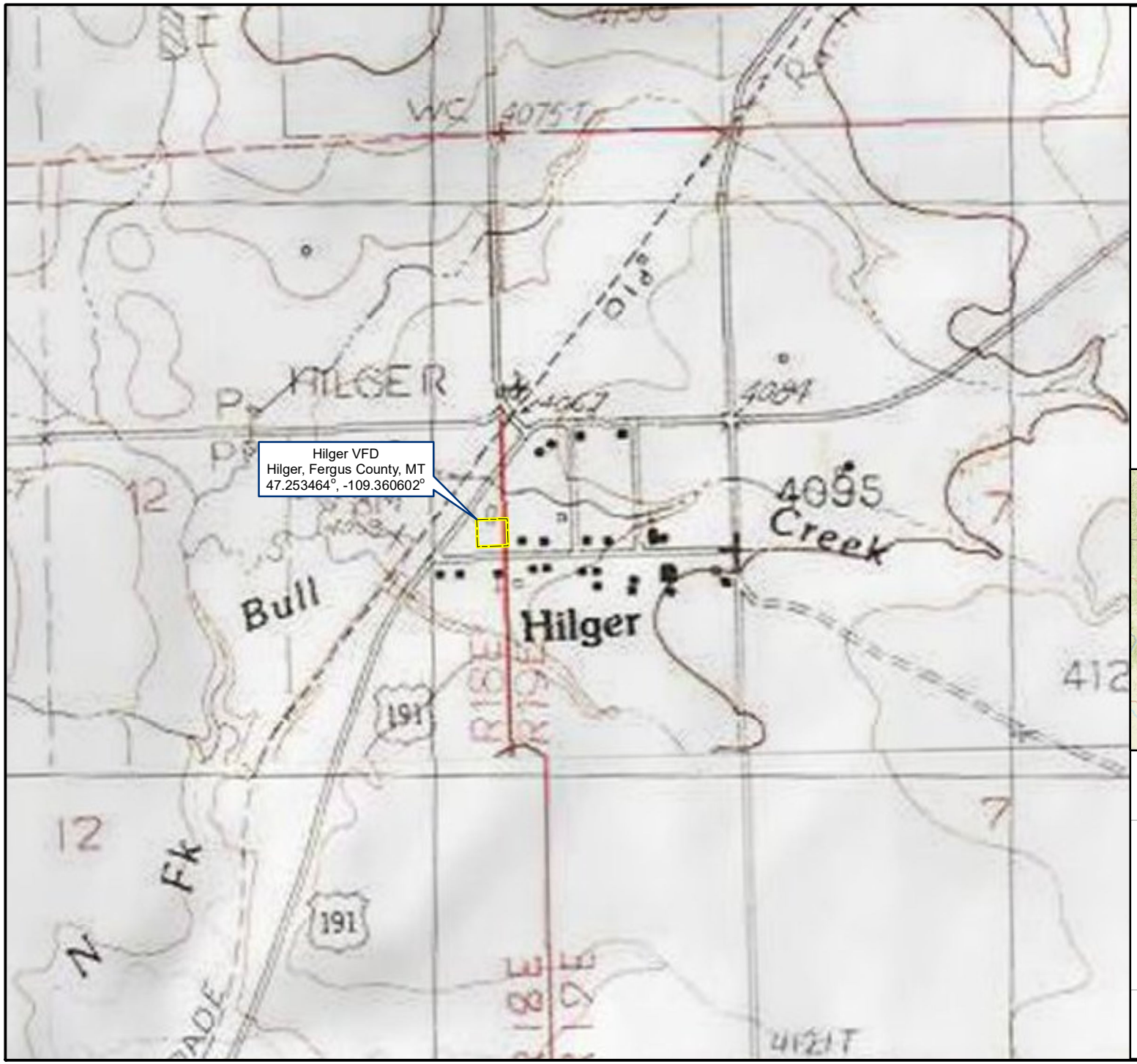
APPENDIX A

FIGURES



Legend

Project Boundary

N

Feet

0 400 800

Note:
Coordinates provided are the geographic center of site area shown.

Map Source:
USGS 7.5 Minute Topographic Quadrangle Maps: Hilger and New Year, Montana.

United States Environmental Protection Agency Region 8

FIGURE 1

Site Location

Site Name: Hilger VFD

TD No.: 82-2010-12

City:	County:	State:
Hilger	Fergus	Montana

TETRA TECH

Date: 12/14/2020
Analyst EWB

File: S:\Project\EPA START R8\TDs\Active TDs\82-2010-12 - Hilger VFD\GIS files\Figure 1 - Site Location.mxd

Legend

- Property Boundary
- T Pole Mounted Transformer

N

0 50 100 Feet

Map Source:
Microsoft Bing Aerial Hybrid Server

United States
Environmental Protection Agency
Region 8

FIGURE 2

Site Reconnaissance

Site Name: Hilger VFD

TD No.: 82-2010-12

City:	County:	State:
Hilger	Fergus	Montana

TETRA TECH

Date: 12/14/2020
Analyst EWB

File: S:\Project\EPA START R8\TDs\Active TDs\82-2010-12 - Hilger VFD\GIS files\Figure 2 - Site Reconnaissance.mxd

APPENDIX B

ENVIRONMENTAL LIEN AND AUL SEARCH

ENVIRONMENTAL RISK INFORMATION SERVICES

CHAIN OF TITLE

Project Property: *HILGER VFD*
HILGER, MT
Order No: *20310500166-COT*
Date Completed: *11/19/2020*

ERIS – Environmental Risk Information Services hereby submits the following historical chain-of-title to the land described below.

Title to the estate or interest covered by this report appears to be vested in:

FERGUS COUNTY

The following is the current property legal description (See deed for full legal description):

HILGER ORIG TOWNSITE, S12, T17 N, R18 E, BLOCK 012, LOT 004 - 006

Assessor's Parcel Number(s): 08-2685-12-1-02-03-0000 AND 0000318600

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

CHAIN OF TITLE REPORT

Order No: *20310500166-COT*

HISTORICAL CHAIN OF TITLE

Public Records were searched at the FERGUS COUNTY Assessor's office and the FERGUS COUNTY Clerk's office back to 1960. The following conveyances were found of record.

1.	Deed Type:	WARRANTY DEED
	Deed Date:	07/22/2020
	Recorded:	07/23/2020
	Grantor:	KENNETH D. MUNSKI
	Grantee:	FERGUS COUNTY
	Instrument:	135990
	Notes:	NA

2.	Deed Type:	DEED
	Deed Date:	10/26/2018
	Recorded:	10/26/2018
	Grantor:	DUANE P. PHILLIPS
	Grantee:	KENNETH D. MUNSKI
	Instrument:	130546
	Notes:	NA

3.	Deed Type:	QUIT CLAIM DEED
	Deed Date:	10/10/2013
	Recorded:	10/10/2013
	Grantor:	DWIGHT EDWARD PHILLIPS AND MARGARET MILLER
	Grantee:	DUANE P. PHILLIPS
	Instrument:	113060
	Notes:	NA

4.	Deed Type:	QUIT CLAIM DEED
	Deed Date:	12/22/1988
	Recorded:	12/22/1988
	Grantor:	HELEN ANN PHILLIPS
	Grantee:	DWIGHT EDWARD PHILLIPS AND MARGARET MILLER
	Instrument:	BOOK 206 / PAGE 673
	Notes:	NA
5.	Deed Type:	QUIT CLAIM DEED
	Deed Date:	01/14/1987
	Recorded:	01/14/1987
	Grantor:	HELEN ANN PHILLIPS
	Grantee:	DWIGHT EDWARD PHILLIPS, MARGARET MILLER AND HELEN ANN PHILLIPS
	Instrument:	BOOK 204 / PAGE 948
	Notes:	NA
6.	Deed Type:	EXECUTOR'S DEED
	Deed Date:	08/02/1979
	Recorded:	08/02/1979
	Grantor:	THE ESTATE OF DAVID PHILLIPS
	Grantee:	HELEN ANN PHILLIPS
	Instrument:	BOOK 198 / PAGE 620
	Notes:	NA
7.	Deed Type:	QUIT CLAIM DEED
	Deed Date:	11/10/1976
	Recorded:	11/10/1976
	Grantor:	HELEN L. BREW, F/K/A HELEN L. MCLEAN
	Grantee:	DAVID PHILLIPS AND HELEN A. PHILLIPS
	Instrument:	BOOK 195 / PAGE 846
	Notes:	NA

LEASES AND MISCELLANEOUS

Comments: NONE IDENTIFIED.

Thank You for Your Business
Please contact ERIS at **416-510-5204** or **info@erisinfo.com**
with any questions or comments

LIMITATION

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS – Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.

135990 Fee:$ 0.00
FERGUS COUNTY, MT Recorded 7/23/2020 at 8:40 AM
Rana J. Wichman, Clk & Rcdr By Rana J. Wichman
Return to: FIRST AMERICAN TITLE CO. 102 W. JANEAUX
LEWISTOWN MT 59457

AND WHEN RECORDED MAIL TO:
First American Title Company
102 W Janeaux
Lewistown MT 59457

Filed for Record at Request of:
First American Title Company

Space Above This Line for Recorder's Use Only

Order No.: 879351-F
Parcel No.: 318600

WARRANTY DEED

FOR VALUE RECEIVED,

Kenneth D. Munski

hereinafter called Grantor(s), do(es) hereby grant, bargain, sell and convey unto

Fergus County

whose address is: **712 W Main, Lewistown MT 59457**

Hereinafter called the Grantee, the following described premises situated in **Fergus** County, **Montana**, to-wit:

Lots 4, 5 and 6, Block 12, Original Townsite of Hilger, Fergus County, Montana, according to the official plat thereof on file and of record in the office of the Clerk and Recorder

SUBJECT TO covenants, conditions, restrictions, provisions, easements and encumbrances apparent or of record.

TO HAVE AND TO HOLD the said premises, with its appurtenances unto the said Grantees and to the Grantee's heirs and assigns forever. And the said Grantor does hereby covenant to and with the said Grantee, that the Grantor is the owner in fee simple of said premises; that said premises are free from all encumbrances except current years taxes, levies, and assessments, and except U.S. Patent reservations, restrictions, easements of record, and easements visible upon the premises, and that Grantor will warrant and defend the same from all lawful claims whatsoever.

Dated: July 22, 2020

Kenneth D. Munski

STATE OF Montana)
SS.
COUNTY OF Fergus)

This instrument was acknowledged before me on July 22, 2020, by **Kenneth D. Munski**.

KELLY J MILLER
NOTARY PUBLIC for the
STATE OF MONTANA
Residing in Lewistown, Montana
My Commission Expires
JUNE 2, 2024

Notary Public for the State of Montana
Residing at:
My Commission Expires:

ENVIRONMENTAL RISK INFORMATION SERVICES

ENVIRONMENTAL LIEN SEARCH

Project Property: *HILGER VFD*
HILGER, MT
Order No: *20310500166-EL*
Date Completed: *11/10/2020*

The following is the current property legal description (See deed for full legal description):

HILGER ORIG TOWNSITE, S12, T17 N, R18 E, BLOCK 012, LOT 004 - 006

Assessor's Parcel Number(s): 08-2685-12-1-02-03-0000 AND 0000318600

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

ENVIRONMENTAL LIEN REPORT

Order No: *20310500166-EL*

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at **416-510-5204** or **info@erisinfo.com**
with any questions or comments

LIMITATION

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS – Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.

ENVIRONMENTAL LIEN REPORT

Order No: *20310500166-EL*

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

HILGER VFD
HILGER, MT

RESEARCH SOURCE

COUNTY: FERGUS COUNTY RECORDER'S OFFICE

STATE: MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY

FEDERAL: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEED INFORMATION

Type of Instrument:	WARRANTY DEED
Grantor:	KENNETH D MUNSKI
Grantee:	FERGUS COUNTY
Deed Dated:	07/22/2020
Deed Recorded:	07/23/2020
Instrument:	135990

LEGAL DESCRIPTION

HILGER ORIG TOWNSITE, S12, T17 N, R18 E, BLOCK 012, LOT 004 - 006

Assessor's Parcel Number (s): 08-2685-12-1-02-03-0000 AND 0000318600

ENVIRONMENTAL LIEN REPORT Order No: *20310500166-EL*

ENVIRONMENTAL LIEN

Environmental Lien: Found X Not Found

ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found X Not Found

LEASES

Comments: NONE IDENTIFIED.

135990 Fee:$ 0.00
FERGUS COUNTY, MT Recorded 7/23/2020 at 8:40 AM
Rana J. Wichman, Clk & Rcdr By Rana J. Wichman
Return to: FIRST AMERICAN TITLE CO. 102 W. JANEAUX
LEWISTOWN MT 59457

AND WHEN RECORDED MAIL TO:
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whose address is: **712 W Main, Lewistown MT 59457**

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Lots 4, 5 and 6, Block 12, Original Townsite of Hilger, Fergus County, Montana, according to the official plat thereof on file and of record in the office of the Clerk and Recorder

SUBJECT TO covenants, conditions, restrictions, provisions, easements and encumbrances apparent or of record.

TO HAVE AND TO HOLD the said premises, with its appurtenances unto the said Grantees and to the Grantee's heirs and assigns forever. And the said Grantor does hereby covenant to and with the said Grantee, that the Grantor is the owner in fee simple of said premises; that said premises are free from all encumbrances except current years taxes, levies, and assessments, and except U.S. Patent reservations, restrictions, easements of record, and easements visible upon the premises, and that Grantor will warrant and defend the same from all lawful claims whatsoever.

Dated: July 22, 2020

Kenneth D. Munski

STATE OF Montana)
SS.
COUNTY OF Fergus)

This instrument was acknowledged before me on July 22, 2020, by **Kenneth D. Munski**.

KELLY J MILLER
NOTARY PUBLIC for the
STATE OF MONTANA
Residing in Lewistown, Montana
My Commission Expires
JUNE 2, 2024

Notary Public for the State of Montana
Residing at:
My Commission Expires:

APPENDIX C

SITE PHOTOGRAPHS

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 1	
Direction: West	
Description: A view of a trailer on the west side of the subject property.	
Date: December 4, 2020	

Photo: 2	
Direction: West	
Description: A view of three stoves near the western border of the subject property.	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 3 **Direction:** NA **Description:** A view of a fence pile near the west side of the subject property. **Date:** December 4, 2020	

Photo: 4 **Direction:** NA **Description:** A view of a small scrap metal pile on the subject property. **Date:** December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 5	
Direction: Southwest	
Description: A view of a trailer and agricultural machinery near the southwest corner of the subject property.	
Date: December 4, 2020	

Photo: 6	
Direction: Northeast	
Description: A view of a large scrap metal pile near the center of the subject property.	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 7	
Direction: Southwest	
Description: A view of a large scrap metal pile near the center of the subject property.	
Date: December 4, 2020	

Photo: 8	
Direction: NA	
Description: A view of a small scrap metal pile and concrete piping near the northern boundary of the subject property.	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 9	
Direction: NA	
Description: A view of a small plastic gasoline tank on the subject property.	
Date: December 4, 2020	

Photo: 10	
Direction: NA	
Description: A view of electronic scrap on the subject property.	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 11	
Direction: NA	
Description: A view of a soil pile near the center of the subject property.	
Date: December 4, 2020	

Photo: 12	
Direction: West	
Description: A topographic view of the subject property and nearby features.	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 13	
Direction: Northwest	
Description: A view from the southeast corner of the subject property (intersection of Swope Street and 1st Avenue).	
Date: December 4, 2020	

Photo: 14	
Direction: Northeast	
Description: A view from the southwest corner of the subject property (Swope Street).	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 15	
Direction: East	
Description: A view of the southern boundary of the subject property and the adjacent street (Swope Street).	
Date: December 4, 2020	

Photo: 16	
Direction: North	
Description: A view a wooden berm-like structure on the southeastern side of the subject property. The structure was previously part of a loading ramp.	
Date: December 4, 2020	

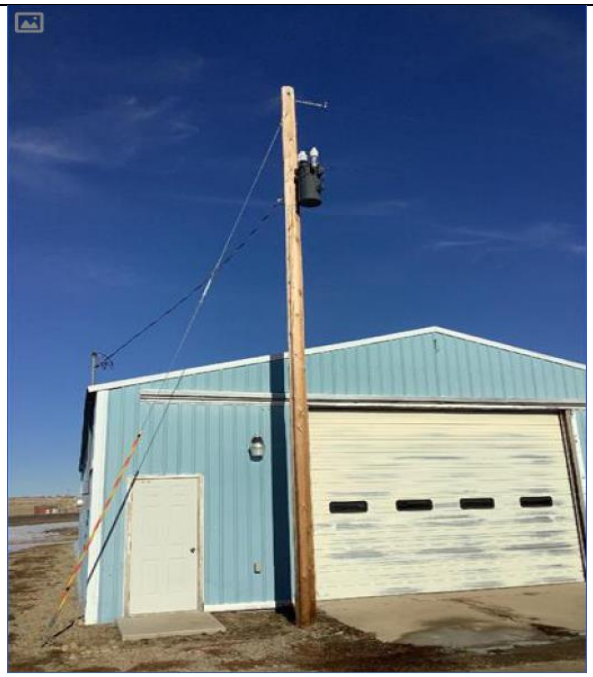
Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 17	
Direction: NA	
Description: A view of the eastern boundary of the subject property and adjacent street (1st Avenue).	
Date: December 4, 2020	

Photo: 18	
Direction: West	
Description: A view of the northern boundary of the subject property and adjacent unnamed gravel road.	
Date: December 4, 2020	

Appendix C: Site Photographs
Hilger VFD
Section 12, Township 17 North, Range 18 East
Lots 4, 5 and 6, Block 12
Hilger, Montana

Photo: 19	
Direction: South	
Description: A view of the fence line marking the western boundary of the subject property.	
Date: December 4, 2020	

Photo: 20	
Direction: North	
Description: A view of pole-mounted transformer at the fire station on the adjacent property to the north of the subject property.	
Date: December 4, 2020	

APPENDIX D

INTERVIEW DOCUMENTATION AND USER-PROVIDED INFORMATION

Phase I Environmental Site Assessment
Property Information Questionnaire

Site Name: Hilger VFD

Site Address: Hilger, MT

Date: Nov 17-2020

Tetra Tech Project No. 103X903520F0082201012

Prepared By (Check One): [X] Owner [ ] Occupant [ ] Tetra Tech

Hilger Rural Fire Dept
Richard Wassler

ASTM Related Questions: Fire Chief

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
1a	Is the property used for an industrial use?		X								
1b	Is any adjoining property used for an industrial use?		X								
2a	Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?		X								
2b	Did you observe evidence or do you have any prior knowledge that the adjoining property has been used for an industrial use in the past?		X								
3a	Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.)		X								

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
3b	Is the adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.)		X								
4a	Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment storage, disposal, processing, or recycling facility? (If applicable, identify which.)		X								
4b	Did you observe evidence or do you have any prior knowledge that the adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment storage, disposal, processing, or recycling facility? (If applicable, identify which.)		X								
5a	Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of > 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?		X								
5b	Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of > 5 gal (19 L) in volume or 50 gal (190 L) in		X								

Phase I Environmental Site Assessment
Property Information Questionnaire

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
6a	Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?		X								
6b	Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?		X								
7a	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?		X								
7b	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?		X								
8a	Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X								
8b	Did you observe evidence or do you have any prior knowledge that there have been previously any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?		X								
9a	Is there currently any stained soil on the property?		X								
9b	Did you observe evidence or do you have any prior knowledge that there has been previously any stained soil on the property?		X								
10a	Are there currently any registered or unregistered storage tanks (above or underground) located on the property?		X								
10b	Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?		X								

Phase I Environmental Site Assessment
Property Information Questionnaire

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
11a	Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure on the property?		X								
11b	Did you observe evidence or do you have any prior knowledge that there have been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		X								
12a	Are there currently any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?		X								
12b	Did you observe evidence or do you have any prior knowledge that there have been previously any flooring, drains, or walls within the facility that are stained by substances other than water or were emitting foul odors?		X								
13a	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?		X								
13b	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?		X								
14	Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		X								

Phase I Environmental Site Assessment
Property Information Questionnaire

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
15a	Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?		X								
15b	Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?		X								
15c	Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?		X								
16	Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?		X								
17	Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		X								
18a	Does the property discharge waste water, on or adjacent to the property, other than storm water, into a storm water sewer system?		X								
18b	Does the property discharge waste water, on or adjacent to the property, other than storm water, into a sanitary sewer system?		X								

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
19	Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?		X								
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X								
21	Is there any knowledge of a valuation reduction for the property based upon environmental issues?		X								
22a	Is there any knowledge of activity and use limitations placed on the property due to residual contamination?		X								
22b	Is there any knowledge of activity and use limitations placed on adjacent properties due to residual contamination?		X								
23a	Is there any knowledge of the property being abandoned or evidence of unauthorized uses or uncontrolled access to the property?		X								
23b	Is there any knowledge of an adjacent property being abandoned or evidence of unauthorized uses or uncontrolled access to the property?		X								

Non-ASTM Related Questions:

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
24	Are there any wetland or floodplains? (100-year or 500-year floodplains?)		X								
25a	Are there any streams or ditches that run through or adjacent to the property?		X								

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
26a	Are there any low areas where water ponds with snowmelt or after rainstorms?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
27	Any known or suspected asbestos-containing materials? What year was the property/structure constructed?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
28	Any known or suspected lead-based paint? Date constructed?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
29	Radon issues? How long will the area be occupied? Is the area in a basement?		☒								

For Active Facilities:

	Question	Owner			Occupant			Observed			Comments
		Y	N	U	Y	N	U	Y	N	U	
30	Any visual signs of indoor air quality issues? For example, excessive dust, smells, or mold observed on the walls?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
31	Community Right to Know posting of Materials Safety Data Sheets and/or other health related information?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
32	Are employees wearing PPE for work conditions noted? For example, hard-toed shoes, hard hat, safety glasses, hearing protection, etc?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
33	Does there appear to be excessive noise issues?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
34	Other potential unsafe working conditions identified?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
35	Health and safety gear observed, such as, first aid kits, fire extinguishers, or eye wash stations?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
36	Are there any pits, tanks, or sumps that must be entered by employees that may be a confined space?	☐	☒	☐	☐	☐	☐	☐	☐	☐	
37	Are there any historical or active septic systems?	☐	☒	☐	☐	☐	☐	☐	☐	☐	

Government Records / Historical Sources Inquiry:

	Question	Applicable Y	Applicable N	Applicable N/A	Comments
	Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:				
38	National Priorities List – within 1.0 mile (1.6 Km)?			X	
	CERCLIS List – within 0.5 mile (0.8 Km)?			X	
	RCRA CORRACTS Facilities – within 1.0 mile (1.6 Km)?			X	
	RCRA non-CORRACTS TSD Facilities – within 0.5 mile (0.8 Km)?			X	
	Do any of the following state record systems list the property or any property within the circumference of the area noted below:				
39	List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state equivalent to National Priorities List – within 1.0 mile (1.6 Km)?			X	
	List maintained by state environmental agency of sites identified for investigation or remediation that is the state equivalent to CERCLIS List – within 0.5 mile (0.8 Km)?			X	
	Leaking Underground Storage Tank (LUST) List – within 0.5 mile (0.8 Km)?		X		
	Solid Waste/Landfill Facilities – within 0.5 mile (0.8 Km)?		X		
40	Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?		X		

Printed Name: Richard Hassler

Signature: Richard Hassler **Date:** Nov 17-2020

Property Record Card

Summary

Primary Information

Property Category: RP
Subcategory: Residential Property
Geocode: 08-2685-12-1-02-03-0000
Assessment Code: 0000318600
Primary Owner:
FERGUS COUNTY
712 W MAIN ST
LEWISTOWN, MT 59457-2562
PropertyAddress:
COS Parcel:
NOTE: See the Owner tab for all owner information
Certificate of Survey:
Subdivision: HILGER ORIG TOWNSITE
Legal Description:
HILGER ORIG TOWNSITE, S12, T17 N, R18 E, BLOCK 012, Lot 004 - 006
Last Modified: 8/3/2020 4:34:03 PM

General Property Information

Neighborhood: 208.001.2
Property Type: VAC_R - Vacant Land - Rural
Living Units: 0
Levy District: 08-1258-1
Zoning:
Ownership %: 100
Linked Property:
No linked properties exist for this property
Exemptions:

Exemption Type	TIF Number
Governmental Exemptions	

Condo Ownership:
General: 0
Limited: 0

Property Factors

Topography:
Fronting:
Utilities:
Parking Type:
Access:
Parking Quantity:
Location:
Parking Proximity:

Land Summary

Land Type	Acres	Value
Grazing	0.000	00.00
Fallow	0.000	00.00
Irrigated	0.000	00.00
Continuous Crop	0.000	00.00
Wild Hay	0.000	00.00
Farmsite	0.000	00.00
ROW	0.000	00.00
NonQual Land	0.000	00.00
Total Ag Land	0.000	00.00
Total Forest Land	0.000	00.00
Total Market Land	0.482	5,950.00

Deed Information:

Deed Date	Book	Page	Recorded Date	Document Number	Document Type
7/22/2020			7/22/2020	135990	Warranty Deed

11/13/2018			11/13/2018	130656	Statement of Acknowledgement
10/26/2018			10/26/2018	130546	Beneficiary Deed
10/10/2013			10/10/2013	113060	Quit Claim Deed

Owners

Party #1

Default Information: FERGUS COUNTY
712 W MAIN ST
Ownership %: 100
Primary Owner: "Yes"
Interest Type: Fee Simple
Last Modified: 8/3/2020 4:23:58 PM

Other Names

Name **Type**

Other Addresses

Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2020	5950	0	5950	COST
2019	5950	0	5950	COST
2018	6300	0	6300	COST

Market Land

Market Land Item #1

Method: Sqft
Type: Primary Site
Width: 150
Depth: 140
Square Feet: 21,000
Acres:

Valuation

Class Code: 2101
Value: 5950

Dwellings

Existing Dwellings

No dwellings exist for this parcel

Other Buildings/Improvements

Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

Ag/Forest Land

Ag/Forest Land

No ag/forest land exists for this parcel

APPENDIX E

ERIS DATABASE REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Hilger VFD* *Hilger VFD* *Hilger MT*
Project No:	*103X903520F0082201012*
Report Type:	*Database Report*
Order No:	*20310500166*
Requested by:	*Tetra Tech*
Date Completed:	*November 7, 2020*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Hilger VFD* *Hilger VFD Hilger MT*
Project No:	*103X903520F0082201012*

Coordinates:

Latitude:	*47.25346523*
Longitude:	*-109.36062932*
UTM Northing:	*5,234,634.76*
UTM Easting:	*624,042.16*
UTM Zone:	*UTM Zone 12T*

Elevation: *4,069 FT*

Order Information:

Order No:	*20310500166*
Date Requested:	*November 5, 2020*
Requested by:	*Tetra Tech*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (Boundaries)*
Chain of Title & Lien Searches	*60-YR Historic Chain of Title with Environmental Lien Search*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
FRP	Y	0.25	0	0	0	-	-	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA CESQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	**1**	0	0	-	**1**
FEMA UST	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	0	0	0
DSHW	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HIST LANDFILLS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**1**	0	0	-	**1**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	**1**	0	-	-	**1**
DTNK	Y	0.25	0	0	0	-	-	0
INST	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
WQA	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	0	0	-	-	-	0
CDL	Y	PO	0	-	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
MINE	Y	1	0	0	0	0	0	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			*0*	***3***	*0*	*0*	*0*	***3***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	LUST	FORMER HILGER COUNTRY STORE	14762 US Hwy 191 Hilger MT	NNE	0.10 / 542.56	8	15
			Release ID: 4653				
1	UST	FORMER HILGER COUNTRY STORE	14762 US Hwy 191 HILGER MT 59451	NNE	0.10 / 542.56	8	15
			***Alt Facility ID	Active Tanks:*** 14-02289 | ***Tank ID	Status Desc:*** 03	Permanently Out of Use, 02	Permanently Out of Use, 04	Permanently Out of Use, 01	Permanently Out of Use			
1	FED BROWNFIELDS	Hilger Country Store	14762 US HWY 191 HILGER MT 59451	NNE	0.10 / 542.56	8	19

Executive Summary: Summary by Data Source

Standard

Federal

FED BROWNFIELDS - The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database

A search of the FED BROWNFIELDS database, dated Sep 3, 2019 has found that there are 1 FED BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hilger Country Store	14762 US HWY 191 HILGER MT 59451	NNE	0.10 / 542.56	1

State

LUST - Leaking UST Site List

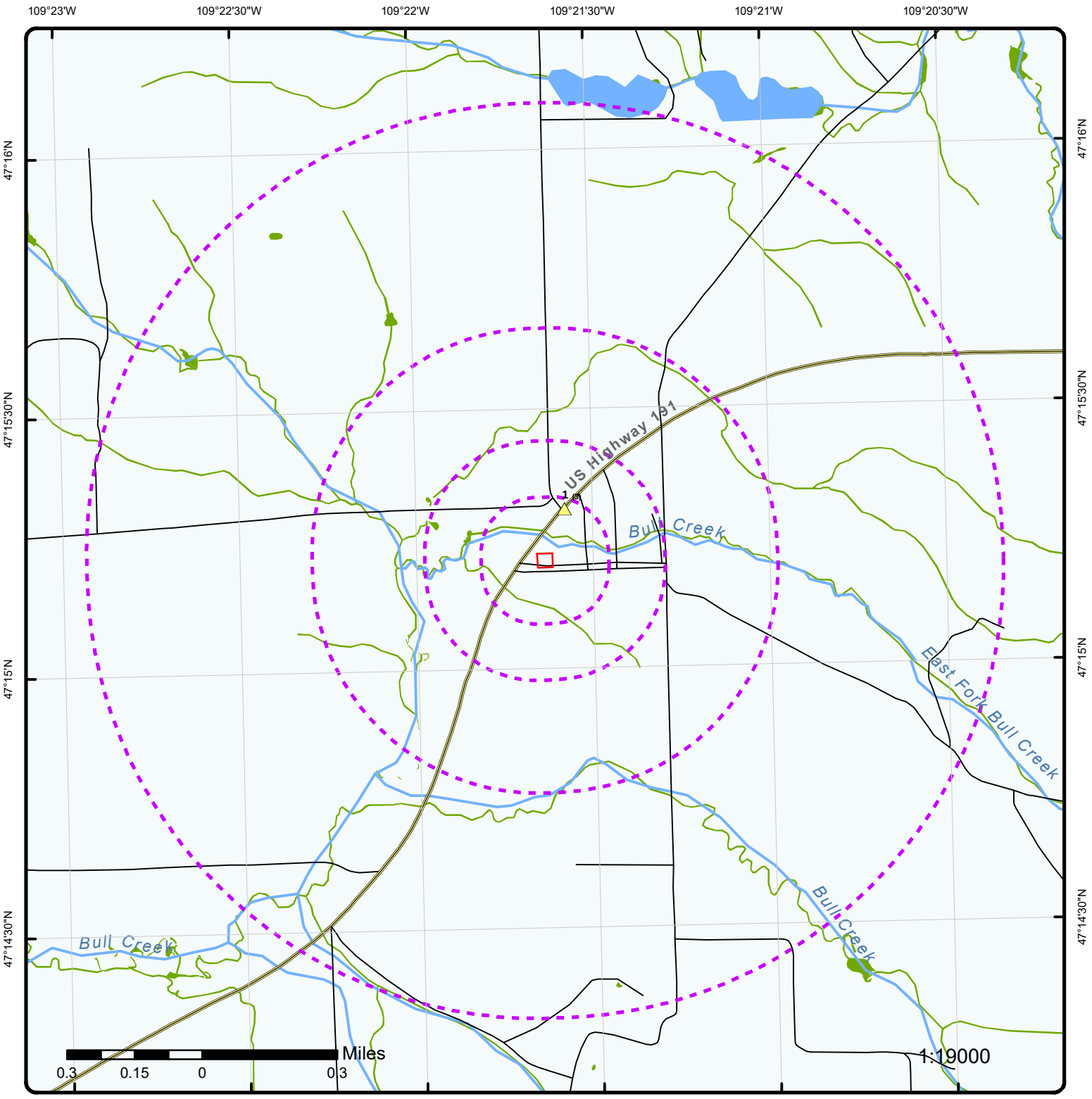
A search of the LUST database, dated Jun 25, 2020 has found that there are 1 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER HILGER COUNTRY STORE	14762 US Hwy 191 Hilger MT	NNE	0.10 / 542.56	1
	***Release ID**: 4653*			

UST - Underground Storage Tank Facilities

A search of the UST database, dated Dec 12, 2018 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER HILGER COUNTRY STORE	14762 US Hwy 191 HILGER MT 59451	NNE	0.10 / 542.56	1
	***Alt Facility ID* | *Active Tanks**: 14-02289 |* ***Tank ID* | *Status Desc**: 03 | Permanently Out of Use, 02 | Permanently Out of Use, 04 | Permanently Out of Use, 01 | Permanently Out of Use*			



Map : 1.0 Mile Radius

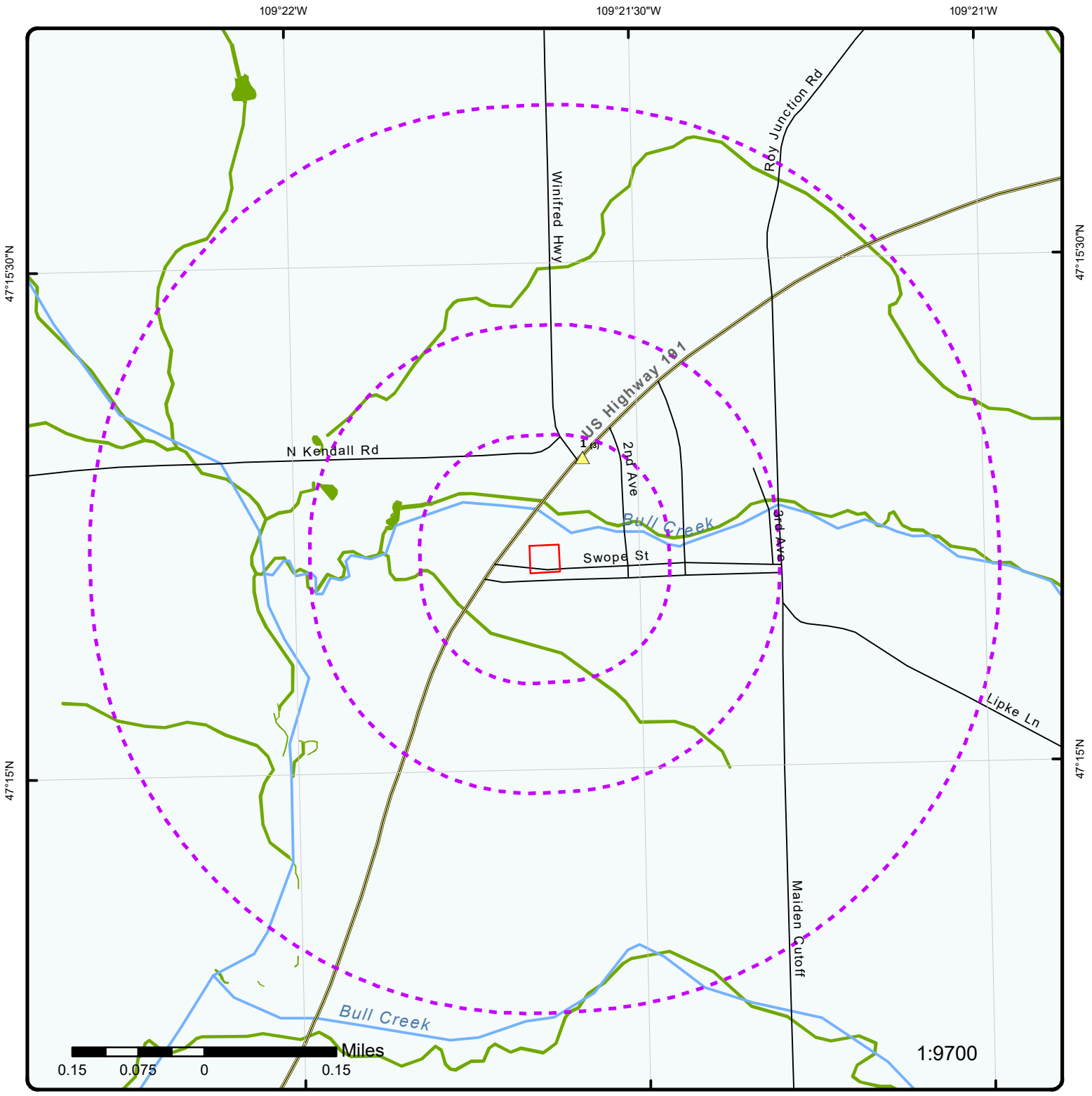
Order Number: 20310500166

Address: Hilger VFD, Hilger, MT

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI



Map : 0.5 Mile Radius

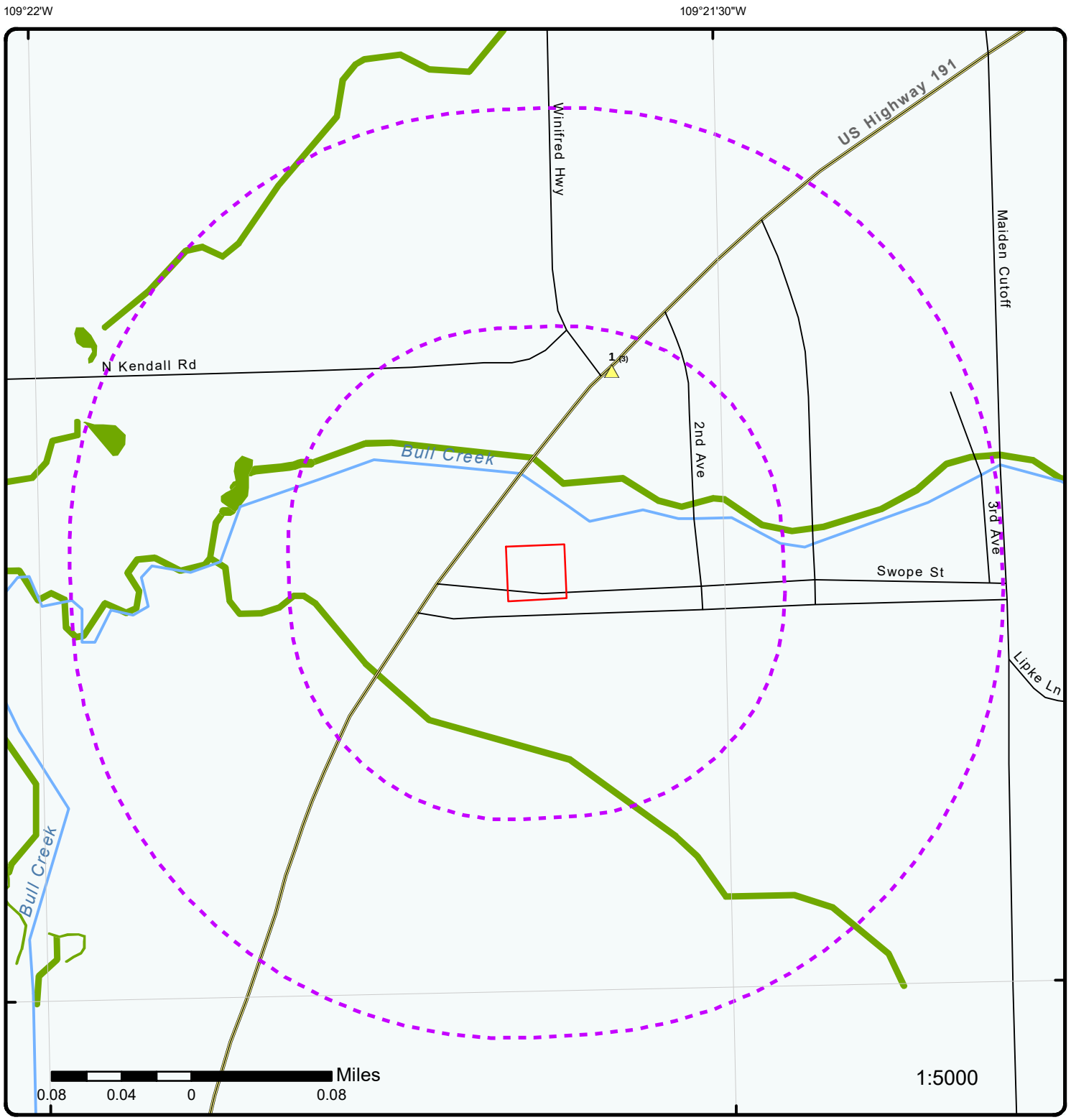
Order Number: 20310500166

Address: Hilger VFD, Hilger, MT

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI



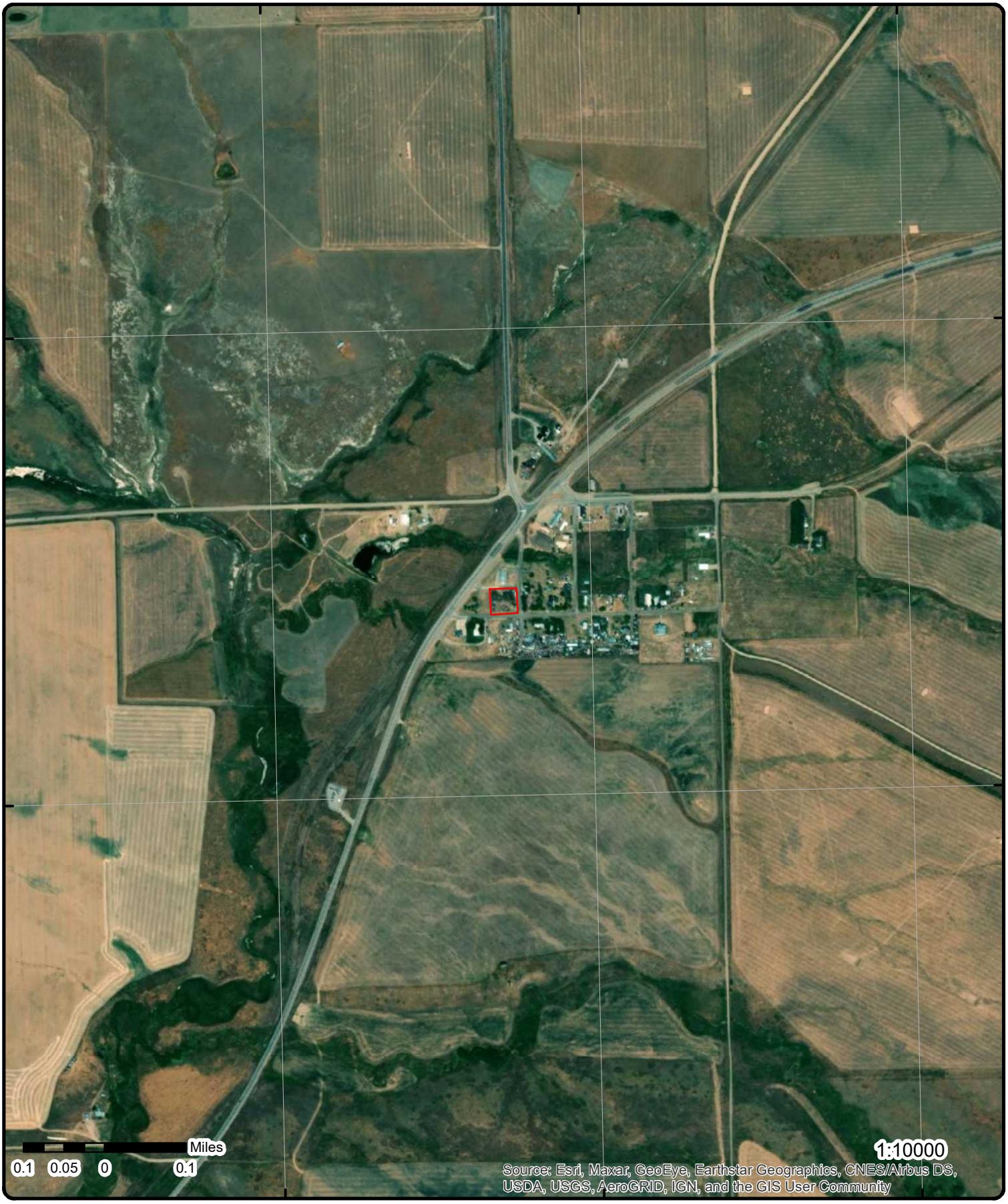
Map : 0.25 Mile Radius

Order Number: 20310500166

Address: Hilger VFD, Hilger, MT

ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



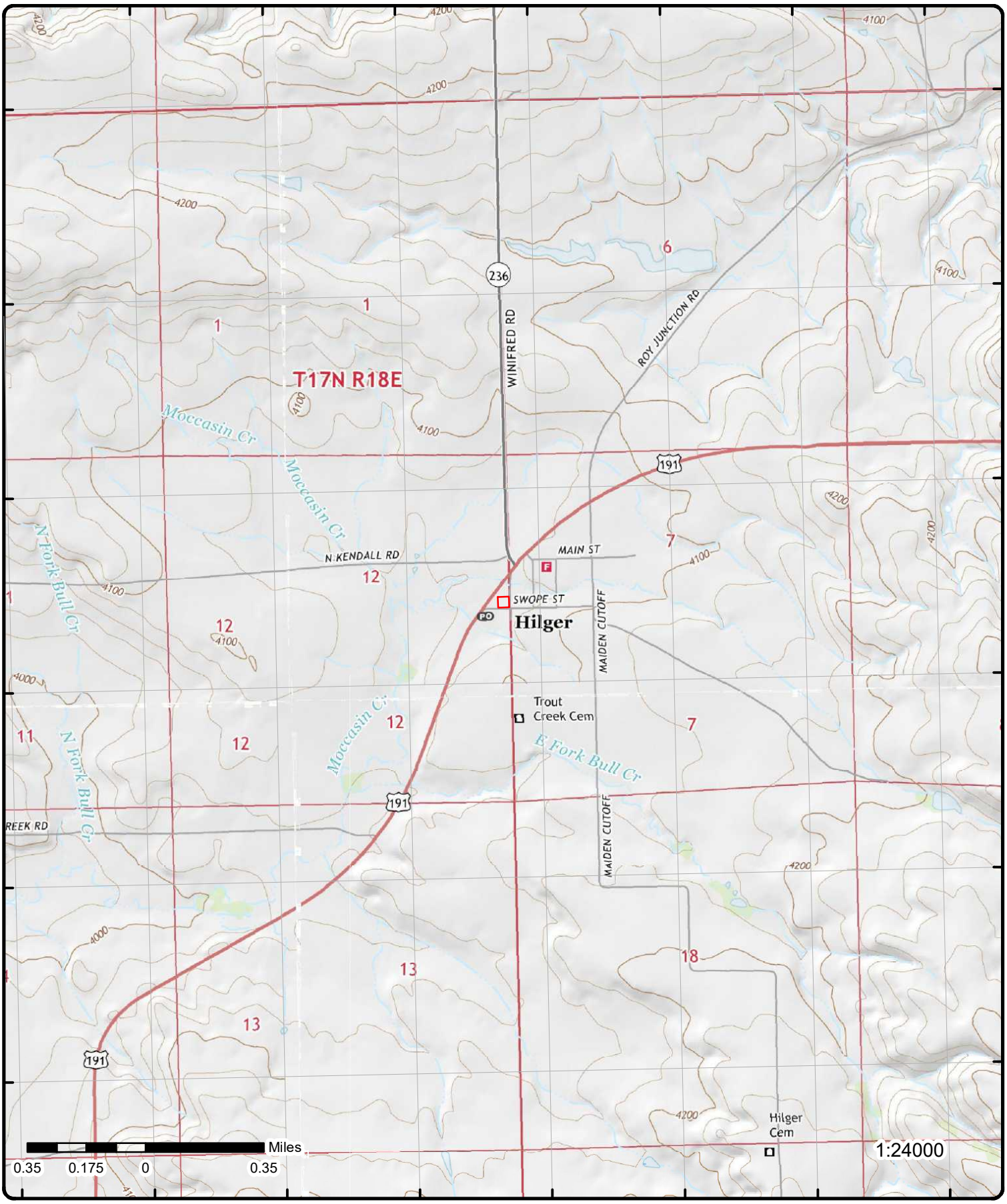
Aerial Year: 2017

Address: Hilger VFD, Hilger, MT

Source: ESRI World Imagery

Order Number: 20310500166

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Year: 2017

Order Number: 20310500166

Address: Hilger VFD, MT

Quadrangle(s): Hilger,MT; Kendall,MT; New Year,MT; Brooks,MT

Source: USGS Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 3	NNE	0.10 / 542.56	4,076.82 / 8	FORMER HILGER COUNTRY STORE 14762 US Hwy 191 Hilger MT	LUST

Release ID:	4653	**Legacy Facility Code:**	14-02289
Facility ID:	20099	**Confirmed Date:**	2/1/2008
Event Type:	LUST - Petroleum	**Resolved Date:**	
Lead Program:	Petroleum Storage Tank Cleanup	**Release Regulation:**	Federal

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 3	NNE	0.10 / 542.56	4,076.82 / 8	FORMER HILGER COUNTRY STORE 14762 US Hwy 191 HILGER MT 59451	UST

Sys Facility ID:	1402289	**Indian Lands:**	No
Alt Facility ID:	14-02289	**Tribe ID:**	
Active Tanks:		**Tribe Name:**	
Non Active Tanks:	4	**On Reservation:**	No
Site ID:	34644	**Tribe Owned:**	No
Retrieved Date:	12/20/2018 22:21:44	**Op Permit Renew Dt:**	
Facility County:	FERGUS	**Last Permit Issued:**	
Operator 1st Name:	Lawrence	**Operator Last Name:**	Bielen

Tank Details

Tank ID:	03	**Pipeline Tightness:**	
Tag No:	5729	**Pipe Vapor Monitor:**	
Status Desc:	Permanently Out of Use	**Pipe GW Monitor:**	
Emergen:	No	**Pipe Sir:**	
Fed Regulated:	Yes	**Pipe LD Other:**	
State Regulated:	Yes	**Pipe LD Deferred:**	
AST:	No	**Pipe LD not Listed:**	Not Listed
Manifold:	No	**Signed:**	
Compartment:	No	**Pipe2 Line Tightness:**	
Installed:		**Pipe2 Vapor Monitor:**	
Capacity:	657	**Pipe2 GW Monitor:**	
Tank Mat Desc:	Bare Steel	**Pipe2 Sir:**	
Tank Mod Desc:	None	**Pipe2 D Other:**	
Pipe Mat Desc:	Steel	**Pipe2 LD Deferred:**	
Pipe Mod Desc:	None	**Pipe2 LD Not Listed:**	Not Listed
Substance:	3	**Pipe2 ATG:**	
Substance Desc:	Gasoline	**Pipe2 ATG2:**	
Last Used:	11/18/2016 0:00:00	**Sump Tightness Test:**	
Closurer CVD:	12/16/2016 0:00:00	**Line CP Test:**	
Closed:	11/18/2016 0:00:00	**Line Tightness Test:**	
Clos Status Desc:	Tank removed from ground	**LD Catastrophic:**	
Clos Site Assess:	Yes	**Overfill:**	No
Clos Leak Detected:	Yes	**Overfill Type1:**	
Tank Manual Gauge:		**Overfill Type2:**	
Tank Tightness:		**Spill:**	No
Tank Inv Control:		**CP:**	No
Tank ATG:		**CP Type1:**	
Tank ATG2:		**CP Type2:**	
Tank Vapor Monitor:		**Energy Act:**	No
Tank GW Monitor:		**Pipe ELLD:**	

Tank Sir:		**Pipe2 ELLD:**	
Tank LD Other:		**ATG Make:**	
Tank LD Deferred:		**ATG Model:**	
Tank LD not Listed:	Not Listed	**P Install Date:**	
Tank Permit Type:		**Partial Pipe:**	No
COP Expiry Date:		**P Type Desc:**	Not Listed
Retrieved:	12/20/2018 22:24:33	**Pipe ATG:**	
Date Capped:		**Pipe ATG2:**	
Date Emptied:	11/18/2016 0:00:00		

Substance Comments: 12/27/16: Brandon Kingsbury, DEQ Petroleum Brownfields Coordinator, email says he has the sample results.
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat: 12/27/16: Brandon Kingsbury, DEQ Petroleum Brownfields Coordinator, email says he has the sample results.
Tank Comments: found
Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments: 12/27/16: Brandon Kingsbury, DEQ Petroleum Brownfields Coordinator, email says he has the sample results.

Tank Details

Tank ID:	02	**Pipeline Tightness:**	
Tag No:		**Pipe Vapor Monitor:**	
Status Desc:	Permanently Out of Use	**Pipe GW Monitor:**	
Emergen:	No	**Pipe Sir:**	
Fed Regulated:	Yes	**Pipe LD Other:**	
State Regulated:	Yes	**Pipe LD Deferred:**	
AST:	No	**Pipe LD not Listed:**	Not Listed
Manifold:	No	**Signed:**	
Compartment:	No	**Pipe2 Line Tightness:**	
Installed:	4/30/1983 0:00:00	**Pipe2 Vapor Monitor:**	
Capacity:	1000	**Pipe2 GW Monitor:**	
Tank Mat Desc:	Bare Steel	**Pipe2 Sir:**	
Tank Mod Desc:	None	**Pipe2 D Other:**	
Pipe Mat Desc:	Steel	**Pipe2 LD Deferred:**	
Pipe Mod Desc:	None	**Pipe2 LD Not Listed:**	
Substance:	3	**Pipe2 ATG:**	
Substance Desc:	Gasoline	**Pipe2 ATG2:**	
Last Used:		**Sump Tightness Test:**	
Closurer CVD:		**Line CP Test:**	
Closed:	8/15/1985 0:00:00	**Line Tightness Test:**	
Clos Status Desc:	Tank removed from ground	**LD Catastrophic:**	
Clos Site Assess:	No	**Overfill:**	No
Clos Leak Detected:	No	**Overfill Type1:**	
Tank Manual Gauge:		**Overfill Type2:**	
Tank Tightness:		**Spill:**	No
Tank Inv Control:		**CP:**	No
Tank ATG:		**CP Type1:**	
Tank ATG2:		**CP Type2:**	
Tank Vapor Monitor:		**Energy Act:**	No
Tank GW Monitor:		**Pipe ELLD:**	
Tank Sir:		**Pipe2 ELLD:**	
Tank LD Other:		**ATG Make:**	
Tank LD Deferred:		**ATG Model:**	
Tank LD not Listed:	Not Listed	**P Install Date:**	
Tank Permit Type:		**Partial Pipe:**	No
COP Expiry Date:		**P Type Desc:**	Not Listed
Retrieved:	12/20/2018 22:24:33	**Pipe ATG:**	
Date Capped:		**Pipe ATG2:**	
Date Emptied:			

Substance Comments:
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments:

Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments:

Tank Details

Tank ID:	04	***Pipeline Tightness:***	
Tag No:	5730	***Pipe Vapor Monitor:***	
Status Desc:	Permanently Out of Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	Not Listed
Manifold:	No	***Signed:***	
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:		***Pipe2 Vapor Monitor:***	
Capacity:	657	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Bare Steel	***Pipe2 Sir:***	
Tank Mod Desc:	None	***Pipe2 D Other:***	
Pipe Mat Desc:	Steel	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	None	***Pipe2 LD Not Listed:***	Not Listed
Substance:	3	***Pipe2 ATG:***	
Substance Desc:	Gasoline	***Pipe2 ATG2:***	
Last Used:	11/18/2016 0:00:00	***Sump Tightness Test:***	
Closurer CVD:	12/16/2016 0:00:00	***Line CP Test:***	
Closed:	11/18/2016 0:00:00	***Line Tightness Test:***	
Clos Status Desc:	Tank removed from ground	***LD Catastrophic:***	
Clos Site Assess:	Yes	***Overfill:***	No
Clos Leak Detected:	Yes	***Overfill Type1:***	
Tank Manual Gauge:		***Overfill Type2:***	
Tank Tightness:		***Spill:***	No
Tank Inv Control:		***CP:***	No
Tank ATG:		***CP Type1:***	
Tank ATG2:		***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	
Tank LD Deferred:		***ATG Model:***	
Tank LD not Listed:	Not Listed	***P Install Date:***	
Tank Permit Type:		***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	Not Listed
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	
Date Emptied:	11/18/2016 0:00:00		

Substance Comments: 12/27/16: Brandon Kingsbury, DEQ Petroleum Brownfields Coordinator, email says he has the sample results.
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat: 12/27/16: Brandon Kingsbury, DEQ Petroleum Brownfields Coordinator, email says he has the sample results.
Tank Comments: found
Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments: 12/27/16: Brandon Kingsbury, DEQ Petroleum Brownfields Coordinator, email says he has the sample results.

Tank Details

Tank ID:	01	***Pipeline Tightness:***	
Tag No:		***Pipe Vapor Monitor:***	
Status Desc:	Permanently Out of Use	***Pipe GW Monitor:***	

Emergen:	No	**Pipe Sir:**	
Fed Regulated:	Yes	**Pipe LD Other:**	
State Regulated:	Yes	**Pipe LD Deferred:**	
AST:	No	**Pipe LD not Listed:**	Not Listed
Manifold:	No	**Signed:**	
Compartment:	No	**Pipe2 Line Tightness:**	
Installed:	4/30/1983 0:00:00	**Pipe2 Vapor Monitor:**	
Capacity:	1000	**Pipe2 GW Monitor:**	
Tank Mat Desc:	Bare Steel	**Pipe2 Sir:**	
Tank Mod Desc:	None	**Pipe2 D Other:**	
Pipe Mat Desc:	Steel	**Pipe2 LD Deferred:**	
Pipe Mod Desc:	None	**Pipe2 LD Not Listed:**	
Substance:	3	**Pipe2 ATG:**	
Substance Desc:	Gasoline	**Pipe2 ATG2:**	
Last Used:	8/15/1985 0:00:00	**Sump Tightness Test:**	
Closurer CVD:		**Line CP Test:**	
Closed:	12/26/1989 0:00:00	**Line Tightness Test:**	
Clos Status Desc:	Tank removed from ground	**LD Catastrophic:**	
Clos Site Assess:	No	**Overfill:**	No
Clos Leak Detected:	No	**Overfill Type1:**	
Tank Manual Gauge:		**Overfill Type2:**	
Tank Tightness:		**Spill:**	No
Tank Inv Control:		**CP:**	No
Tank ATG:		**CP Type1:**	
Tank ATG2:		**CP Type2:**	
Tank Vapor Monitor:		**Energy Act:**	No
Tank GW Monitor:		**Pipe ELLD:**	
Tank Sir:		**Pipe2 ELLD:**	
Tank LD Other:		**ATG Make:**	
Tank LD Deferred:		**ATG Model:**	
Tank LD not Listed:	Not Listed	**P Install Date:**	
Tank Permit Type:		**Partial Pipe:**	No
COP Expiry Date:		**P Type Desc:**	Not Listed
Retrieved:	12/20/2018 22:24:33	**Pipe ATG:**	
Date Capped:		**Pipe ATG2:**	
Date Emptied:			
Substance Comments:			
Tank Interstitial Dbl Walled:			
Tank Interstitial Sec Contain:			
Tank Other Mat:			
Tank Comments:			
Pipe Interstitial Dbl Walled:			
Pipe Interstitial Sec Contain:			
Pipe2 Interstitial Dbl Walled:			
Pipe2 Interstitial Sec Contain:			
Pipe Mat Other:			
Pipe Type Comments:			
Piping Comments:			

Permit Details

Permit ID:	170060	**Date App Received:**	11/17/2016 0:00:00
Issued Org ID:	25115	**Date Permit Issued:**	11/17/2016 0:00:00
Licensee Org ID:	317	**Date Project Comp:**	12/13/2016 0:00:00
Permit Status:	Complete	**Retrieved:**	12/20/2018 22:23:30
Issued F Name:	Wally	**Licensee F Name:**	Michael
Issued L Name:	Jemmings	**Licensee L Name:**	Connolly
Permit Comments:	UST 3 (tag #5729) and UST 4 (tag #5730): Remove and Properly Close ""FOUND"" Tanks and Piping.		

NAIC

NAIC:	44	**NAIC Desc:**	Retail Trade
NAIC Name:	44-45	**Retrieved:**	12/20/2018 22:22:44

Contact(s)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

UST Org ID:	22392	**Site Affil Type Desc:**	Owner
Site ID:	34644	**Retrieved:**	12/20/2018 22:19:50
Site Affil Type ID:	3	**Contact First Name:**	Laurence
Site Affil Start:	11/17/2016 0:00:00	**Contact Last Name:**	Bielen
Site Affil End:		**Busn Name:**	

1	3 of 3	NNE	0.10 / 542.56	4,076.82 / 8	**Hilger Country Store** **14762 US HWY 191** **HILGER MT 59451**	**FED BROWNFIELDS**

Acres Property ID:	201081	**SFLLP Fact Owship:**	
Prprty Size(Acres):	.8	**Hrzntl Collct Mthd:**	Address Matching-House Number
Type of Funding:	Petroleum	**Source Map Scale:**	
Local Property No:		**Reference Point:**	Entrance Point of a Facility or Station
Ownership Entity:	Private	**Horiz Refer Datum:**	North American Datum of 1983
Current Owner:	Larry Bielen	**Latitude:**	47.254923
DID Ownrshp Chng:	N	**Longitude:**	-109.35939400000001
Cleanup Required:	Y		
Cntmnt Fnd Ctrl Sbstncs:			
Cntmnt Fnd Petroleum:	Y		
Cntmnt Fnd Asbestos:			
Cntmnt Fnd Lead:			
Cntmnt Fnd Pahs:			
Cntmnt Fnd Pcbs:			
Cntmnt Fnd Vocs:			
Cntmnt Fnd Selenium:			
Cntmnt Fnd Iron:			
Cntmnt Fnd Arsenic:			
Cntmnt Fnd Cadmium:			
Cntmnt Fnd Chromium:			
Cntmnt Fnd Copper:			
Cntmnt Fnd Mercury:			
Cntmnt Fnd Nickel:			
Cntmnt Fnd Pesticides:			
Cntmnt Fnd Svocs:			
Cntmnt Fnd Other Metals:			
Cntmnt Fnd Other:			
Cntmnt Fnd Other Descr :			
Cntmnt Fnd Unknown:			
Cntmnt Fnd None:			
Cntmnt Clnd Up Ctl Sbst:			
Cntmnt Clnd Up Petroleum:	Yes		
Cntmnt Clnd Up Asbestos:			
Cntmnt Clnd Up Lead:			
Cntmnt Clnd Up PAHs:			
Cntmnt Clnd Up PCBs:			
Cntmnt Clnd Up VOCs:			
Cntmnt Clnd Up Selenium:			
Cntmnt Clnd Up Iron:			
Cntmnt Clnd Up Arsenic:			
Cntmnt Clnd Up Cadmium:			
Cntmnt Clnd Up Chromium:			
Cntmnt Clnd Up Copper:			
Cntmnt Clnd Up Mercury:			
Cntmnt Clnd Up Nickel:			
Cntmnt Clnd Up Pesticides:			
Cntmnt Clnd Up Svocs:			
Cntmnt Clnd Oth Metals:			
Cntmnt Clnd Up Other:			
Cntmnt Clnd Up Oth Desc:			
Cntmnt Clnd Up Unknown:			
Cntmnt Clnd Up None:			
Media Affected Air:			
Media Affected Sediments:			
Media Affected Soil:	Y		
Media Affect Drnking Wtr:			
Media Affected Grnd Wtr:	Yes		

Media Affctd Surf Wtr:	
Media Affctd Bldg Matrls:	
Media Affected Indoor Air:	
Media Affected None:	
Media Affected Unknown:	
Media Clnd Up Air:	
Media Clnd Up Sediments:	
Media Clnd Up Soil:	Yes
Media Clnd Up Drnk Wtr:	
Media Clnd Up Grnd Wtr:	Yes
Media Clnd Up Surf Wtr:	
Media Clnd Up Bldg Mats:	
Media Clnd Up Indoor Air:	
Media Clnd Up Unknown:	
St Tribal Prg ID No:	4653
Further Action Cleanup:	03/15/2018 00:00:00
Enrollment St Tribal Prg:	03/27/2015 00:00:00
Institutional Ctrl ICs Req:	N
IC Catgry Proprietary Ctrls:	
IC Catgry Informational Dev:	
IC Catgry Govmntal Ctrls:	
IC Catgry Enfrc Prmt Tls:	
ICs in Place:	N
Date ICs in Place:	
Photographs are Available:	Y
Video is Available:	N
Description History:	Fueling station operated on the property from 1983-1985. USTs were removed in late 1985. Currently the property is a meat processing facility.

Detail Information

Grant Recipient Nme:	Montana Department of Environmental Quality	***Acre/Grnspc Create:***	
Accmplshmnt Count:	1	***Redev Funding Src:***	
Coop Agreement No:	98881114	***Redev Funding Amt:***	
Brwnfld Grant Type:	Section 128(a) State/Tribal	***Highlights:***	
Assessment Phase:	Phase II Environmental Assessment	***IC Data Address:***	
Assmnt Start Date:	08/10/2015 00:00:00	***Redev Complete Dt:***	
Assmnt Complete Dt:	08/12/2015 00:00:00	***2010 No Blw Pvrty:***	4
Assmnt Funding Amt:	22000	***2010 Below Poverty:***	19.1%
Cleanup Start Date:	11/17/2016 00:00:00	***2010 Median Income:***	177
Clnup Complete Dt:	01/31/2017 00:00:00	***2010 No Low Income:***	8
Acres Cleaned Up:		***2010 Low Income:***	38.1%
Cleanup Fnding Src:	US EPA - State & Tribal Section 128(a) Funding	***2010 No Vcnt Housng:***	3
Cleanup Fnding Amt:	3774	***2010 Vacnt Housng:***	25.3%
Redevmnt Start Dt:		***2010 No Unemployed:***	0
Clnup / Redev Jobs:		***2010 Unemployed:***	.0%
Assmnt Funding Src:	US EPA - State & Tribal Section 128(a) Funding		
Entity Prvde Assmnt Fnds:	EPA		
Enty Prvdng Clnup Fnd:	EPA		
Entity Prvding Redev Funds:			
Past Use Grnspace Arces:			
Past Use Residential Arces:			
Past Use Commercial Arces:	.8		
Past Use Industrial Arces:			
Past Use Multistory Arces:			
Future Use Multistory Arces:			
Future Use Greenspace:			
Future Use Residential:			
Future Use Commercial:	.8		
Future Use Industrial:			

Grant Recipient Nme:	Snowy Mountain Development Corporation	***Acre/Grnspc Create:***	
Accmplshmnt Count:	0	***Redev Funding Src:***	
Coop Agreement No:	96809001	***Redev Funding Amt:***	
Brwnfld Grant Type:	BCRLF	***Highlights:***	
Assessment Phase:		***IC Data Address:***	
Assmnt Start Date:		***Redev Complete Dt:***	

Assmnt Complete Dt:		***2010 No Blw Pvrty:***	4
Assmnt Funding Amt:		***2010 Below Poverty:***	19.1%
Cleanup Start Date:	03/15/2016 00:00:00	***2010 Median Income:***	177
Clnup Complete Dt:	01/11/2018 00:00:00	***2010 No Low Income:***	8
Acres Cleaned Up:	.8	***2010 Low Income:***	38.1%
Cleanup Fnding Src:	Brownfields RLF Grant Funds Loaned	***2010 No Vcnt Housng:***	3
Cleanup Fnding Amt:	198882	***2010 Vacnt Housng:***	25.3%
Redevmnt Start Dt:		***2010 No Unemployed:***	0
Clnup / Redev Jobs:		***2010 Unemployed:***	.0%
Assmnt Funding Src:			
Entity Prvde Assmnt Fnds:			
Enty Prvdng Clnup Fnd:	EPA		
Entity Prvding Redev Funds:			
Past Use Grnspace Arces:			
Past Use Residential Arces:			
Past Use Commercial Arces:	.8		
Past Use Industrial Arces:			
Past Use Multistory Arces:			
Future Use Multistory Arces:			
Future Use Greenspace:			
Future Use Residential:			
Future Use Commercial:	.8		
Future Use Industrial:			

Unplottable Summary

Total: 9 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
HMIRS		US 191	HILGER MT		818488435
SPILLS	FERGUS COUNTY HIGHWAY 191 MM 80	US Hwy 191 MM 80 Fergus County, MT ***CV ID:*** 16446 ***Status Type:*** Closed	MT		820494836
SPILLS	FERGUS COUNTY DOG CREEK BRIDGE PROJECT	Winifred Rd (gravel road) goes north approx 2 miles and then bends to the left, go straight through the farm gate. ***CV ID:*** 6516 ***Status Type:*** Closed	MT		820495477
UST	MALMSTROM AFB E 6	County Road 236 ***Alt Facility ID | Active Tanks:*** 14-09024 | 1 ***Tank ID | Status Desc:*** 02 | Currently in Use, 01 | Permanently Out of Use	HILGER MT	59451	820480957
UST	MALMSTROM AFB E 9	County Road 236 ***Alt Facility ID | Active Tanks:*** 14-09027 | 1 ***Tank ID | Status Desc:*** 02 | Currently in Use, 01 | Permanently Out of Use	HILGER MT	59451	820475168
UST	MALMSTROM AFB M 3	US Hwy 191 ***Alt Facility ID | Active Tanks:*** 14-09109 | 1 ***Tank ID | Status Desc:*** 01 | Permanently Out of Use, 02 | Currently in Use	HILGER MT	59451	820475169
UST	MALMSTROM AFB O 9	US Hwy 191 ***Alt Facility ID | Active Tanks:*** 14-09137 | 1 ***Tank ID | Status Desc:*** 02 | Currently in Use, 01 | Permanently Out of Use	HILGER MT	59451	820475538
UST	MALMSTROM AFB E 7	County Road 236 ***Alt Facility ID | Active Tanks:*** 14-09025 | 1 ***Tank ID | Status Desc:*** 01 | Permanently Out of Use, 02 | Currently in Use	HILGER MT	59451	820475167
UST	MALMSTROM AFB O 8	US Hwy 191 ***Alt Facility ID | Active Tanks:*** 14-09136 | 1 ***Tank ID | Status Desc:*** 02 | Currently in Use, 01 | Permanently Out of Use	HILGER MT	59451	820478957

Unplottable Report

Site:

US 191 HILGER MT HMIRS

Incident County: FERGUS

HMIR Incident Reports

Report No:	I-1992040114	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	1992-03-18	***Report Submit Src:***	Paper
Time of Incident:	1200	***Inc Multiple Rows:***	No
Haz Class Code:		***Inc Non US State:***	
Hazardous Class:	8	***Mode Transport:***	Highway
Commodity Short Nm:	PHOSPHORIC ACID SOLUTION	***Transport Phase:***	In Transit
Commodity Long Nm:	PHOSPHORIC ACID SOLUTION	***Incident Occrrnce:***	
Trade Name:	PHOSPHORIC ACID	***Mat Ship Approval?:***	No
ID No:	UN1805	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	DYCE CHEMICAL INC
Qty Released:	100	***CR Street Name:***	1353 TAYLOR PL
Unit of Measure:	Liquid - Gallon	***CR City:***	BILLINGS
What Failed:	;	***CR State:***	MT
What Failed Desc:	;	***CR Postal Code:***	59101-7356
How Failed Code:	;	***CR Non US State:***	
How Failed Desc:	;	***CR Fed DOT ID:***	0
Failure Cause Code:	531; 537	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Rollover Accident; Vehicular Crash or Accident Damage	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	DYCE CHEMICAL INC
Cont1 Pkging Type:		***Shipper Street Name:***	1353 TAYLOR PL
Cont1 Const Mat:		***Shipper City:***	BILLINGS
Cont1 Head Type:		***Shipper State:***	MT
Cont1 Pkg Capacity:	4000	***Shipper Postal:***	59101-7356
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	49998
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	BILLINGS
Cont1 Pkg Mnfctr:	FRUEHAUF CORP	***Origin State:***	MONTANA
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	59101
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	MALTA
C1 Pkg Dsign Pres.:	0	***Destination State:***	MONTANA
C1 Dsign Press UOM:		***Destination Postal:***	
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			
RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	

RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	Yes
Fire Result:	No	***Estimated Speed:***	35
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	A.J. DIEDE
Damage > 500:	Yes	***Contact Title:***	BRANCH MANAGER
Material Loss:	85	***Contact Business:***	
Carrier Damage:	25000	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	0	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	25085	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	TANK
Haz Hosp Old Form:	0	***HMIS Container Code:***	MC312
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Cargo tanks
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	Yes
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: TRACTOR AND TRAILER OVERTURNED AT A 90 DEGREE CURVE. AIR LINE WHERE AIR VALVE HAD BEEN BROKEN OFF WAS PLUGGED TO PREVENT LOSS OF PRODUCT. EVEN THOUGH THE AIR VALVE IS PROTECTED BY ROLL BARS, A FOREIGH OBJECT GOT INSIDE THE ROLL BARS WHEN THE TANK TRAILER OVERTURNED. (POSSIBLY A PART OF THE CAT WALK). THE SPILLED PHOSPHORIC ACID WAS AUTOMATICALLY NEUTRALIZED BY THE LIMESTONE GRAVEL IN THE BARROW PIT. THE AREA WAS RINSED DOWN WITH WATER ALSO. THE HIGHWAY PATROL AND DES WERE PRESENT.

Recommend Actions Taken:

Site: ***FERGUS COUNTY HIGHWAY 191 MM 80***
US Hwy 191 MM 80 Fergus County, MT MT

SPILLS

CV ID:	16446
Site Name:	FERGUS COUNTY HIGHWAY 191 MM 80
County:	FERGUS
Location:	US Hwy 191 MM 80 Fergus County, MT

Spill Details

Status Type:	Closed	***Pollutant Type:***	Diesel
Closed Dt:	6/28/2013	***Pollutant Amt:***	100
Impact to:	Soil	***Pollutant Unit:***	GALLONS
Observed Dt:	03/20/2013	***Resp Party:***	LAKESIDE EXCAVATION INC
Received Dt:	3/21/2013 1:13:00 PM	***Assigned to:***	ERNY, TRAVIS
Complaint Type:	Spills Impacting Soils Only	***Anonymous:***	

Latitude: 47.529115 ***Near Water:***
Longitude: -108.75816
Pollutant Comments:
Closure Comments: Cleanup, and Remediation Activities Report comply with DEQ standards.
Description: Delay in report due to uncertainity over quanity spilled. MDT/C. Richman initially reported to MT DES on 3/20 @ 14:29. Semi-truck with oversize conveyor system as cargo crashed on US 191 at MM 80 at approx. 12:30. MDT initially reported 35-50 gallons of diesel spilled, with Hanser's Wrecker on-scene to do clean-up & recovery. MT DES DO contacted MHP Trooper Grover (on-scene) who reported spill was actually 5-10 gallons each of diesel fuel (from semi-tractor fuel tank) and 5-10 gallons of hydraulic fluid (from conveyor system). Spill reported on east edge of roadway. No standing water. MDT called back on 3/21, reporting quantity of possibly 100 gallons. On 3/21 Hanser's confirmed 100 gallons diesel fuel est. spilled.

Spill Details(Jan 2, 2020)

Site ID: ***Violation List:***
Facility: ***Agency Contacted:***
Permit: ***Res Prty Start Dt:*** 3/21/2013 1:13:00 PM
Site Contact: ***Res Prty End Dt:***
Asgn Start Dt: 3/21/2013 3:40:30 PM ***Received Bureau:*** Legal Unit
Asgn End Dt: ***Received by:*** BROOKS, CYNTHIA "CINDY"
Complainant: DES DUTY OFFICER ***Referral Contact:***
Dt Referred: ***Referral Method:*** Mail
File Code: CLOSED COUNTY
Action Taken:
Permitting Program:
Received Agency:
Referral Agency:
Referral Program:
Closure Comments: Cleanup, and Remediation Activities Report comply with DEQ standards.
Description: Delay in report due to uncertainity over quanity spilled. MDT/C. Richman initially reported to MT DES on 3/20 @ 14:29. Semi-truck with oversize conveyor system as cargo crashed on US 191 at MM 80 at approx. 12:30. MDT initially reported 35-50 gallons of diesel spilled, with Hanser's Wrecker on-scene to do clean-up & recovery. MT DES DO contacted MHP Trooper Grover (on-scene) who reported spill was actually 5-10 gallons each of diesel fuel (from semi-tractor fuel tank) and 5-10 gallons of hydraulic fluid (from conveyor system). Spill reported on east edge of roadway. No standing water. MDT called back on 3/21, reporting quantity of possibly 100 gallons. On 3/21 Hanser's confirmed 100 gallons diesel fuel est. spilled.
Cleanup Summary: Cleanup in progress.

Site: ***FERGUS COUNTY DOG CREEK BRIDGE PROJECT***
Winifred Rd (gravel road) goes north approx 2 miles and then bends to the left, go straight through the farm gate. MT

SPILLS

CV ID: 6516
Site Name: FERGUS COUNTY DOG CREEK BRIDGE PROJECT
County: FERGUS
Location: Winifred Rd (gravel road) goes north approx 2 miles and then bends to the left, go straight through the farm gate.

Spill Details

Status Type: Closed ***Pollutant Type:*** Sediment
Closed Dt: 8/20/2002 ***Pollutant Amt:***
Impact to: ***Pollutant Unit:***
Observed Dt: 08/12/2002 ***Resp Party:*** MK WEEDEN CONSTRUCTION INC
Received Dt: 8/12/2002 ***Assigned to:*** COLEMAN, ED
Complaint Type: Water Quality ***Anonymous:*** YES
Latitude: ***Near Water:***
Longitude:
Pollutant Comments: Water Body Impact: Dog Creek
Closure Comments: EC contacted Shonny Nordlund at Fergus CD and she explained that she had not heard from Weeden. I told her that the complainant was unwilling to share his name. She stated that she may contact Weeden.
Description: MK Weeden is hauling gravel for the Knox Ridge Rd. Retrofit Project. They built a haul road which crosses Dog Creek. They installed the culvert and road through Dog Creek without any permits.

Other Agencies Contacted : Jerry Burke

Spill Details(Jan 2, 2020)

Site ID: ***Violation List:*** 75-5-605

Facility:		***Agency Contacted:***	Other
Permit:		***Res Prty Start Dt:***	8/12/2002
Site Contact:	KINDZERSKI, MIKE	***Res Prty End Dt:***	
Asgn Start Dt:	8/12/2002	***Received Bureau:***	Enforcement
Asgn End Dt:		***Received by:***	COLEMAN, ED
Complainant:	Anonymous	***Referral Contact:***	
Dt Referred:		***Referral Method:***	Phone
File Code:	ARCHIVED RIM		
Action Taken:			
Permitting Program:			
Received Agency:			
Referral Agency:			
Referral Program:			

Closure Comments: EC contacted Shonny Nordlund at Fergus CD and she explained that she had not heard from Weeden. I told her that the complainant was unwilling to share his name. She stated that she may contact Weeden.

Description: MK Weeden is hauling gravel for the Knox Ridge Rd. Retrofit Project. They built a haul road which crosses Dog Creek. They installed the culvert and road through Dog Creek without any permits.

Cleanup Summary: Other Agencies Contacted : Jerry Burke
8/15/02: See Actions
E. Coleman checked 318 Authorization List and did not see a 318 Authorization for Dog Creek/Weeden. E. Coleman contacted Fergus County CD and Weeden had not applied for a 310 permit. Contact RP and inquire if they had permits under landowner or subcontractor name. FI to verify complaint.

Site: ***MALMSTROM AFB E 6***
County Road 236 HILGER MT 59451

UST

Sys Facility ID:	1409024	***Indian Lands:***	No
Alt Facility ID:	14-09024	***Tribe ID:***	
Active Tanks:	1	***Tribe Name:***	
Non Active Tanks:	1	***On Reservation:***	No
Site ID:	34870	***Tribe Owned:***	No
Retrieved Date:	12/20/2018 22:21:44	***Op Permit Renew Dt:***	9/15/2020 0:00:00
Facility County:	FERGUS	***Last Permit Issued:***	6/7/2017 0:00:00
Operator 1st Name:	Jim	***Operator Last Name:***	Hodges

Tank Details

Tank ID:	02	***Pipeline Tightness:***	
Tag No:	180	***Pipe Vapor Monitor:***	
Status Desc:	Currently in Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	
Manifold:	No	***Signed:***	8/4/1992 0:00:00
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	7/1/1992 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	4000	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 Sir:***	
Tank Mod Desc:	Double-Walled	***Pipe2 D Other:***	
Pipe Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	Double-Walled	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:		***Sump Tightness Test:***	5/2/2017 0:00:00
Closurer CVD:		***Line CP Test:***	
Closed:		***Line Tightness Test:***	
Clos Status Desc:		***LD Catastrophic:***	Auto Dialer
Clos Site Assess:	No	***Overfill:***	Yes
Clos Leak Detected:	No	***Overfill Type1:***	Flapper Valve (Auto Shutoff)
Tank Manual Gauge:		***Overfill Type2:***	High Level Alarm
Tank Tightness:		***Spill:***	Yes
Tank Inv Control:		***CP:***	Yes
Tank ATG:		***CP Type1:***	Not Applicable
Tank ATG2:		***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	

Tank LD Other:
Tank LD Deferred:
Tank LD not Listed:
Tank Permit Type: 75-11-509 (Full)
COP Expiry Date:
Retrieved: 12/20/2018 22:24:33
Date Capped:
Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled: Continuous Interstitial Monitor
Tank Interstitial Sec Contain:
Tank Other Mat: Sacrificial Anodes on Tank Anchor Straps
Tank Comments:
Pipe Interstitial Dbl Walled: Continuous Interstitial Monitor
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments:

ATG Make: Gilbarco-Veeder Root
ATG Model: TLS-350/Gilbarco EMC
P Install Date:
Partial Pipe: No
P Type Desc: U.S. Suction
Pipe ATG:
Pipe ATG2:

Tank Details

Tank ID: 01
Tag No:
Status Desc: Permanently Out of Use
Emergen: No
Fed Regulated: Yes
State Regulated: Yes
AST: No
Manifold: No
Compartment: No
Installed: 5/2/1960 0:00:00
Capacity: 1500
Tank Mat Desc: Bare Steel
Tank Mod Desc: None
Pipe Mat Desc: Steel
Pipe Mod Desc: None
Substance: 1
Substance Desc: Diesel
Last Used: 7/30/1992 0:00:00
Closurer CVD:
Closed: 7/30/1992 0:00:00
Clos Status Desc: Tank removed from ground
Clos Site Assess: Yes
Clos Leak Detected: No
Tank Manual Gauge:
Tank Tightness:
Tank Inv Control:
Tank ATG:
Tank ATG2:
Tank Vapor Monitor:
Tank GW Monitor:
Tank Sir:
Tank LD Other:
Tank LD Deferred:
Tank LD not Listed: Not Listed
Tank Permit Type:
COP Expiry Date:
Retrieved: 12/20/2018 22:24:33
Date Capped:
Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments:
Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:

Pipeline Tightness:
Pipe Vapor Monitor:
Pipe GW Monitor:
Pipe Sir:
Pipe LD Other:
Pipe LD Deferred:
Pipe LD not Listed: Not Listed
Signed:
Pipe2 Line Tightness:
Pipe2 Vapor Monitor:
Pipe2 GW Monitor:
Pipe2 Sir:
Pipe2 D Other:
Pipe2 LD Deferred:
Pipe2 LD Not Listed:
Pipe2 ATG:
Pipe2 ATG2:
Sump Tightness Test:
Line CP Test:
Line Tightness Test:
LD Catastrophic:
Overfill: No
Overfill Type1:
Overfill Type2:
Spill: No
CP: No
CP Type1:
CP Type2:
Energy Act: No
Pipe ELLD:
Pipe2 ELLD:
ATG Make:
ATG Model:
P Install Date:
Partial Pipe: No
P Type Desc: Not Listed
Pipe ATG:
Pipe ATG2:

Pipe2 Interstitial Sec Contain:
Pipe Mat Other: Painted Steel
Pipe Type Comments:
Piping Comments:

Permit Details

Permit ID: 120205
Issued Org ID: 21033
Licensee Org ID: 18311
Permit Status: Complete
Issued F Name: John
Issued L Name: Brown
Permit Comments: Install ball valve on return line
Date App Received: 2/2/2012 0:00:00
Date Permit Issued: 2/7/2012 0:00:00
Date Project Comp: 2/22/2012 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Rodney
Licensee L Name: Fortier

Permit ID: 921408
Issued Org ID: 17291
Licensee Org ID: 269
Permit Status: Presumed complete
Issued F Name: Susan
Issued L Name: McAnally
Permit Comments:
Date App Received: 9/13/1992 0:00:00
Date Permit Issued: 6/17/1992 0:00:00
Date Project Comp: 7/30/1992 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Gregory
Licensee L Name: Robbins

Permit ID: 150015
Issued Org ID: 24871
Licensee Org ID: 22691
Permit Status: Complete
Issued F Name: Leanne
Issued L Name: Hackney
Permit Comments: UST 2 (tag #180) Install a VR TLS 350 Plus with CSLD, Mag Sump Sensor, tank interstitial sensor and overfill alarm. Install a 8' flex connector on the vent line. Install a new water tight lid on the tank sump.
Date App Received: 7/21/2014 0:00:00
Date Permit Issued: 8/13/2014 0:00:00
Date Project Comp: 10/24/2014 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Kyle
Licensee L Name: Bomar

Compliance

Comp Inspection: 10/21/2008 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 11/20/2003 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 9/2/2010 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 4/6/2001 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Jerry
Licensee L Name: Knutson

Comp Inspection: 5/30/2013 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Keith
Licensee L Name: Broere

Comp Inspection: 3/3/2006 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Keith
Licensee L Name: Broere

Comp Inspection: 11/6/2014 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 5/16/2017 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Keith
Licensee L Name: Broere

NAIC

NAIC:	928	***NAIC Desc:***	National Security and International Affairs
NAIC Name:	928	***Retrieved:***	12/20/2018 22:22:44

Contact(s)

UST Org ID:	24423	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	

UST Org ID:	35301	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	Candace
Site Affil Start:	3/3/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	

UST Org ID:	36441	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	

UST Org ID:	36441	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	

UST Org ID:	24423	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	

UST Org ID:	15589	***Site Affil Type Desc:***	Owner
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	3	***Contact First Name:***	
Site Affil Start:		***Contact Last Name:***	
Site Affil End:		***Busn Name:***	341 CES CEANQ

UST Org ID:	35301	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34870	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Candace
Site Affil Start:	2/21/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	

Site: ***MALMSTROM AFB E 9***
County Road 236 HILGER MT 59451

UST

Sys Facility ID:	1409027	***Indian Lands:***	No
Alt Facility ID:	14-09027	***Tribe ID:***	
Active Tanks:	1	***Tribe Name:***	
Non Active Tanks:	1	***On Reservation:***	No
Site ID:	34873	***Tribe Owned:***	No
Retrieved Date:	12/20/2018 22:21:44	***Op Permit Renew Dt:***	9/15/2020 0:00:00
Facility County:	FERGUS	***Last Permit Issued:***	6/7/2017 0:00:00
Operator 1st Name:	Jim	***Operator Last Name:***	Hodges

Tank Details

Tank ID:	02	***Pipeline Tightness:***	
Tag No:	4270	***Pipe Vapor Monitor:***	
Status Desc:	Currently in Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	

Manifold: No
Compartment: No
Installed: 7/1/1992 0:00:00
Capacity: 4000
Tank Mat Desc: Fiberglass Reinforced Plastic
Tank Mod Desc: Double-Walled
Pipe Mat Desc: Fiberglass Reinforced Plastic
Pipe Mod Desc: Double-Walled
Substance: 1
Substance Desc: Diesel
Last Used:
Closurer CVD:
Closed:
Clos Status Desc:
Clos Site Assess: No
Clos Leak Detected: No
Tank Manual Gauge:
Tank Tightness:
Tank Inv Control:
Tank ATG:
Tank ATG2:
Tank Vapor Monitor:
Tank GW Monitor:
Tank Sir:
Tank LD Other:
Tank LD Deferred:
Tank LD not Listed:
Tank Permit Type: 75-11-509 (Full)
COP Expiry Date:
Retrieved: 12/20/2018 22:24:33
Date Capped:
Date Emptied:
Substance Comments:
Signed: 7/31/1992 0:00:00
Pipe2 Line Tightness:
Pipe2 Vapor Monitor:
Pipe2 GW Monitor:
Pipe2 Sir:
Pipe2 D Other:
Pipe2 LD Deferred:
Pipe2 LD Not Listed:
Pipe2 ATG:
Pipe2 ATG2:
Sump Tightness Test: 5/2/2017 0:00:00
Line CP Test:
Line Tightness Test: 5/1/2013 0:00:00
LD Catastrophic: Auto Dialer
Overfill: Yes
Overfill Type1: Flapper Valve (Auto Shutoff)
Overfill Type2: High Level Alarm
Spill: Yes
CP: Yes
CP Type1: Not Applicable
CP Type2:
Energy Act: No
Pipe ELLD:
Pipe2 ELLD:
ATG Make: Gilbarco-Veeder Root
ATG Model: TLS-350/Gilbarco EMC
P Install Date:
Partial Pipe: No
P Type Desc: U.S. Suction
Pipe ATG:
Pipe ATG2:
Tank Interstitial Dbl Walled: Continuous Interstitial Monitor
Tank Interstitial Sec Contain:
Tank Other Mat: Sacrificial Anodes on Tank Anchor Straps
Tank Comments: Tag #183 issues 12/1/98 was lost or accidently destroyed
Pipe Interstitial Dbl Walled: Continuous Interstitial Monitor
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments:

Tank Details

Tank ID: 01
Tag No:
Status Desc: Permanently Out of Use
Emergen: No
Fed Regulated: Yes
State Regulated: Yes
AST: No
Manifold: No
Compartment: No
Installed: 5/2/1960 0:00:00
Capacity: 1500
Tank Mat Desc: Bare Steel
Tank Mod Desc: None
Pipe Mat Desc: Steel
Pipe Mod Desc: None
Substance: 1
Substance Desc: Diesel
Last Used: 7/28/1992 0:00:00
Closurer CVD:
Closed: 7/28/1992 0:00:00
Clos Status Desc: Tank removed from ground
Clos Site Assess: Yes
Clos Leak Detected: No
Pipeline Tightness:
Pipe Vapor Monitor:
Pipe GW Monitor:
Pipe Sir:
Pipe LD Other:
Pipe LD Deferred:
Pipe LD not Listed: Not Listed
Signed:
Pipe2 Line Tightness:
Pipe2 Vapor Monitor:
Pipe2 GW Monitor:
Pipe2 Sir:
Pipe2 D Other:
Pipe2 LD Deferred:
Pipe2 LD Not Listed:
Pipe2 ATG:
Pipe2 ATG2:
Sump Tightness Test:
Line CP Test:
Line Tightness Test:
LD Catastrophic:
Overfill: No
Overfill Type1:

Tank Manual Gauge:
Tank Tightness:
Tank Inv Control:
Tank ATG:
Tank ATG2:
Tank Vapor Monitor:
Tank GW Monitor:
Tank Sir:
Tank LD Other:
Tank LD Deferred:
Tank LD not Listed: Not Listed
Tank Permit Type:
COP Expiry Date:
Retrieved: 12/20/2018 22:24:33
Date Capped:
Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments:
Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other: Painted Steel
Pipe Type Comments:
Piping Comments:

Overfill Type2:
Spill: No
CP: No
CP Type1:
CP Type2:
Energy Act: No
Pipe ELLD:
Pipe2 ELLD:
ATG Make:
ATG Model:
P Install Date:
Partial Pipe: No
P Type Desc: Not Listed
Pipe ATG:
Pipe ATG2:

Permit Details

Permit ID: 120208
Issued Org ID: 21033
Licensee Org ID: 18311
Permit Status: Complete
Issued F Name: John
Issued L Name: Brown
Permit Comments: Install ball valve on return line

Date App Received: 2/2/2012 0:00:00
Date Permit Issued: 2/6/2012 0:00:00
Date Project Comp: 2/22/2012 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Rodney
Licensee L Name: Fortier

Permit ID: 150017
Issued Org ID: 24871
Licensee Org ID: 22691
Permit Status: Complete
Issued F Name: Leanne
Issued L Name: Hackney
Permit Comments: UST 2(Tag #4270) Install a VR TLS 350 Plus with CSLD, Mag Sump Sensor, tank interstitial sensor and overfill alarm. Install an 8' flex connector on the vent line. Install a new water tight lid on the tank sump.

Date App Received: 7/21/2014 0:00:00
Date Permit Issued: 8/13/2014 0:00:00
Date Project Comp: 1/9/2015 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Kyle
Licensee L Name: Bomar

Permit ID: 921051
Issued Org ID: 18995
Licensee Org ID: 269
Permit Status: Presumed complete
Issued F Name: Vicki
Issued L Name: Lynne
Permit Comments:

Date App Received: 9/13/1992 0:00:00
Date Permit Issued: 4/21/1992 0:00:00
Date Project Comp: 8/31/1992 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Gregory
Licensee L Name: Robbins

Compliance

Comp Inspection: 5/28/2013 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 5/16/2017 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Keith
Licensee L Name: Broere

Comp Inspection: 4/5/2001 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Jerry
Licensee L Name: Knutson

Comp Inspection: 3/7/2006 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Keith
Licensee L Name: Broere

Comp Inspection: 11/4/2014 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 10/21/2008 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 9/1/2010 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 11/20/2003 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

NAIC

NAIC: 928
NAIC Name: 928
NAIC Desc: National Security and International Affairs
Retrieved: 12/20/2018 22:22:44

Contact(s)

UST Org ID: 24423
Site ID: 34873
Site Affil Type ID: 38
Site Affil Start: 3/21/2017 0:00:00
Site Affil End:
Site Affil Type Desc: UST Class A Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Curtis
Contact Last Name: Hester
Busn Name:

UST Org ID: 36441
Site ID: 34873
Site Affil Type ID: 38
Site Affil Start: 4/25/2017 0:00:00
Site Affil End:
Site Affil Type Desc: UST Class A Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: William
Contact Last Name: Smith
Busn Name:

UST Org ID: 35301
Site ID: 34873
Site Affil Type ID: 38
Site Affil Start: 2/21/2017 0:00:00
Site Affil End:
Site Affil Type Desc: UST Class A Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Candace
Contact Last Name: Ellsworth
Busn Name:

UST Org ID: 15589
Site ID: 34873
Site Affil Type ID: 3
Site Affil Start:
Site Affil End:
Site Affil Type Desc: Owner
Retrieved: 12/20/2018 22:19:50
Contact First Name:
Contact Last Name:
Busn Name: 341 CES CEANQ

UST Org ID: 36441
Site ID: 34873
Site Affil Type ID: 40
Site Affil Start: 4/25/2017 0:00:00
Site Affil End:
Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: William
Contact Last Name: Smith
Busn Name:

UST Org ID: 24423
Site ID: 34873
Site Affil Type ID: 40
Site Affil Start: 3/21/2017 0:00:00
Site Affil End:
Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Curtis
Contact Last Name: Hester
Busn Name:

UST Org ID: 35301
Site ID: 34873
Site Affil Type ID: 40
Site Affil Start: 3/3/2017 0:00:00
Site Affil End:
Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Candace
Contact Last Name: Ellsworth
Busn Name:

Site: ***MALMSTROM AFB M 3***
US Hwy 191 HILGER MT 59451

UST

Sys Facility ID:	1409109	***Indian Lands:***	No
Alt Facility ID:	14-09109	***Tribe ID:***	
Active Tanks:	1	***Tribe Name:***	
Non Active Tanks:	1	***On Reservation:***	No
Site ID:	34882	***Tribe Owned:***	No
Retrieved Date:	12/20/2018 22:21:44	***Op Permit Renew Dt:***	7/24/2019 0:00:00
Facility County:	FERGUS	***Last Permit Issued:***	5/9/2016 0:00:00
Operator 1st Name:	Jim	***Operator Last Name:***	Hodges

Tank Details

Tank ID:	01	***Pipeline Tightness:***	
Tag No:		***Pipe Vapor Monitor:***	
Status Desc:	Permanently Out of Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	Not Listed
Manifold:	No	***Signed:***	
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	5/2/1962 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	1500	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Bare Steel	***Pipe2 Sir:***	
Tank Mod Desc:	None	***Pipe2 D Other:***	
Pipe Mat Desc:	Steel	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	None	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:	8/6/1993 0:00:00	***Sump Tightness Test:***	
Closurer CVD:	9/13/1993 0:00:00	***Line CP Test:***	
Closed:	8/6/1993 0:00:00	***Line Tightness Test:***	
Clos Status Desc:	Tank removed from ground	***LD Catastrophic:***	
Clos Site Assess:	Yes	***Overfill:***	No
Clos Leak Detected:	No	***Overfill Type1:***	
Tank Manual Gauge:		***Overfill Type2:***	
Tank Tightness:		***Spill:***	No
Tank Inv Control:		***CP:***	No
Tank ATG:		***CP Type1:***	
Tank ATG2:		***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	
Tank LD Deferred:		***ATG Model:***	
Tank LD not Listed:	Not Listed	***P Install Date:***	
Tank Permit Type:		***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	Not Listed
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	
Date Emptied:			
Substance Comments:			
Tank Interstitial Dbl Walled:			
Tank Interstitial Sec Contain:			
Tank Other Mat:			
Tank Comments:	Disposal of Tank: PACIFIC HIDE & FUR		
Pipe Interstitial Dbl Walled:			
Pipe Interstitial Sec Contain:			
Pipe2 Interstitial Dbl Walled:			
Pipe2 Interstitial Sec Contain:			
Pipe Mat Other:	Painted Steel		
Pipe Type Comments:			
Piping Comments:			

Tank Details

Tank ID:	02	***Pipeline Tightness:***	
Tag No:	192	***Pipe Vapor Monitor:***	
Status Desc:	Currently in Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	
Manifold:	No	***Signed:***	8/6/1993 0:00:00
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	8/1/1993 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	4000	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 Sir:***	
Tank Mod Desc:	Double-Walled	***Pipe2 D Other:***	
Pipe Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	Double-Walled	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:		***Sump Tightness Test:***	4/4/2016 0:00:00
Closurer CVD:		***Line CP Test:***	
Closed:		***Line Tightness Test:***	
Clos Status Desc:		***LD Catastrophic:***	Auto Dialer
Clos Site Assess:	No	***Overfill:***	Yes
Clos Leak Detected:	No	***Overfill Type1:***	Flapper Valve (Auto Shutoff)
Tank Manual Gauge:		***Overfill Type2:***	High Level Alarm
Tank Tightness:		***Spill:***	Yes
Tank Inv Control:		***CP:***	Yes
Tank ATG:		***CP Type1:***	Not Applicable
Tank ATG2:	Automatic Tank Gauging 0.2	***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	Gilbarco-Veeder Root
Tank LD Deferred:		***ATG Model:***	TLS-350/Gilbarco EMC
Tank LD not Listed:		***P Install Date:***	
Tank Permit Type:	75-11-509 (Full)	***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	U.S. Suction
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	
Date Emptied:			

Substance Comments:
Tank Interstitial Dbl Walled: Continuous Interstitial Monitor
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments:
Pipe Interstitial Dbl Walled: Continuous Interstitial Monitor
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments:

Permit Details

Permit ID:	120141	***Date App Received:***	1/26/2012 0:00:00
Issued Org ID:	21033	***Date Permit Issued:***	1/27/2012 0:00:00
Licensee Org ID:	18311	***Date Project Comp:***	1/30/2012 0:00:00
Permit Status:	Complete	***Retrieved:***	12/20/2018 22:23:30
Issued F Name:	John	***Licensee F Name:***	Rodney
Issued L Name:	Brown	***Licensee L Name:***	Fortier

Permit Comments: Install Ball Valve on return line

Permit ID:	000111	***Date App Received:***	9/27/1999 0:00:00
Issued Org ID:	17291	***Date Permit Issued:***	9/29/1999 0:00:00
Licensee Org ID:	254	***Date Project Comp:***	10/1/1999 0:00:00
Permit Status:	Complete	***Retrieved:***	12/20/2018 22:23:30
Issued F Name:	Susan	***Licensee F Name:***	Wayne
Issued L Name:	McAnally	***Licensee L Name:***	Salsbury

Permit Comments: Certificate of compliance waived per JT 2-29-00

Permit ID: 930686
Issued Org ID: 17291
Licensee Org ID: 420
Permit Status: Complete
Issued F Name: Susan
Issued L Name: McAnally
Permit Comments:

Date App Received: 10/21/1992 0:00:00
Date Permit Issued: 4/5/1993 0:00:00
Date Project Comp: 8/6/1993 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Lawrence
Licensee L Name: Vogl

Permit ID: 140039
Issued Org ID: 22565
Licensee Org ID: 22691
Permit Status: Complete
Issued F Name: Seth
Issued L Name: Hendrix
Permit Comments: Install VR TLS 350 Plus ATG, probes, sensors, and autodialer to UST 2.

Date App Received: 8/20/2013 0:00:00
Date Permit Issued: 8/23/2013 0:00:00
Date Project Comp: 1/14/2014 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Kyle
Licensee L Name: Bomar

Compliance

Comp Inspection: 11/1/2004 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Jerry
Licensee L Name: Knutson

Comp Inspection: 8/22/2007 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Jerry
Licensee L Name: Knutson

Comp Inspection: 3/25/2002 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 9/27/2010 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 7/10/2013 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Keith
Licensee L Name: Broere

Comp Inspection: 4/18/2016 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Keith
Licensee L Name: Broere

Comp Inspection: 4/9/2001 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Kelly
Licensee L Name: Shutes

NAIC

NAIC: 928
NAIC Name: 928

NAIC Desc: National Security and International Affairs
Retrieved: 12/20/2018 22:22:44

Contact(s)

UST Org ID: 36441
Site ID: 34882
Site Affil Type ID: 40
Site Affil Start: 4/25/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: William
Contact Last Name: Smith
Busn Name:

UST Org ID: 35301
Site ID: 34882
Site Affil Type ID: 40
Site Affil Start: 3/3/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Candace
Contact Last Name: Ellsworth
Busn Name:

UST Org ID: 24423
Site ID: 34882

Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50

Site Affil Type ID:	40	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	
UST Org ID:	24423	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34882	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	
UST Org ID:	15589	***Site Affil Type Desc:***	Owner
Site ID:	34882	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	3	***Contact First Name:***	
Site Affil Start:		***Contact Last Name:***	
Site Affil End:		***Busn Name:***	341 CES CEANQ
UST Org ID:	35301	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34882	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Candace
Site Affil Start:	2/21/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	
UST Org ID:	36441	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34882	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	

Site: ***MALMSTROM AFB O 9***
US Hwy 191 HILGER MT 59451

UST

Sys Facility ID:	1409137	***Indian Lands:***	No
Alt Facility ID:	14-09137	***Tribe ID:***	
Active Tanks:	1	***Tribe Name:***	
Non Active Tanks:	1	***On Reservation:***	No
Site ID:	34907	***Tribe Owned:***	No
Retrieved Date:	12/20/2018 22:21:44	***Op Permit Renew Dt:***	7/31/2019 0:00:00
Facility County:	FERGUS	***Last Permit Issued:***	6/29/2016 0:00:00
Operator 1st Name:	Jim	***Operator Last Name:***	Hodges

Tank Details

Tank ID:	02	***Pipeline Tightness:***	
Tag No:	217	***Pipe Vapor Monitor:***	
Status Desc:	Currently in Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	
Manifold:	No	***Signed:***	8/4/1993 0:00:00
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	8/1/1993 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	4000	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 Sir:***	
Tank Mod Desc:	Double-Walled	***Pipe2 D Other:***	
Pipe Mat Desc:	Flexible Plastic	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	Double-Walled	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:		***Sump Tightness Test:***	6/6/2016 0:00:00
Closurer CVD:		***Line CP Test:***	
Closed:		***Line Tightness Test:***	
Clos Status Desc:		***LD Catastrophic:***	Auto Dialer
Clos Site Assess:	No	***Overfill:***	Yes
Clos Leak Detected:	No	***Overfill Type1:***	Flapper Valve (Auto Shutoff)
Tank Manual Gauge:		***Overfill Type2:***	High Level Alarm
Tank Tightness:		***Spill:***	Yes
Tank Inv Control:		***CP:***	Yes
Tank ATG:		***CP Type1:***	Not Applicable

Tank ATG2: Automatic Tank Gauging 0.2
Tank Vapor Monitor:
Tank GW Monitor:
Tank Sir:
Tank LD Other:
Tank LD Deferred:
Tank LD not Listed:
Tank Permit Type: 75-11-509 (Full)
COP Expiry Date:
Retrieved: 12/20/2018 22:24:33
Date Capped:
Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled: Continuous Interstitial Monitor
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments:
Pipe Interstitial Dbl Walled: Continuous Interstitial Monitor
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other: Permit #16-0210: Install 1.5-inch APT XP double-walled flexible plastic piping on the both the Supply and Return.
Pipe Type Comments:
Piping Comments:

CP Type2:
Energy Act: No
Pipe ELLD:
Pipe2 ELLD:
ATG Make: Gilbarco-Veeder Root
ATG Model: TLS-350/Gilbarco EMC
P Install Date: 6/6/2016 0:00:00
Partial Pipe: No
P Type Desc: U.S. Suction
Pipe ATG:
Pipe ATG2:

Tank Details

Tank ID: 01
Tag No:
Status Desc: Permanently Out of Use
Emergen: No
Fed Regulated: Yes
State Regulated: Yes
AST: No
Manifold: No
Compartment: No
Installed: 5/2/1960 0:00:00
Capacity: 1500
Tank Mat Desc: Bare Steel
Tank Mod Desc: None
Pipe Mat Desc: Steel
Pipe Mod Desc: None
Substance: 1
Substance Desc: Diesel
Last Used: 8/4/1993 0:00:00
Closurer CVD: 8/26/1993 0:00:00
Closed: 8/4/1993 0:00:00
Clos Status Desc: Tank removed from ground
Clos Site Assess: Yes
Clos Leak Detected: Yes
Tank Manual Gauge:
Tank Tightness:
Tank Inv Control:
Tank ATG:
Tank ATG2:
Tank Vapor Monitor:
Tank GW Monitor:
Tank Sir:
Tank LD Other:
Tank LD Deferred:
Tank LD not Listed: Not Listed
Tank Permit Type:
COP Expiry Date:
Retrieved: 12/20/2018 22:24:33
Date Capped:
Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat:

Pipeline Tightness:
Pipe Vapor Monitor:
Pipe GW Monitor:
Pipe Sir:
Pipe LD Other:
Pipe LD Deferred:
Pipe LD not Listed: Not Listed
Signed:
Pipe2 Line Tightness:
Pipe2 Vapor Monitor:
Pipe2 GW Monitor:
Pipe2 Sir:
Pipe2 D Other:
Pipe2 LD Deferred:
Pipe2 LD Not Listed:
Pipe2 ATG:
Pipe2 ATG2:
Sump Tightness Test:
Line CP Test:
Line Tightness Test:
LD Catastrophic:
Overfill: No
Overfill Type1:
Overfill Type2:
Spill: No
CP: No
CP Type1:
CP Type2:
Energy Act: No
Pipe ELLD:
Pipe2 ELLD:
ATG Make:
ATG Model:
P Install Date:
Partial Pipe: No
P Type Desc: Not Listed
Pipe ATG:
Pipe ATG2:

Tank Comments: Disposal of Tank: PACIFIC HIDE & FUR
Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other: Painted Steel
Pipe Type Comments:
Piping Comments:

Permit Details

Permit ID: 930712 ***Date App Received:*** 10/21/1992 0:00:00
Issued Org ID: 17291 ***Date Permit Issued:*** 4/5/1993 0:00:00
Licensee Org ID: 420 ***Date Project Comp:*** 8/4/1993 0:00:00
Permit Status: Complete ***Retrieved:*** 12/20/2018 22:23:30
Issued F Name: Susan ***Licensee F Name:*** Lawrence
Issued L Name: McAnally ***Licensee L Name:*** Vogl
Permit Comments: SS REPORTED TO LEAK 8-27-93

Permit ID: 120087 ***Date App Received:*** 11/2/2011 0:00:00
Issued Org ID: 21033 ***Date Permit Issued:*** 11/4/2011 0:00:00
Licensee Org ID: 18311 ***Date Project Comp:*** 1/24/2012 0:00:00
Permit Status: Complete ***Retrieved:*** 12/20/2018 22:23:30
Issued F Name: John ***Licensee F Name:*** Rodney
Issued L Name: Brown ***Licensee L Name:*** Fortier
Permit Comments: Install ball valve on return line

Permit ID: 160210 ***Date App Received:*** 5/13/2016 0:00:00
Issued Org ID: 25115 ***Date Permit Issued:*** 5/13/2016 0:00:00
Licensee Org ID: 30202 ***Date Project Comp:*** 6/6/2016 0:00:00
Permit Status: Complete ***Retrieved:*** 12/20/2018 22:23:30
Issued F Name: Wally ***Licensee F Name:*** Chad
Issued L Name: Jemmings ***Licensee L Name:*** Saunders
Permit Comments: UST 2 (tag #217): Re-Pipe

Permit ID: 000122 ***Date App Received:*** 9/27/1999 0:00:00
Issued Org ID: 17291 ***Date Permit Issued:*** 9/29/1999 0:00:00
Licensee Org ID: 254 ***Date Project Comp:*** 10/12/1999 0:00:00
Permit Status: Complete ***Retrieved:*** 12/20/2018 22:23:30
Issued F Name: Susan ***Licensee F Name:*** Wayne
Issued L Name: McAnally ***Licensee L Name:*** Salsbury
Permit Comments: Certificate of compliance waived per JT 2-29-00

Permit ID: 130242 ***Date App Received:*** 3/5/2013 0:00:00
Issued Org ID: 22565 ***Date Permit Issued:*** 3/14/2013 0:00:00
Licensee Org ID: 22691 ***Date Project Comp:*** 4/12/2013 0:00:00
Permit Status: Complete ***Retrieved:*** 12/20/2018 22:23:30
Issued F Name: Seth ***Licensee F Name:*** Kyle
Issued L Name: Hendrix ***Licensee L Name:*** Bomar
Permit Comments: Install VR TLS 350, probe, sump sensor, tank interstitial sensor, overfill alarm, 8' flex connector, water tight lid on sump.

Compliance

Comp Inspection: 4/8/2002 0:00:00 ***Licensee F Name:*** Kelly
Comp NCI Type: ***Licensee L Name:*** Shutes
Retrieved: 12/20/2018 22:17:45

Comp Inspection: 7/25/2013 0:00:00 ***Licensee F Name:*** Craig
Comp NCI Type: ***Licensee L Name:*** Knutson
Retrieved: 12/20/2018 22:17:45

Comp Inspection: 8/20/2007 0:00:00 ***Licensee F Name:*** Jerry
Comp NCI Type: ***Licensee L Name:*** Knutson
Retrieved: 12/20/2018 22:17:45

Comp Inspection: 8/31/2010 0:00:00 ***Licensee F Name:*** Craig
Comp NCI Type: ***Licensee L Name:*** Knutson
Retrieved: 12/20/2018 22:17:45

Comp Inspection: 4/9/2001 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Kelly
Licensee L Name: Shutes

Comp Inspection: 4/14/2016 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 11/3/2004 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45

Licensee F Name: Jerry
Licensee L Name: Knutson

NAIC

NAIC: 928
NAIC Name: 928

NAIC Desc: National Security and International Affairs
Retrieved: 12/20/2018 22:22:44

Contact(s)

UST Org ID: 15589
Site ID: 34907
Site Affil Type ID: 3
Site Affil Start:
Site Affil End:

Site Affil Type Desc: Owner
Retrieved: 12/20/2018 22:19:50
Contact First Name:
Contact Last Name:
Busn Name: 341 CES CEANQ

UST Org ID: 35301
Site ID: 34907
Site Affil Type ID: 40
Site Affil Start: 3/3/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Candace
Contact Last Name: Ellsworth
Busn Name:

UST Org ID: 24423
Site ID: 34907
Site Affil Type ID: 40
Site Affil Start: 3/21/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Curtis
Contact Last Name: Hester
Busn Name:

UST Org ID: 36441
Site ID: 34907
Site Affil Type ID: 38
Site Affil Start: 4/25/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class A Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: William
Contact Last Name: Smith
Busn Name:

UST Org ID: 36441
Site ID: 34907
Site Affil Type ID: 40
Site Affil Start: 4/25/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class B Global Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: William
Contact Last Name: Smith
Busn Name:

UST Org ID: 24423
Site ID: 34907
Site Affil Type ID: 38
Site Affil Start: 3/21/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class A Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Curtis
Contact Last Name: Hester
Busn Name:

UST Org ID: 35301
Site ID: 34907
Site Affil Type ID: 38
Site Affil Start: 2/21/2017 0:00:00
Site Affil End:

Site Affil Type Desc: UST Class A Operator
Retrieved: 12/20/2018 22:19:50
Contact First Name: Candace
Contact Last Name: Ellsworth
Busn Name:

Site: ***MALMSTROM AFB E 7***
County Road 236 HILGER MT 59451

UST

Sys Facility ID: 1409025
Alt Facility ID: 14-09025
Active Tanks: 1

Indian Lands: No
Tribe ID:
Tribe Name:

Non Active Tanks:	1	***On Reservation:***	No
Site ID:	34871	***Tribe Owned:***	No
Retrieved Date:	12/20/2018 22:21:44	***Op Permit Renew Dt:***	9/15/2020 0:00:00
Facility County:	FERGUS	***Last Permit Issued:***	6/7/2017 0:00:00
Operator 1st Name:	Jim	***Operator Last Name:***	Hodges

Tank Details

Tank ID:	01	***Pipeline Tightness:***	
Tag No:		***Pipe Vapor Monitor:***	
Status Desc:	Permanently Out of Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	Not Listed
Manifold:	No	***Signed:***	
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	3/26/1964 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	1500	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Bare Steel	***Pipe2 Sir:***	
Tank Mod Desc:	None	***Pipe2 D Other:***	
Pipe Mat Desc:	Steel	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	None	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:	8/30/1989 0:00:00	***Sump Tightness Test:***	
Closurer CVD:	4/2/1990 0:00:00	***Line CP Test:***	
Closed:	8/30/1989 0:00:00	***Line Tightness Test:***	
Clos Status Desc:	Tank removed from ground	***LD Catastrophic:***	
Clos Site Assess:	No	***Overfill:***	No
Clos Leak Detected:	No	***Overfill Type1:***	
Tank Manual Gauge:		***Overfill Type2:***	
Tank Tightness:		***Spill:***	No
Tank Inv Control:		***CP:***	No
Tank ATG:		***CP Type1:***	
Tank ATG2:		***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	
Tank LD Deferred:		***ATG Model:***	
Tank LD not Listed:	Not Listed	***P Install Date:***	
Tank Permit Type:		***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	Not Listed
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	
Date Emptied:			
Substance Comments:			
Tank Interstitial Dbl Walled:			
Tank Interstitial Sec Contain:			
Tank Other Mat:			
Tank Comments:	Tank Removed before Regulations so No Closure Form or Site Assessment		
Pipe Interstitial Dbl Walled:			
Pipe Interstitial Sec Contain:			
Pipe2 Interstitial Dbl Walled:			
Pipe2 Interstitial Sec Contain:			
Pipe Mat Other:			
Pipe Type Comments:			
Piping Comments:			

Tank Details

Tank ID:	02	***Pipeline Tightness:***	
Tag No:	181	***Pipe Vapor Monitor:***	
Status Desc:	Currently in Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	

Manifold:	No	***Signed:***	5/19/1995 0:00:00
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	8/1/1989 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	4000	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 Sir:***	
Tank Mod Desc:	Double-Walled	***Pipe2 D Other:***	
Pipe Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	Double-Walled	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:		***Sump Tightness Test:***	5/2/2017 0:00:00
Closurer CVD:		***Line CP Test:***	
Closed:		***Line Tightness Test:***	
Clos Status Desc:		***LD Catastrophic:***	Auto Dialer
Clos Site Assess:	No	***Overfill:***	Yes
Clos Leak Detected:	No	***Overfill Type1:***	Flapper Valve (Auto Shutoff)
Tank Manual Gauge:		***Overfill Type2:***	High Level Alarm
Tank Tightness:		***Spill:***	Yes
Tank Inv Control:		***CP:***	Yes
Tank ATG:		***CP Type1:***	Not Applicable
Tank ATG2:		***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	Gilbarco-Veeder Root
Tank LD Deferred:		***ATG Model:***	TLS-350/Gilbarco EMC
Tank LD not Listed:		***P Install Date:***	
Tank Permit Type:	75-11-509 (Full)	***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	U.S. Suction
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	
Date Emptied:			
Substance Comments:			
Tank Interstitial Dbl Walled:	Continuous Interstitial Monitor		
Tank Interstitial Sec Contain:			
Tank Other Mat:			
Tank Comments:			
Pipe Interstitial Dbl Walled:	Continuous Interstitial Monitor		
Pipe Interstitial Sec Contain:			
Pipe2 Interstitial Dbl Walled:			
Pipe2 Interstitial Sec Contain:			
Pipe Mat Other:	Replaced Piping 5/19/95		
Pipe Type Comments:			
Piping Comments:			

Permit Details

Permit ID:	950296	***Date App Received:***	8/1/1994 0:00:00
Issued Org ID:	213	***Date Permit Issued:***	9/12/1994 0:00:00
Licensee Org ID:	437	***Date Project Comp:***	11/2/1995 0:00:00
Permit Status:	Complete	***Retrieved:***	12/20/2018 22:23:30
Issued F Name:	Jeff	***Licensee F Name:***	
Issued L Name:	Tobin	***Licensee L Name:***	Unknown
Permit Comments:			

Permit ID:	120206	***Date App Received:***	2/2/2012 0:00:00
Issued Org ID:	21033	***Date Permit Issued:***	2/6/2012 0:00:00
Licensee Org ID:	18311	***Date Project Comp:***	2/22/2012 0:00:00
Permit Status:	Complete	***Retrieved:***	12/20/2018 22:23:30
Issued F Name:	John	***Licensee F Name:***	Rodney
Issued L Name:	Brown	***Licensee L Name:***	Fortier
Permit Comments:	Install ball valve on return line		

Permit ID:	150016	***Date App Received:***	7/21/2014 0:00:00
Issued Org ID:	24871	***Date Permit Issued:***	8/13/2014 0:00:00
Licensee Org ID:	22691	***Date Project Comp:***	1/9/2015 0:00:00
Permit Status:	Complete	***Retrieved:***	12/20/2018 22:23:30
Issued F Name:	Leanne	***Licensee F Name:***	Kyle
Issued L Name:	Hackney	***Licensee L Name:***	Bomar
Permit Comments:	UST 2 (Tag #181) Install a VR TLS 350 Plus with CSLD, Mag Sump Sensor, tank interstitial sensor and overfill		

alarm. Install a 8' flex connector on the vent line. Install a new water tight lid on the tank sump

Compliance

Comp Inspection:	9/1/2010 0:00:00	***Licensee F Name:***	Craig
Comp NCI Type:		***Licensee L Name:***	Knutson
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	5/30/2013 0:00:00	***Licensee F Name:***	Keith
Comp NCI Type:		***Licensee L Name:***	Broere
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	3/7/2006 0:00:00	***Licensee F Name:***	Keith
Comp NCI Type:		***Licensee L Name:***	Broere
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	11/20/2003 0:00:00	***Licensee F Name:***	Craig
Comp NCI Type:		***Licensee L Name:***	Knutson
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	10/21/2008 0:00:00	***Licensee F Name:***	Craig
Comp NCI Type:		***Licensee L Name:***	Knutson
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	5/16/2017 0:00:00	***Licensee F Name:***	Keith
Comp NCI Type:		***Licensee L Name:***	Broere
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	11/4/2014 0:00:00	***Licensee F Name:***	Craig
Comp NCI Type:		***Licensee L Name:***	Knutson
Retrieved:	12/20/2018 22:17:45		
Comp Inspection:	4/6/2001 0:00:00	***Licensee F Name:***	Jerry
Comp NCI Type:		***Licensee L Name:***	Knutson
Retrieved:	12/20/2018 22:17:45		

NAIC

NAIC:	928	***NAIC Desc:***	National Security and International Affairs
NAIC Name:	928	***Retrieved:***	12/20/2018 22:22:44

Contact(s)

UST Org ID:	36441	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	
UST Org ID:	35301	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	Candace
Site Affil Start:	3/3/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	
UST Org ID:	35301	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Candace
Site Affil Start:	2/21/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	
UST Org ID:	36441	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	
UST Org ID:	24423	***Site Affil Type Desc:***	UST Class B Global Operator

Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	
UST Org ID:	15589	***Site Affil Type Desc:***	Owner
Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	3	***Contact First Name:***	
Site Affil Start:		***Contact Last Name:***	
Site Affil End:		***Busn Name:***	341 CES CEANQ
UST Org ID:	24423	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34871	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	

Site: ***MALMSTROM AFB O 8***
US Hwy 191 HILGER MT 59451

UST

Sys Facility ID:	1409136	***Indian Lands:***	No
Alt Facility ID:	14-09136	***Tribe ID:***	
Active Tanks:	1	***Tribe Name:***	
Non Active Tanks:	1	***On Reservation:***	No
Site ID:	34906	***Tribe Owned:***	No
Retrieved Date:	12/20/2018 22:21:44	***Op Permit Renew Dt:***	7/31/2019 0:00:00
Facility County:	FERGUS	***Last Permit Issued:***	5/17/2016 0:00:00
Operator 1st Name:	Jim	***Operator Last Name:***	Hodges

Tank Details

Tank ID:	02	***Pipeline Tightness:***	
Tag No:	216	***Pipe Vapor Monitor:***	
Status Desc:	Currently in Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	
Manifold:	No	***Signed:***	8/6/1993 0:00:00
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	8/1/1993 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	4000	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 Sir:***	
Tank Mod Desc:	Double-Walled	***Pipe2 D Other:***	
Pipe Mat Desc:	Fiberglass Reinforced Plastic	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	Double-Walled	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:		***Sump Tightness Test:***	4/15/2016 0:00:00
Closurer CVD:		***Line CP Test:***	
Closed:		***Line Tightness Test:***	
Clos Status Desc:		***LD Catastrophic:***	Auto Dialer
Clos Site Assess:	No	***Overfill:***	Yes
Clos Leak Detected:	No	***Overfill Type1:***	Flapper Valve (Auto Shutoff)
Tank Manual Gauge:		***Overfill Type2:***	High Level Alarm
Tank Tightness:		***Spill:***	Yes
Tank Inv Control:		***CP:***	Yes
Tank ATG:		***CP Type1:***	Not Applicable
Tank ATG2:	Automatic Tank Gauging 0.2	***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	Gilbarco-Veeder Root
Tank LD Deferred:		***ATG Model:***	TLS-350/Gilbarco EMC
Tank LD not Listed:		***P Install Date:***	
Tank Permit Type:	75-11-509 (Full)	***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	U.S. Suction
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	

Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled: Continuous Interstitial Monitor
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments:
Pipe Interstitial Dbl Walled: Continuous Interstitial Monitor
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other:
Pipe Type Comments:
Piping Comments:

Tank Details

Tank ID:	01	***Pipeline Tightness:***	
Tag No:		***Pipe Vapor Monitor:***	
Status Desc:	Permanently Out of Use	***Pipe GW Monitor:***	
Emergen:	No	***Pipe Sir:***	
Fed Regulated:	Yes	***Pipe LD Other:***	
State Regulated:	Yes	***Pipe LD Deferred:***	
AST:	No	***Pipe LD not Listed:***	Not Listed
Manifold:	No	***Signed:***	
Compartment:	No	***Pipe2 Line Tightness:***	
Installed:	5/2/1960 0:00:00	***Pipe2 Vapor Monitor:***	
Capacity:	1500	***Pipe2 GW Monitor:***	
Tank Mat Desc:	Bare Steel	***Pipe2 Sir:***	
Tank Mod Desc:	None	***Pipe2 D Other:***	
Pipe Mat Desc:	Steel	***Pipe2 LD Deferred:***	
Pipe Mod Desc:	None	***Pipe2 LD Not Listed:***	
Substance:	1	***Pipe2 ATG:***	
Substance Desc:	Diesel	***Pipe2 ATG2:***	
Last Used:	8/6/1993 0:00:00	***Sump Tightness Test:***	
Closurer CVD:	8/26/1993 0:00:00	***Line CP Test:***	
Closed:	8/6/1993 0:00:00	***Line Tightness Test:***	
Clos Status Desc:	Tank removed from ground	***LD Catastrophic:***	
Clos Site Assess:	Yes	***Overfill:***	No
Clos Leak Detected:	No	***Overfill Type1:***	
Tank Manual Gauge:		***Overfill Type2:***	
Tank Tightness:		***Spill:***	No
Tank Inv Control:		***CP:***	No
Tank ATG:		***CP Type1:***	
Tank ATG2:		***CP Type2:***	
Tank Vapor Monitor:		***Energy Act:***	No
Tank GW Monitor:		***Pipe ELLD:***	
Tank Sir:		***Pipe2 ELLD:***	
Tank LD Other:		***ATG Make:***	
Tank LD Deferred:		***ATG Model:***	
Tank LD not Listed:	Not Listed	***P Install Date:***	
Tank Permit Type:		***Partial Pipe:***	No
COP Expiry Date:		***P Type Desc:***	Not Listed
Retrieved:	12/20/2018 22:24:33	***Pipe ATG:***	
Date Capped:		***Pipe ATG2:***	

Date Emptied:
Substance Comments:
Tank Interstitial Dbl Walled:
Tank Interstitial Sec Contain:
Tank Other Mat:
Tank Comments: Disposal of Tank: PACIFIC HIDE & FUR
Pipe Interstitial Dbl Walled:
Pipe Interstitial Sec Contain:
Pipe2 Interstitial Dbl Walled:
Pipe2 Interstitial Sec Contain:
Pipe Mat Other: Painted Steel
Pipe Type Comments:
Piping Comments:

Permit Details

Permit ID: 930711
Issued Org ID: 17291
Licensee Org ID: 420
Permit Status: Complete
Issued F Name: Susan
Issued L Name: McAnally
Permit Comments:
Date App Received: 10/21/1992 0:00:00
Date Permit Issued: 4/5/1993 0:00:00
Date Project Comp: 8/6/1993 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Lawrence
Licensee L Name: Vogl

Permit ID: 130244
Issued Org ID: 22565
Licensee Org ID: 17359
Permit Status: Complete
Issued F Name: Seth
Issued L Name: Hendrix
Permit Comments: Install VR TLS 350, probe, sump sensor, tank interstitial sensor, overfill alarm, 8' flex connector, water tight lid on sump.
Date App Received: 3/5/2013 0:00:00
Date Permit Issued: 3/14/2013 0:00:00
Date Project Comp: 4/5/2013 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Larry
Licensee L Name: Zieske

Permit ID: 000121
Issued Org ID: 17291
Licensee Org ID: 254
Permit Status: Complete
Issued F Name: Susan
Issued L Name: McAnally
Permit Comments: Certificate of compliance waived per JT 2-29-00
Date App Received: 9/27/1999 0:00:00
Date Permit Issued: 9/29/1999 0:00:00
Date Project Comp: 10/8/1999 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Wayne
Licensee L Name: Salsbury

Permit ID: 120086
Issued Org ID: 21033
Licensee Org ID: 18311
Permit Status: Complete
Issued F Name: John
Issued L Name: Brown
Permit Comments: Install ball valve on return line
Date App Received: 11/2/2011 0:00:00
Date Permit Issued: 11/4/2011 0:00:00
Date Project Comp: 1/24/2012 0:00:00
Retrieved: 12/20/2018 22:23:30
Licensee F Name: Rodney
Licensee L Name: Fortier

Compliance

Comp Inspection: 4/8/2002 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Kelly
Licensee L Name: Shutes

Comp Inspection: 11/3/2004 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Jerry
Licensee L Name: Knutson

Comp Inspection: 8/31/2010 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 8/20/2007 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Jerry
Licensee L Name: Knutson

Comp Inspection: 4/15/2016 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

Comp Inspection: 4/9/2001 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Kelly
Licensee L Name: Shutes

Comp Inspection: 7/25/2013 0:00:00
Comp NCI Type:
Retrieved: 12/20/2018 22:17:45
Licensee F Name: Craig
Licensee L Name: Knutson

NAIC

NAIC: 928
NAIC Name: 928
NAIC Desc: National Security and International Affairs
Retrieved: 12/20/2018 22:22:44

Contact(s)

UST Org ID:	35301	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Candace
Site Affil Start:	2/21/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	

UST Org ID:	35301	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	Candace
Site Affil Start:	3/3/2017 0:00:00	***Contact Last Name:***	Ellsworth
Site Affil End:		***Busn Name:***	

UST Org ID:	24423	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	

UST Org ID:	15589	***Site Affil Type Desc:***	Owner
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	3	***Contact First Name:***	
Site Affil Start:		***Contact Last Name:***	
Site Affil End:		***Busn Name:***	341 CES CEANQ

UST Org ID:	36441	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	

UST Org ID:	36441	***Site Affil Type Desc:***	UST Class B Global Operator
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	40	***Contact First Name:***	William
Site Affil Start:	4/25/2017 0:00:00	***Contact Last Name:***	Smith
Site Affil End:		***Busn Name:***	

UST Org ID:	24423	***Site Affil Type Desc:***	UST Class A Operator
Site ID:	34906	***Retrieved:***	12/20/2018 22:19:50
Site Affil Type ID:	38	***Contact First Name:***	Curtis
Site Affil Start:	3/21/2017 0:00:00	***Contact Last Name:***	Hester
Site Affil End:		***Busn Name:***	

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Mar 26, 2020

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Sep 22, 2020

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Sep 22, 2020

Deleted NPL: DELETED NPL

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

Government Publication Date: Sep 22, 2020

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Aug 26, 2020

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Aug 26, 2020

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jul 27, 2020

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jul 27, 2020

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jul 27, 2020

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jul 27, 2020

RCRA Conditionally Exempt and Very Small Quantity Generators List: RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jul 27, 2020

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jul 27, 2020

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 26, 2020

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Aug 26, 2020

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 19, 2020

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Sep 3, 2019

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Aug 26, 2020

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Sep 22, 2020

State

CECRA (Non-NPL) Priority Sites List: SHWS

The State Superfund Unit of the Montana, Department of Environment Quality (DEQ) utilizes the Comprehensive Environmental Cleanup and Responsibility Act (CECRA) and the Environmental Quality Protection Fund (EQPF) to investigate and cleanup hazardous substances at sites not addressed by federal Superfund. The CECRA defines "Facility" as all areas where a hazardous or deleterious substance has been deposited, stored, disposed of, placed, or otherwise come to be located. This database is state equivalent CERCLIS.

Government Publication Date: Dec 12, 2018

Delisted CECRA (Non-NPL) Priority Sites List: DSHW

This database contains a list of closed hazardous substance release sites that were removed from the State Superfund Unit of the Montana, Department of Environment Quality (DEQ).

Government Publication Date: Dec 12, 2018

Solid Waste Facilities and Landfills: SWF/LF

The Montana Department of Environmental Quality (DEQ) regulates solid waste facilities in Montana. This includes municipal landfills, construction and demolition waste landfills, septic tank land application sites, and motor vehicle recycling and disposal sites.

Government Publication Date: Feb 10, 2020

Historical Landfills 1996: HIST LANDFILLS

This is a list of active and retired landfills in Montana as of 1996, listed in the Montana Department of Environmental Quality - Solid Waste Management Program archives. This list has been made available by Montana State Library.

Government Publication Date: Aug 27, 1996

Leaking UST Site List: LUST

The Petroleum Release Program of the Department of Environmental Quality (DEQ) maintains a statewide database of petroleum storage tank releases that have been reported.

Government Publication Date: Jun 25, 2020

Delisted Leaking Storage Tanks: DELISTED LST

This database contains a list of leaking storage tank sites that were removed from the Montana's Department of Environmental Quality (DEQ), Petroleum Release Program.

Government Publication Date: Jun 25, 2020

Underground Storage Tank Facilities: UST

List of regulated underground storage tanks made available by the Underground Storage Tank Program of Montana's Department of Environmental Quality (DEQ).

Government Publication Date: Dec 12, 2018

Delisted Storage Tanks: DTNK

This database contains a list of closed storage tank sites that were removed from the Underground Storage Tank Program of Montana's Department of Environmental Quality (DEQ).

Government Publication Date: Dec 12, 2018

Response Action List: INST

List of sites with Institutional Controls in the list of hazardous waste facilities where cleanup activities have taken place or are in progress, made available by the Hazardous Waste Section (HWS) in the Department of Environmental Quality (DEQ). Cleanups at these facilities were triggered by permitting requirements, discovery of hazardous waste spills during DEQ inspections, complaints, or self-reporting by handler.

Government Publication Date: Dec 12, 2018

Voluntary Cleanup & Redevelopment Registry: VCP

The Voluntary Cleanup and Redevelopment (VCRA) Act of the Department of Environmental Quality (DEQ) was developed to permit and encourage voluntary cleanup of facilities where releases or threatened releases of hazardous or deleterious substances exist, by providing interested persons with a method of determining what the cleanup responsibilities will be for reuse or redevelopment of existing facilities.

Government Publication Date: Dec 12, 2018

Brownfields Site Listing: BROWNFIELDS

Montana's Department of Environmental Quality (DEQ) Site Response Section (SRS) maintains a statewide database of Brownfield sites.

Government Publication Date: Dec 12, 2018

WQA Site Ranking List: WQA

The Water Quality Act (WQA) Program of the Department of Environmental Quality (DEQ) is responsible for oversight of remediation at sites contaminated with petroleum, pesticides, and solvents. Sites range from small to large in scale and are ranked as maximum, high, medium, or low priority sites, or as operation and maintenance sites.

Government Publication Date: Sep 11, 2019

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 8, which includes Montana.

Government Publication Date: Apr 14, 2020

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

USTs on Tribal/Indian Lands in Region 8, which includes Montana.

Government Publication Date: Apr 14, 2020

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Jul 7, 2020

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Jun 15, 2020

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Oct 5, 2020

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Jul 29, 2020

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jan 20, 2020

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jan 20, 2020

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Jan 28, 2020

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Aug 5, 2020

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: May 1, 2020

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Sep 24, 2020

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 31, 2020

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Oct 9, 2019

State

Hazardous Material Spills Report: SPILLS

The Enforcement Division of the Department of Environmental Quality (DEQ) manages Department enforcement activities such as investigating spills and citizen complaints that allege impacts to human health or the environment; managing enforcement cases; and monitoring compliance.
Government Publication Date: Jun 30, 2020

Clandestine Drug Labs: CDL

The Methamphetamine (Meth) Cleanup Program of Montana's Department of Environmental Quality (DEQ) maintains a list of known Meth labs and works with property owners, contractors and local health officials to remediate these labs.
Government Publication Date: Oct 28, 2020

Dry Cleaning Facilities: DRYCLEANERS

A list of dry cleaning facilities registered with the Hazardous Materials Program of the Montana Department of Environmental Quality (DEQ).
Government Publication Date: Dec 5, 2019

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS

List of sites which once appeared on - and have since been removed from - the list of drycleaning facilities made available by the Hazardous Materials Program of the Montana Department of Environmental Quality (DEQ).
Government Publication Date: Dec 5, 2019

PFAS Sites of Concern: PFAS

A list of sites where Per- and Polyfluoroalkyl Substances (PFAS) are of concern. This list is made available by the Montana Department of Environmental Quality (MTDEQ).
Government Publication Date: Jan 14, 2020

Abandoned and Inactive Mines: MINE

A list of Abandoned and Inactive Mines in the AIM database made available by the Montana Bureau of Mines and Geology (MBMG). In the 1990s, MBMG staff conducted a comprehensive inventory of mine sites on or possibly affecting federal land under contract with the U.S. Forest Service and the U.S. Bureau of Land Management. Sites were researched to determine the potential for environmental impact.
Government Publication Date: Jun 15, 2020

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX F

HISTORICAL USE DOCUMENTATION

APPENDIX F-1

PHYSICAL SETTING REPORT

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		20310500166p
Date Completed:		November 5, 2020
Project Number:		103X903520F0082201012
Project Property:		Hilger VFD Hilger VFD Hilger MT
Coordinates:		
	Latitude:	47.25346523
	Longitude:	-109.36062932
	UTM Northing:	5234634.76166 Meters
	UTM Easting:	624042.155474 Meters
	UTM Zone:	UTM Zone 12T
	Elevation:	4,068.64 ft
	Slope Direction:	NW

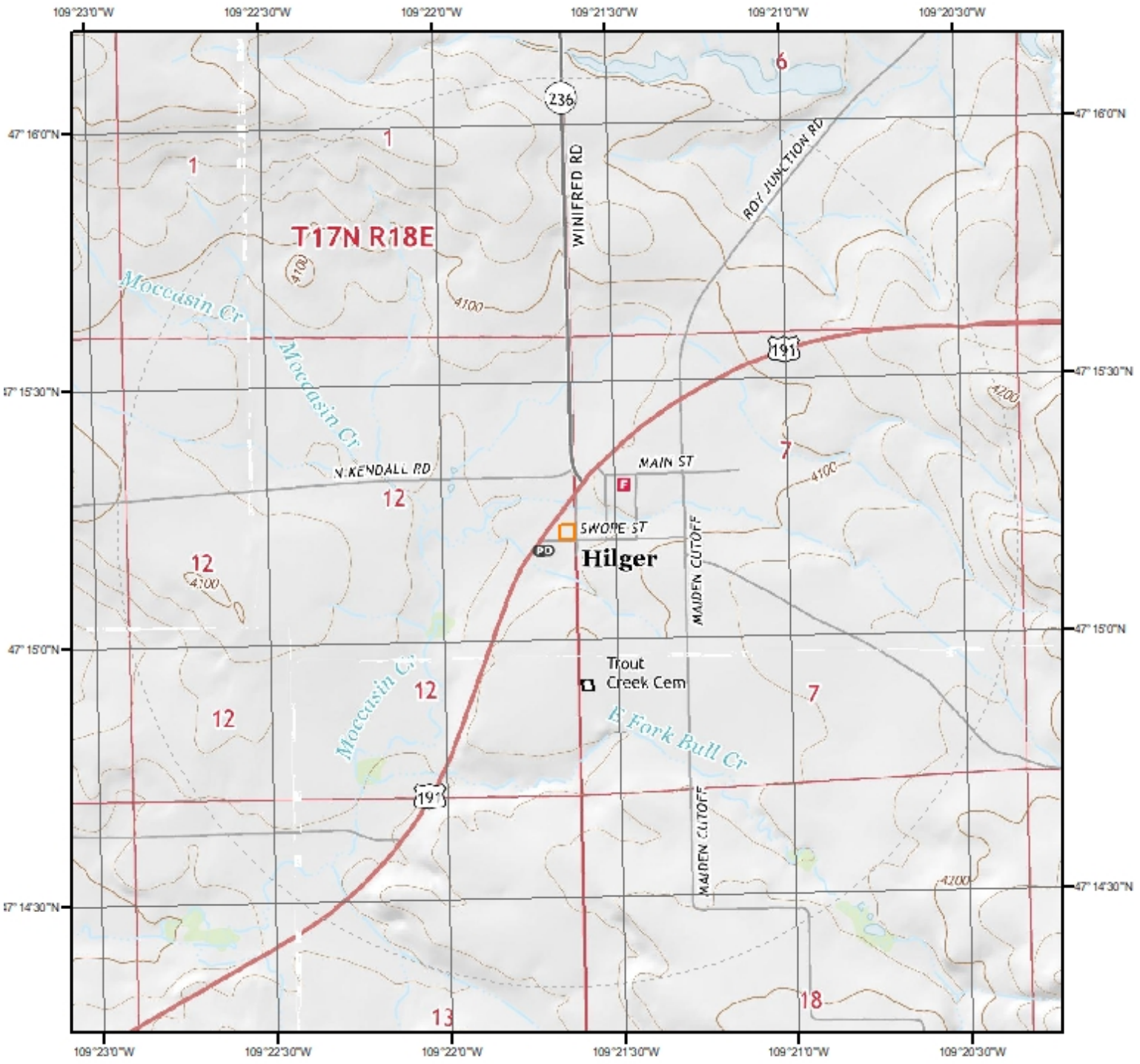
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2017)

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Brooks,MT; Hilger,MT; Kendall,MT; New Year,MT

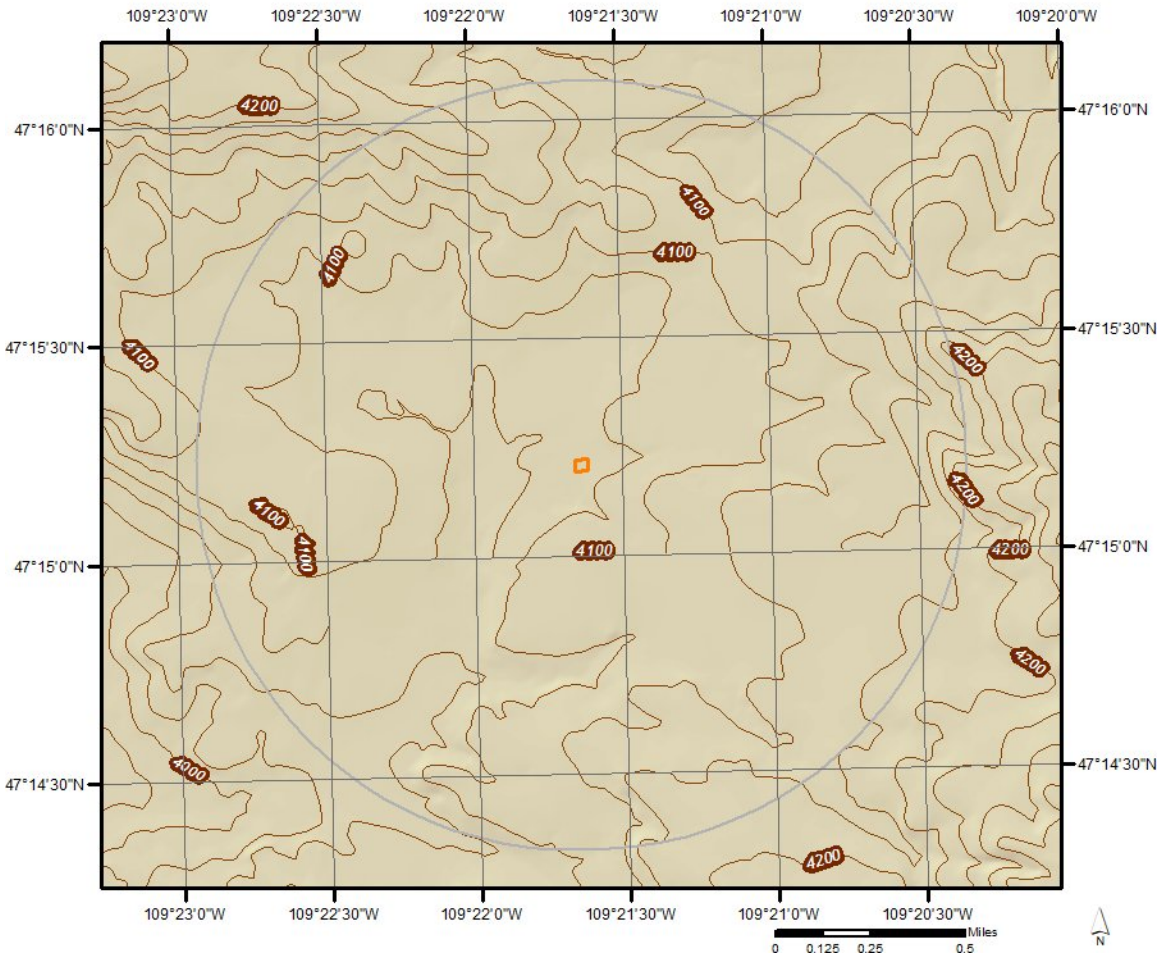
Source: USGS 7.5 Minute Topographic Map

Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	4,068.64 ft
Slope Direction:	NW



Hydrologic Information

Wetland

0 0.075 0.15 0.3 Miles

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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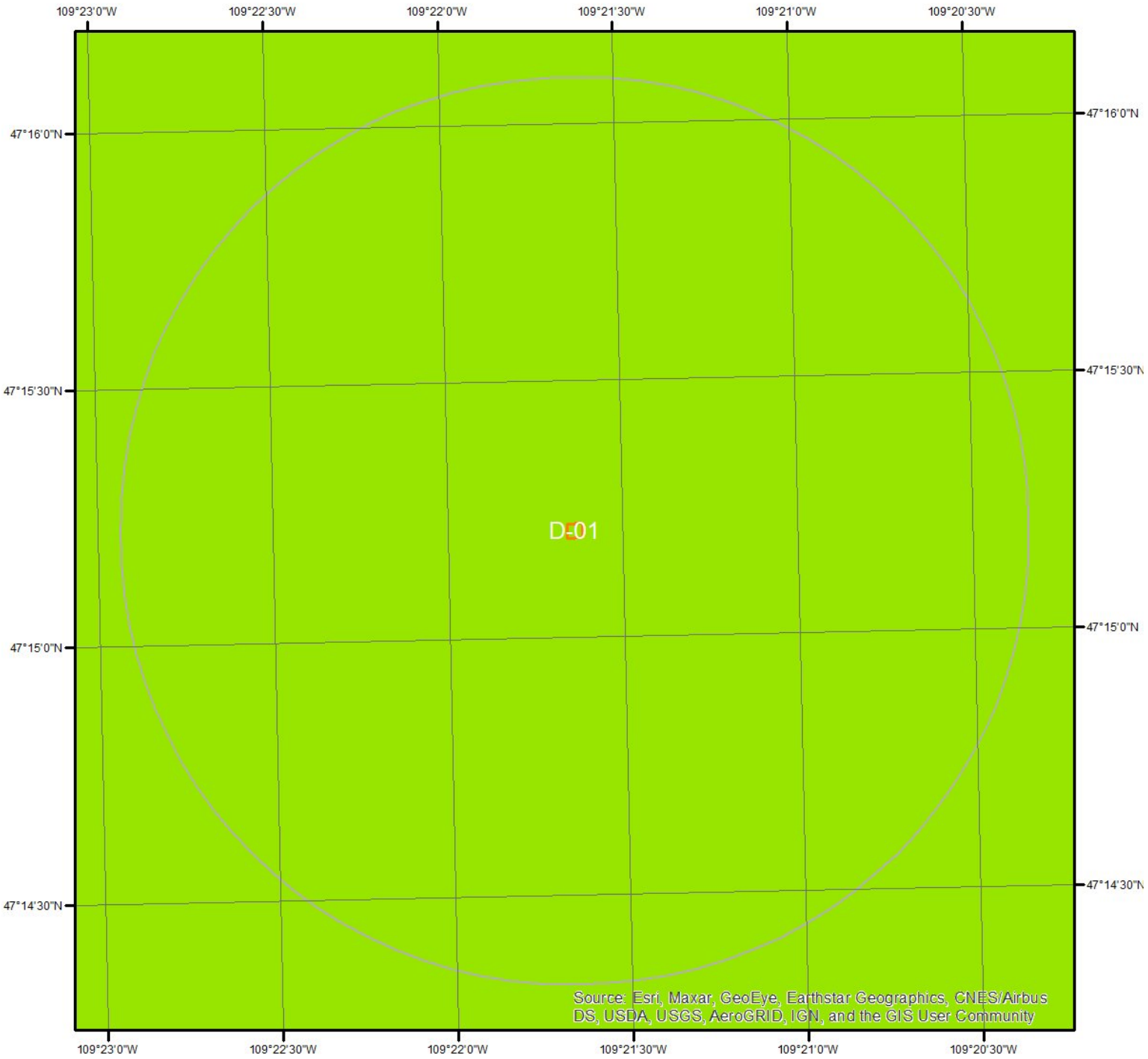
ENVIRONMENTAL RISK INFORMATION SERVICES

Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED

0 0.2 0.4 Miles

N

30027C1300D

30027C1675D

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Hydrologic Information

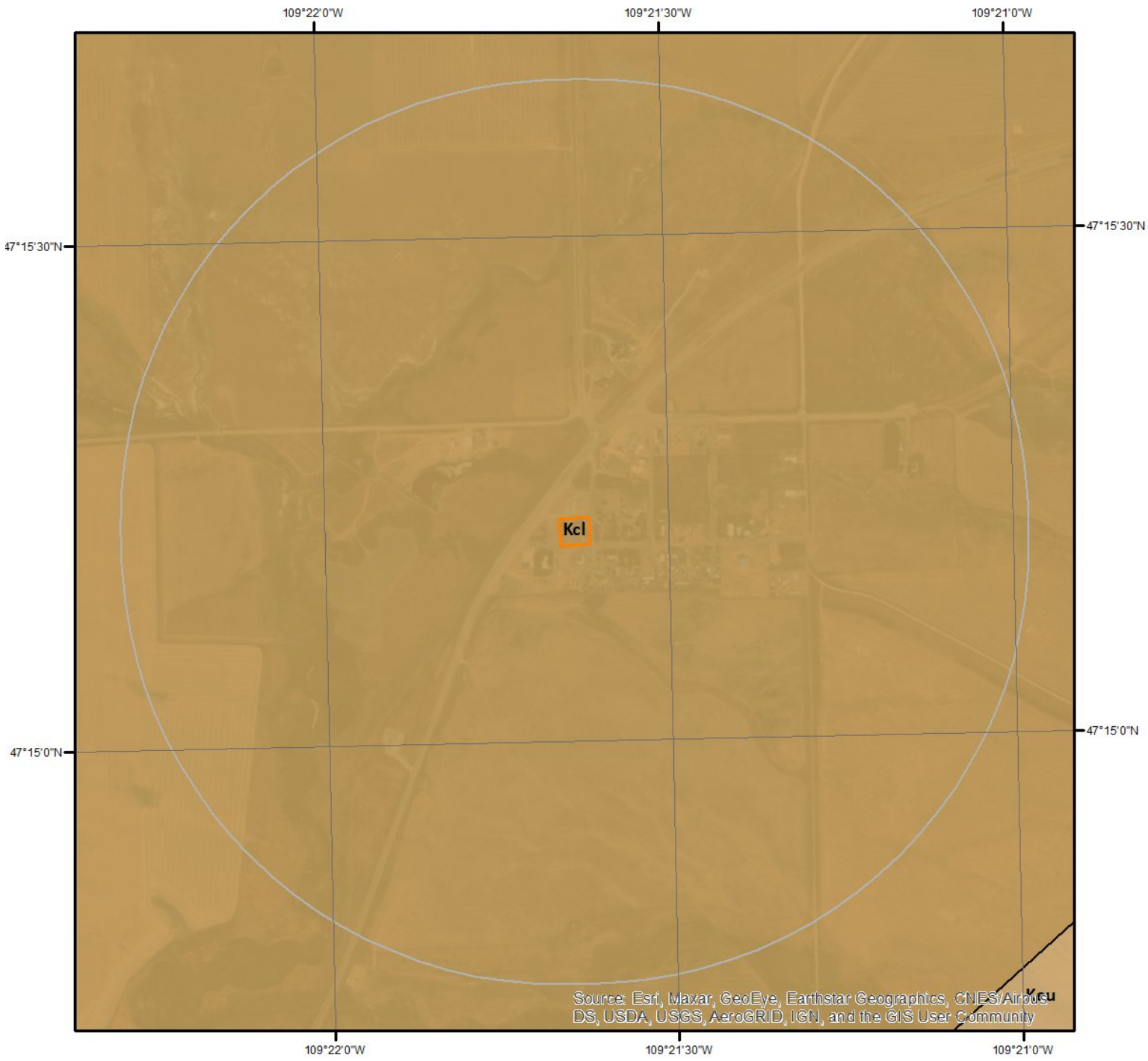
The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.

Available FIRM Panels in area:	30027C1275D(effective:2010-07-22) 30027C1650D(effective:2010-07-22) 30027C1675D(effective:2010-07-22) 30027C1300D(effective:2010-07-22)

Flood Zone D-01

Zone:	D
Zone subtype:	

Geologic Information



0 0.175 0.35 Miles N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

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ENVIRONMENTAL RISK INFORMATION SERVICES

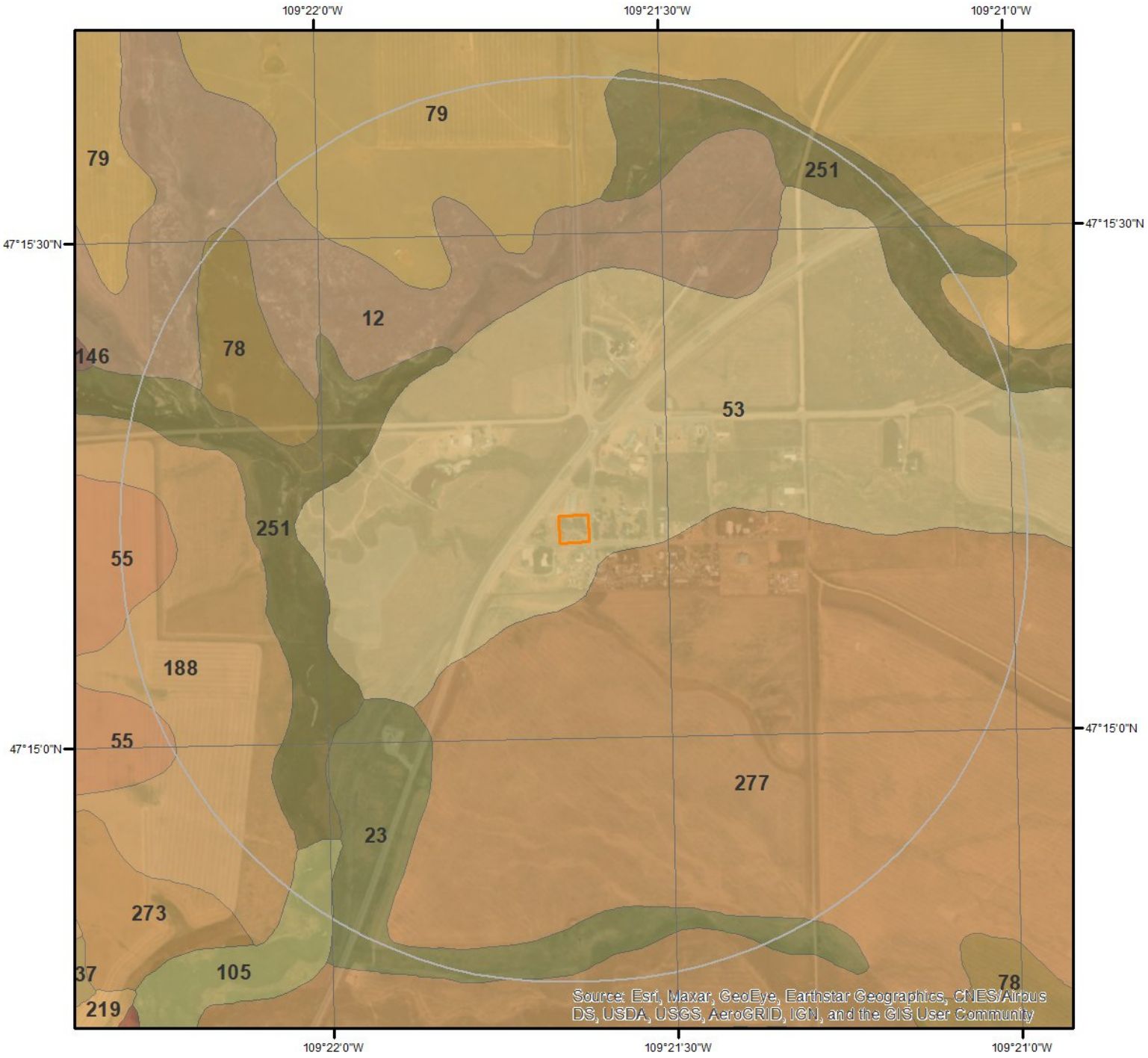
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Kcl

Unit Name:	Claggett formation
Unit Age:	Phanerozoic | Mesozoic | Cretaceous-Late
Primary Rock Type:	shale
Secondary Rock Type:	sandstone
Unit Description:	Claggett formation: chiefly dark-gray shale with iron-stained concretions; locally sandstone present; numerous bentonite beds near base.

Soil Information



SSURGO Soils

0 0.175 0.35 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

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ENVIRONMENTAL RISK INFORMATION SERVICES

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 105 (6.22%)

Map Unit Name:	Fluvaquentic Haplaquolls, nearly level

No more attributes available for this map unit

Map Unit 12 (4.87%)

Map Unit Name:	Adger-Nobe clays, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Adger(60%)	
horizon A(0cm to 15cm)	Clay
horizon Btn(15cm to 36cm)	Clay
horizon Bknyz(36cm to 152cm)	Clay
Nobe(30%)	
horizon E(0cm to 20cm)	Clay
horizon Bknyz(20cm to 152cm)	Clay

Map Unit 188 (4.05%)

Map Unit Name:	Regent silty clay, 2 to 8 percent slopes
Bedrock Depth - Min:	89cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Regent(90%)	
horizon A(0cm to 15cm)	Silty clay
horizon Bt(15cm to 33cm)	Silty clay
horizon Bk(33cm to 89cm)	Silty clay
horizon Cr(89cm to 152cm)	Weathered bedrock

Map Unit 23 (1.57%)

Map Unit Name:	Bitton very stony loam, 15 to 45 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly

	wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Bitton(90%)	
horizon A(0cm to 28cm)	Very stony loam
horizon Bk(28cm to 152cm)	Extremely channery loam

Map Unit 251 (4.23%)

Map Unit Name:	Typic Ustifluvents, saline
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null
Major components are printed below	

Map Unit 277 (19.58%)

Map Unit Name:	Work clay loam, 2 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Work(90%)	
horizon A(0cm to 15cm)	Clay loam
horizon Bt(15cm to 79cm)	Clay loam
horizon Bk(79cm to 152cm)	Loam

Map Unit 53 (10.76%)

Map Unit Name:	Daglum-Adger complex, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Daglum(60%)	
horizon A(0cm to 25cm)	Clay loam
horizon Btn(25cm to 43cm)	Clay
horizon Bknyz(43cm to 152cm)	Clay
Adger(30%)	
horizon A(0cm to 15cm)	Clay
horizon Btn(15cm to 36cm)	Clay
horizon Bknyz(36cm to 152cm)	Clay

Soil Information

Map Unit 55 (6.09%)

Map Unit Name:	Danvers clay loam, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Danvers(90%)	
horizon A(0cm to 10cm)	Clay loam
horizon Bt(10cm to 36cm)	Silty clay
horizon Bk(36cm to 112cm)	Clay loam
horizon 2C(112cm to 152cm)	Gravelly clay loam

Map Unit 78 (0.63%)

Map Unit Name:	Eltsac clay, 4 to 8 percent slopes
Bedrock Depth - Min:	97cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.
Major components are printed below	
Eltsac(85%)	
horizon A(0cm to 10cm)	Clay
horizon Bk(10cm to 53cm)	Clay
horizon C(53cm to 97cm)	Clay
horizon Cr(97cm to 152cm)	Unweathered bedrock

Map Unit 79 (41.99%)

Map Unit Name:	Eltsac-Lawther clays, 2 to 8 percent slopes
Bedrock Depth - Min:	97cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.
Major components are printed below	
Eltsac(50%)	
horizon A(0cm to 10cm)	Clay
horizon Bk(10cm to 53cm)	Clay
horizon C(53cm to 97cm)	Clay
horizon Cr(97cm to 152cm)	Unweathered bedrock
Lawther(30%)	
horizon A(0cm to 15cm)	Clay
horizon Bkss(15cm to 163cm)	Clay

Wells and Additional Sources

Wells & Additional Sources

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation

N

0 0.15 0.3 0.6 Miles

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
17	USGS-471513109212201	851.88	E
17	USGS-471513109212202	851.88	E
18	USGS-471519109212501	860.82	NE
24	USGS-06112800	1,903.31	WNW

State Sources

Ground Water Information Center (GWIC) Database

Map Key	GWIC ID	Distance (ft)	Direction
1	297615	292.72	WSW
2	309284	475.90	N
3	29864	459.01	ENE
3	29865	459.01	ENE
4	309286	496.28	N
5	286302	485.94	NNE
6	291108	516.03	NNE
7	291110	510.44	NNE
8	291109	556.45	NNE
9	291107	558.16	NNE
10	309288	576.53	NNE
11	309289	575.47	NNE
12	286303	575.57	NNE
13	286301	573.24	NNE
14	309287	597.02	NNE
15	309290	594.32	NNE
16	269086	708.50	NW
19	176675	924.82	NE
20	151276	1,093.42	NNE
21	29862	1,486.73	E
22	276073	1,649.69	ESE
23	298818	1,667.58	WNW
25	281388	2,093.93	W
26	29810	2,494.88	SSW
26	29812	2,494.88	SSW
26	29811	2,494.88	SSW
27	29857	2,568.10	E
27	29859	2,568.10	E

27	29858	2,568.10	E
27	29861	2,568.10	E
27	29863	2,568.10	E
28	123067	2,675.11	W
29	29860	2,892.15	E
30	29866	5,078.84	S
31	29813	5,091.20	SW

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	E	0.16	851.88	4,084.03	FED USGS

Organiz Identifier:	USGS-MT	Formation Type:	Claggett Shale of the Montana Group
Organiz Name:	USGS Montana Water Science Center	Aquifer Name:	
Well Depth:	100	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	FERGUS
Construction Date:	1962	Latitude:	47.2535888
Source Map Scale:	62500	Longitude:	-109.3568459
Monitoring Loc Name:	17N19E07BC 01		
Monitoring Loc Identifier:	USGS-471513109212201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	10040103		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4075		
Vertical Measure Unit:	feet		
Vertical Accuracy:	25		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	E	0.16	851.88	4,084.03	FED USGS

Organiz Identifier:	USGS-MT	Formation Type:	Claggett Shale of the Montana Group
Organiz Name:	USGS Montana Water Science Center	Aquifer Name:	
Well Depth:	95	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	FERGUS

Construction Date:	1964	Latitude:	47.2535888
Source Map Scale:	62500	Longitude:	-109.3568459
Monitoring Loc Name:	17N19E07BC 02		
Monitoring Loc Identifier:	USGS-471513109212202		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	10040103		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4075		
Vertical Measure Unit:	feet		
Vertical Accuracy:	25		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NE	0.16	860.82	4,084.08	FED USGS

Organiz Identifier:	USGS-MT	Formation Type:	Eagle Sandstone
Organiz Name:	USGS Montana Water Science Center	Aquifer Name:	
Well Depth:	510	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	FERGUS
Construction Date:	1946	Latitude:	47.2552555
Source Map Scale:	24000	Longitude:	-109.3576793
Monitoring Loc Name:	17N19E07BBC 01		
Monitoring Loc Identifier:	USGS-471519109212501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	10040103		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	4075
Vertical Measure Unit:	feet
Vertical Accuracy:	10
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	WNW	0.36	1,903.31	4,062.59	FED USGS

Organiz Identifier:	USGS-MT	Formation Type:	
Organiz Name:	USGS Montana Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	FERGUS
Construction Date:		Latitude:	47.2551361
Source Map Scale:		Longitude:	-109.3683528
Monitoring Loc Name:	Bull Creek trib near Hilger MT		
Monitoring Loc Identifier:	USGS-06112800		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	10040103		
Drainage Area:	0.83		
Drainage Area Unit:	sq mi		
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from Digital MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4050		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Ground Water Information Center (GWIC) Database

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	WSW	0.06	292.72	4,064.63	WATER WELLS

GWIC ID:	297615	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.2531576	Range:	18E
Longitude:	-109.36214951	Section:	12
Geomethod:	TRS-SEC	Quarter Section:	ADD

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	N	0.09	475.90	4,070.25	WATER WELLS

GWIC ID:	309284	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255	Range:	18E
Longitude:	-109.360306	Section:	12
Geomethod:	NAV-GPS	Quarter Section:	AD

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.09	459.01	4,079.05	WATER WELLS

GWIC ID:	29864	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.25409303	Range:	19E
Longitude:	-109.35852693	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.09	459.01	4,079.05	WATER WELLS

GWIC ID:	29865	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.25409303	Range:	19E
Longitude:	-109.35852693	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.09	496.28	4,070.25	WATER WELLS

GWIC ID:	309286	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255056	Range:	18E
Longitude:	-109.360278	Section:	12
Geomethod:	NAV-GPS	Quarter Section:	AD

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.09	485.94	4,079.31	WATER WELLS

GWIC ID:	286302	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.254917	Range:	19E
Longitude:	-109.3595	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNE	0.10	516.03	4,077.95	WATER WELLS

GWIC ID:	291108	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255028	Range:	19E
Longitude:	-109.359583	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NNE	0.10	510.44	4,081.38	WATER WELLS

GWIC ID:	291110	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.254917	Range:	19E
Longitude:	-109.359278	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	NNE	0.11	556.45	4,077.92	WATER WELLS

GWIC ID:	291109	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255139	Range:	19E
Longitude:	-109.359556	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	NNE	0.11	558.16	4,080.99	WATER WELLS

GWIC ID:	291107	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255083	Range:	19E
Longitude:	-109.359333	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NNE	0.11	576.53	4,075.04	WATER WELLS

GWIC ID:	309288	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.25525	Range:	19E
Longitude:	-109.359861	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NNE	0.11	575.47	4,077.93	WATER WELLS

GWIC ID:	309289	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255194	Range:	19E
Longitude:	-109.359556	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	NNE	0.11	575.57	4,079.68	WATER WELLS

GWIC ID:	286303	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255167	Range:	19E
Longitude:	-109.359444	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NNE	0.11	573.24	4,080.60	WATER WELLS

GWIC ID:	286301	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255111	Range:	19E
Longitude:	-109.359278	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NNE	0.11	597.02	4,076.92	WATER WELLS

GWIC ID:	309287	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255278	Range:	19E
Longitude:	-109.359667	Section:	7

Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NNE	0.11	594.32	4,079.66	WATER WELLS

GWIC ID:	309290	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255222	Range:	19E
Longitude:	-109.359444	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NW	0.13	708.50	4,065.15	WATER WELLS

GWIC ID:	269086	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.255083	Range:	18E
Longitude:	-109.362972	Section:	12
Geomethod:	NAV-GPS	Quarter Section:	ADB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	NE	0.18	924.82	4,084.21	WATER WELLS

GWIC ID:	176675	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.255028	Range:	19E
Longitude:	-109.357112	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	BCA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	NNE	0.21	1,093.42	4,077.94	WATER WELLS

GWIC ID:	151276	Datum:	NAD27
DNRC Water Right:		Township:	17N
Latitude:	47.2563	Range:	19E
Longitude:	-109.3581	Section:	7
Geomethod:	NAV-GPS	Quarter Section:	BBCC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	E	0.28	1,486.73	4,101.11	WATER WELLS

GWIC ID:	29862	Datum:	NAD83
DNRC Water Right:		Township:	17N

Latitude:	47.253158	Range:	19E
Longitude:	-109.354281	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	BDC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	ESE	0.31	1,649.69	4,111.91	WATER WELLS

GWIC ID:	276073	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.25128672	Range:	19E
Longitude:	-109.35428099	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	CAB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	WNW	0.32	1,667.58	4,061.23	WATER WELLS

GWIC ID:	298818	Datum:	WGS84
DNRC Water Right:		Township:	17N
Latitude:	47.255533	Range:	18E
Longitude:	-109.367133	Section:	12
Geomethod:	NAV-GPS	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	W	0.40	2,093.93	4,065.20	WATER WELLS

GWIC ID:	281388	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.253889	Range:	18E
Longitude:	-109.369417	Section:	12
Geomethod:	NAV-GPS	Quarter Section:	A

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.47	2,494.88	4,086.00	WATER WELLS

GWIC ID:	29810	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.24661	Range:	18E
Longitude:	-109.363506	Section:	12
Geomethod:	TRS-SEC	Quarter Section:	DD

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.47	2,494.88	4,086.00	WATER WELLS

GWIC ID:	29812	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.24661	Range:	18E
Longitude:	-109.363506	Section:	12
Geomethod:	TRS-SEC	Quarter Section:	DD

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.47	2,494.88	4,086.00	WATER WELLS

GWIC ID:	29811	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.24661	Range:	18E
Longitude:	-109.363506	Section:	12
Geomethod:	TRS-SEC	Quarter Section:	DD

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	E	0.49	2,568.10	4,122.73	WATER WELLS

GWIC ID:	29857	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.252222	Range:	19E
Longitude:	-109.350035	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	E	0.49	2,568.10	4,122.73	WATER WELLS

GWIC ID:	29859	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.252222	Range:	19E
Longitude:	-109.350035	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	E	0.49	2,568.10	4,122.73	WATER WELLS

GWIC ID:	29858	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.252222	Range:	19E
Longitude:	-109.350035	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	E	0.49	2,568.10	4,122.73	WATER WELLS

GWIC ID:	29861	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.252222	Range:	19E
Longitude:	-109.350035	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	E	0.49	2,568.10	4,122.73	WATER WELLS

GWIC ID:	29863	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.25222216	Range:	19E
Longitude:	-109.35003505	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	W	0.51	2,675.11	4,083.21	WATER WELLS

GWIC ID:	123067	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.252222	Range:	18E
Longitude:	-109.371647	Section:	12
Geomethod:	TRS-SEC	Quarter Section:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	E	0.55	2,892.15	4,105.09	WATER WELLS

GWIC ID:	29860	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.253158	Range:	19E
Longitude:	-109.34862	Section:	7
Geomethod:	TRS-SEC	Quarter Section:	ACC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.96	5,078.84	4,124.32	WATER WELLS

GWIC ID:	29866	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.239406	Range:	19E
Longitude:	-109.358024	Section:	18
Geomethod:	TRS-SEC	Quarter Section:	BC

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Wells and Additional Sources Detail Report

31	SW	0.96	5,091.20	4,034.30	WATER WELLS

GWIC ID:	29813	Datum:	NAD83
DNRC Water Right:		Township:	17N
Latitude:	47.241925	Range:	18E
Longitude:	-109.373004	Section:	13
Geomethod:	TRS-SEC	Quarter Section:	BAD

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *FERGUS* County: **1**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *FERGUS* County

No Measures/Homes:	12
Geometric Mean:	2.9
Arithmetic Mean:	3.9
Median:	3.6
Standard Deviation:	2.7
Maximum:	8.9
% >4 pCi/L:	42
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of Montana conducted during 1991-92. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Ground Water Information Center (GWIC) Database — **WATER WELLS**

List of wells in the Montana Bureau of Mines and Geology (MBMG)'s Groundwater Information Center

online database. The Montana Bureau of Mines and Geology is the principal source of earth science information for the citizens of Montana.

Oil and Gas Wells **OGW**

Oil and Gas Wells Data collected by Montana Board of Oil & Gas Conservation.

Public Water Supply Wells **PWSW**

A list of public water supply wells provided by the Water Quality Division at the Montana Department of Environmental Quality (DEQ). Location information is deemed sensitive and not released by DEQ.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX F-2

HISTORICAL FIRE INSURANCE MAP REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

FIRE INSURANCE MAPS

Project Property:	Hilger VFD Hilger VFD Hilger MT
Project No:	103X903520F0082201012
Requested By:	Tetra Tech
Order No:	20310500166
Date Completed:	November 05, 2020

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1929	Hilger	Montana		1
1916	Hilger	Montana		1

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services
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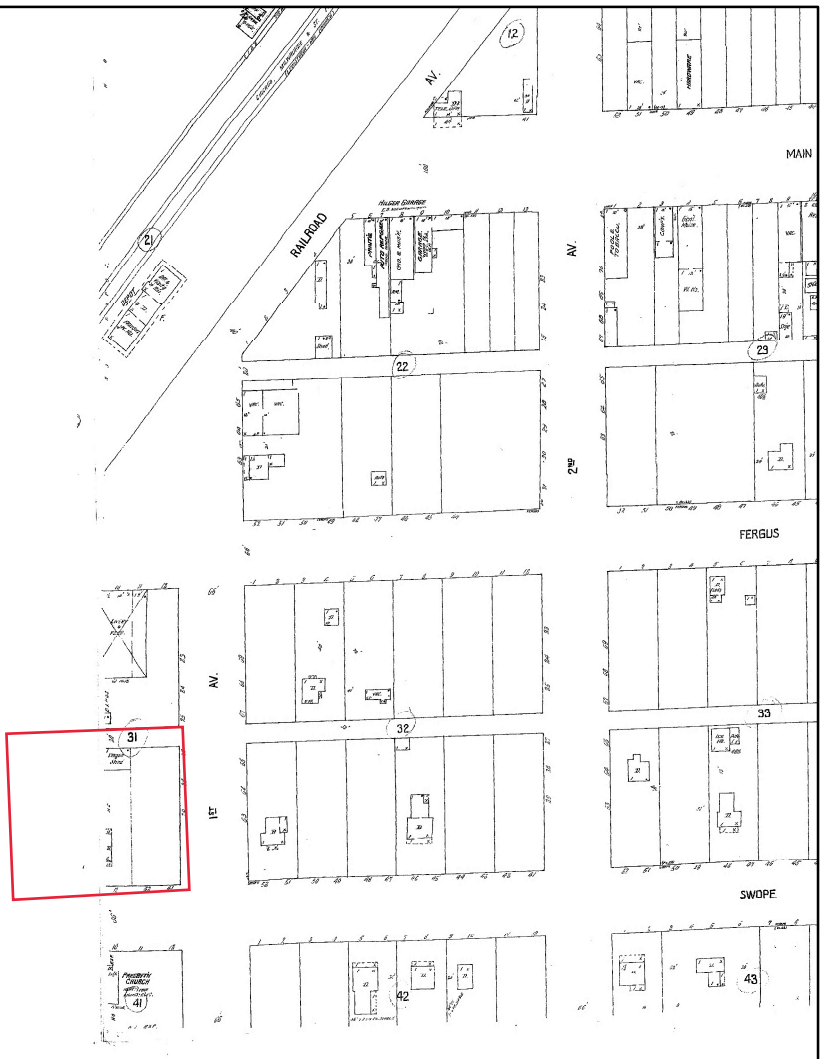
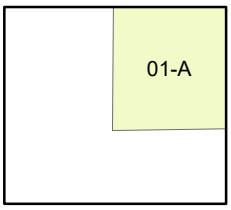
Fire Insurance Map



1929

Address: Hilger VFD Hilger MT



Map sheet(s):
Volume NA:1;

N

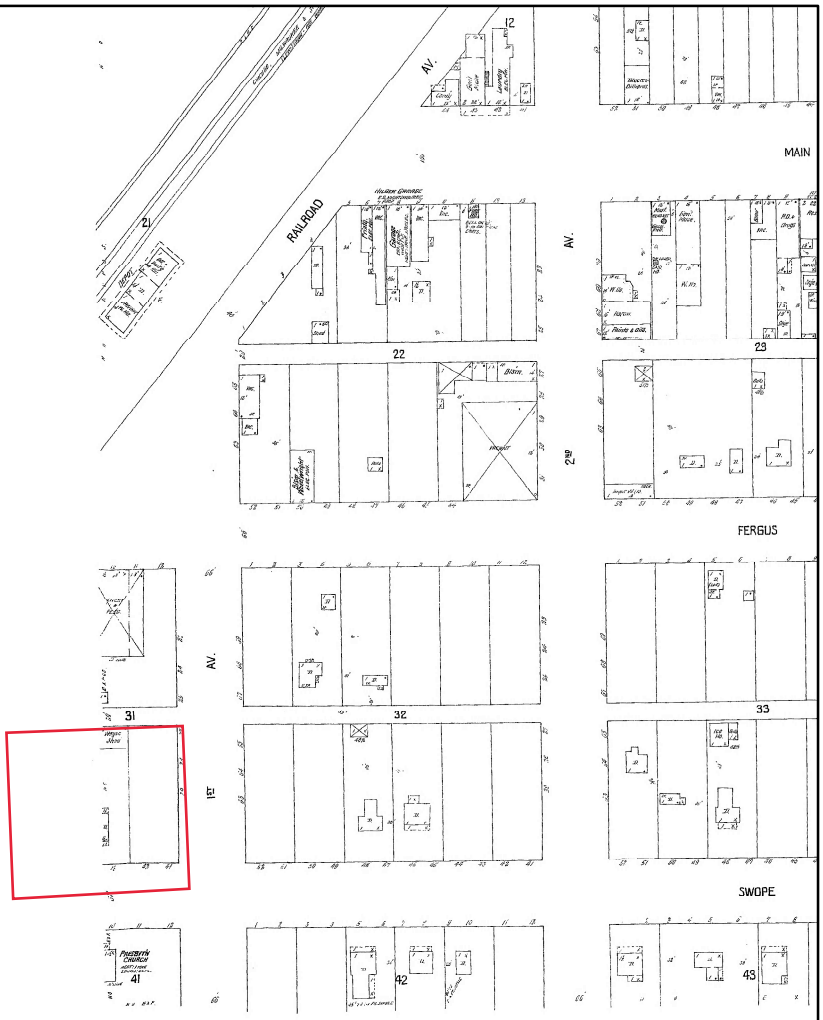
0 87.5 175 350 525 700

Feet

Order Number 20310500166

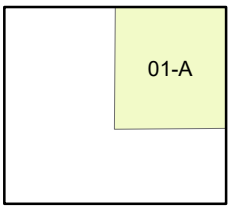
ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1916

Address: Hilger VFD Hilger MT



Map sheet(s):
Volume NA:1;

N

0 87.5 175 350 525 700

Feet

Order Number 20310500166

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX F-3

HISTORICAL AERIAL PHOTOGRAPHS

ENVIRONMENTAL RISK INFORMATION SERVICES

HISTORICAL AERIALS

Project Property:	Hilger VFD Hilger VFD Hilger MT
Requested By:	Tetra Tech
Order No:	20310500166
Data Completed:	November 11,2020

Environmental Risk Information Services
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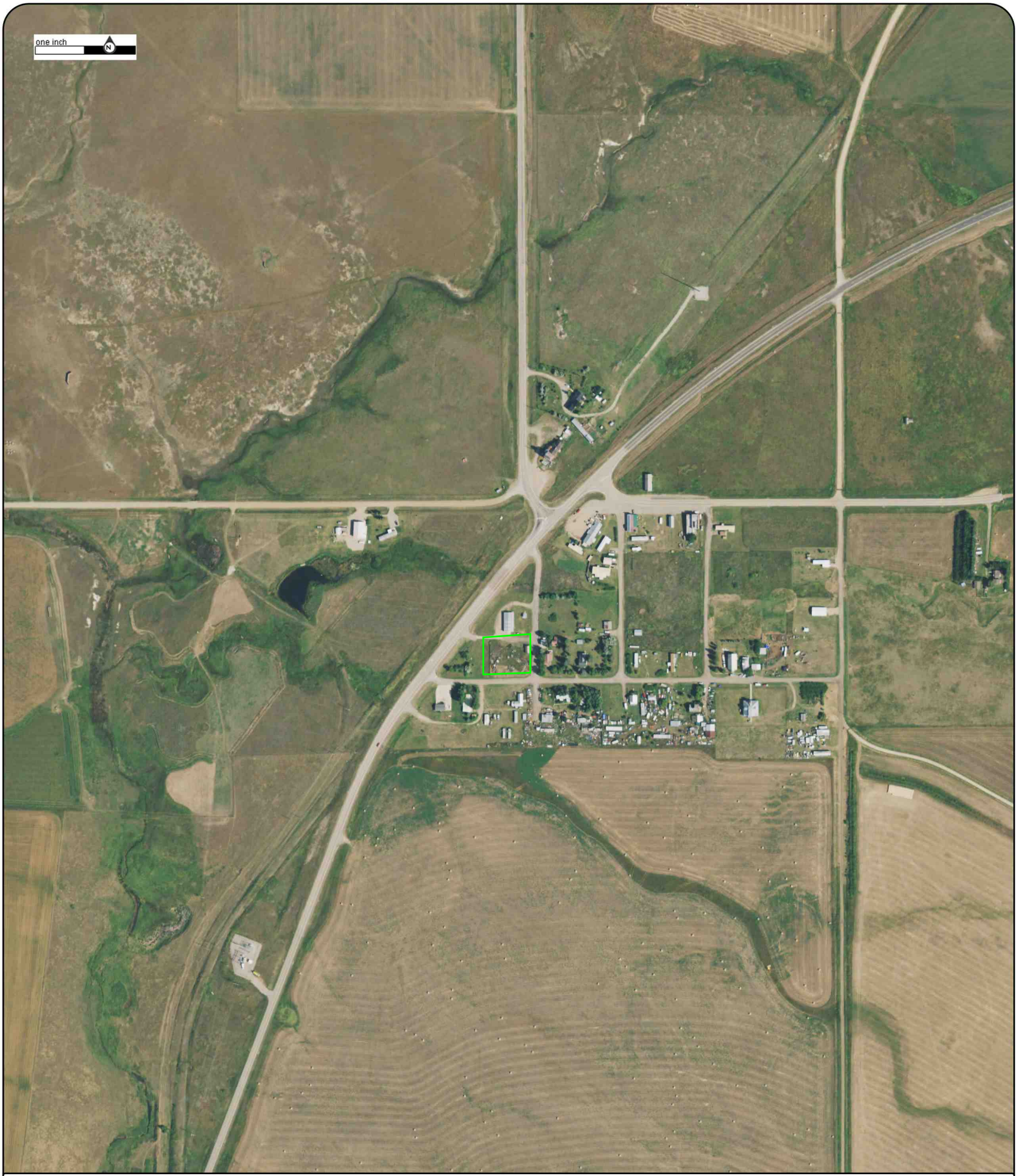
Date	Source	Source Scale	Comments
2019	National Agriculture Information Program	1" to 500'	
2017	National Agriculture Information Program	1" to 500'	
2015	National Agriculture Information Program	1" to 500'	
2013	National Agriculture Information Program	1" to 500'	
2009	National Agriculture Information Program	1" to 500'	
1997	US Geological Survey	1" to 500'	
1986	National High Altitude Photography	1" to 500'	
1982	US Geological Survey	1" to 500'	
1975	US Geological Survey	1" to 500'	
1968	US Geological Survey	1" to 500'	
1953	Army Mapping Service	1" to 500'	Best Copy Available
1938	US Department of Agriculture	1" to 500'	Photo Index-Best Avail



Year:2019
Source:NAIP
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:2017
Source:NAIP
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

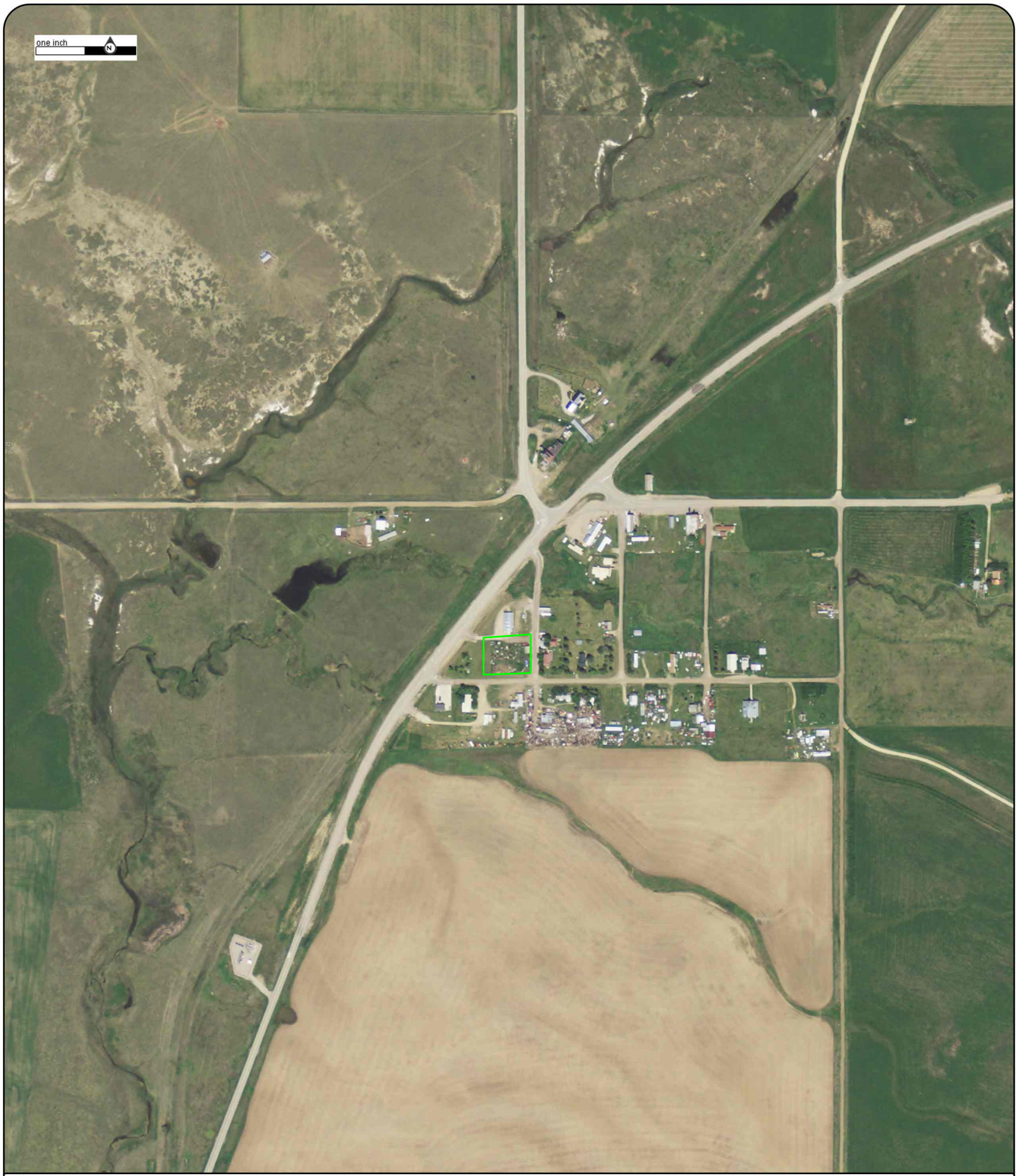
ENVIRONMENTAL RISK INFORMATION SERVICES

Year:2015
Source:NAIP
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2013
Source:NAIP
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:2009
Source:NAIP
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1997
Source:USGS
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1986
Source:NHAP
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1982
Source:USGS
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1975
Source:USGS
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1968
Source:USGS
Scale:1" to 500'
Comment:

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1953
Source:AMS
Scale:1" to 500'
Comment:Best Copy Available

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

Year:1938
Source:USDA
Scale:1" to 500'
Comment:Photo Index-Best Avail

Address:Hilger VFD, Hilger, MT
Approx Center:47.25346523/-109.36062932

Order No:20310500166

ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX F-4

HISTORICAL TOPOGRAPHIC MAPS

ENVIRONMENTAL RISK INFORMATION SERVICES

TOPOGRAPHIC MAPS

Project Property:	Hilger VFD Hilger VFD Hilger MT
Project No:	103X903520F0082201012
Requested By:	Tetra Tech
Order No:	20310500166
Date Completed:	November 05, 2020

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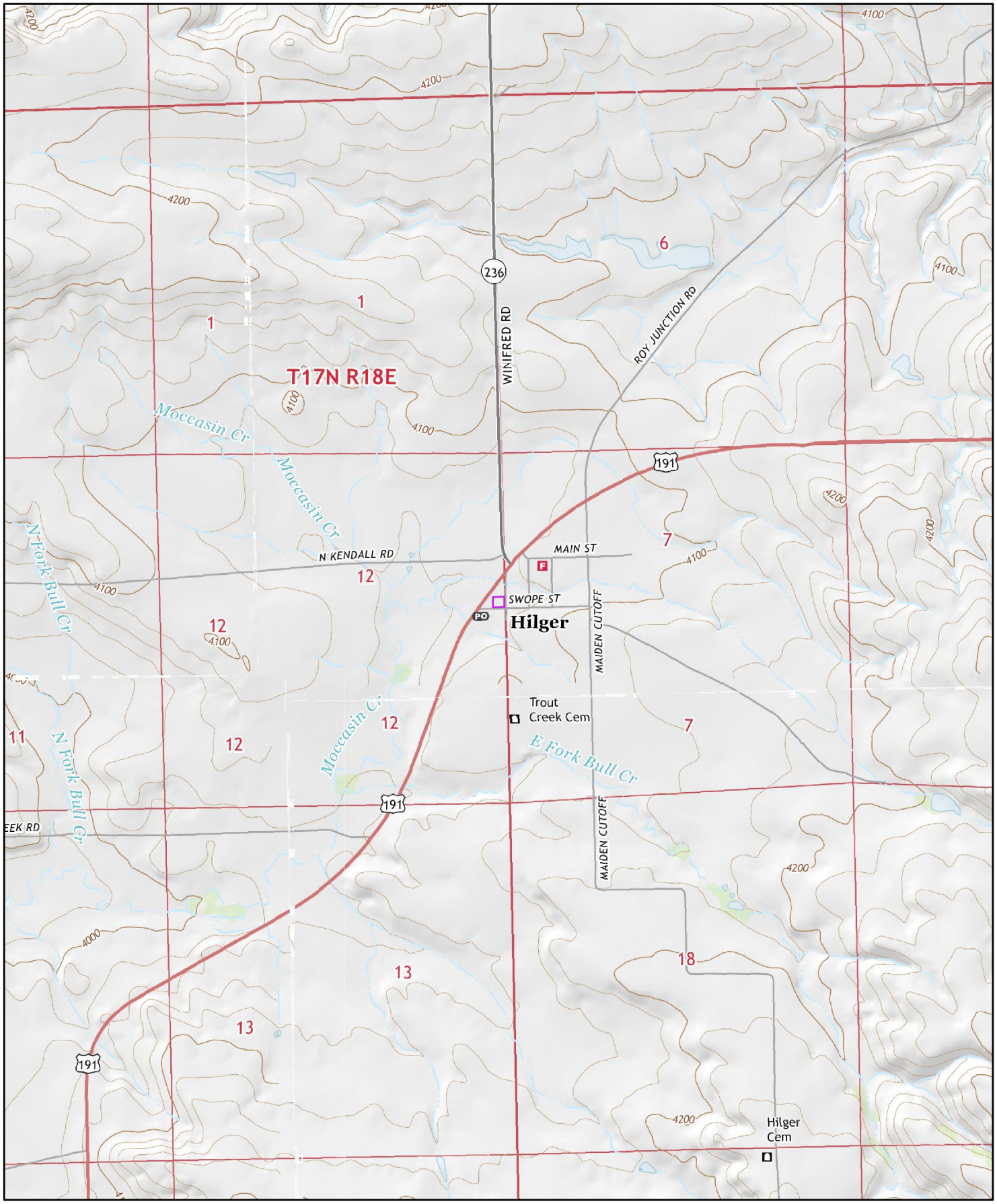
We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2017	7.5
1985	7.5



2017

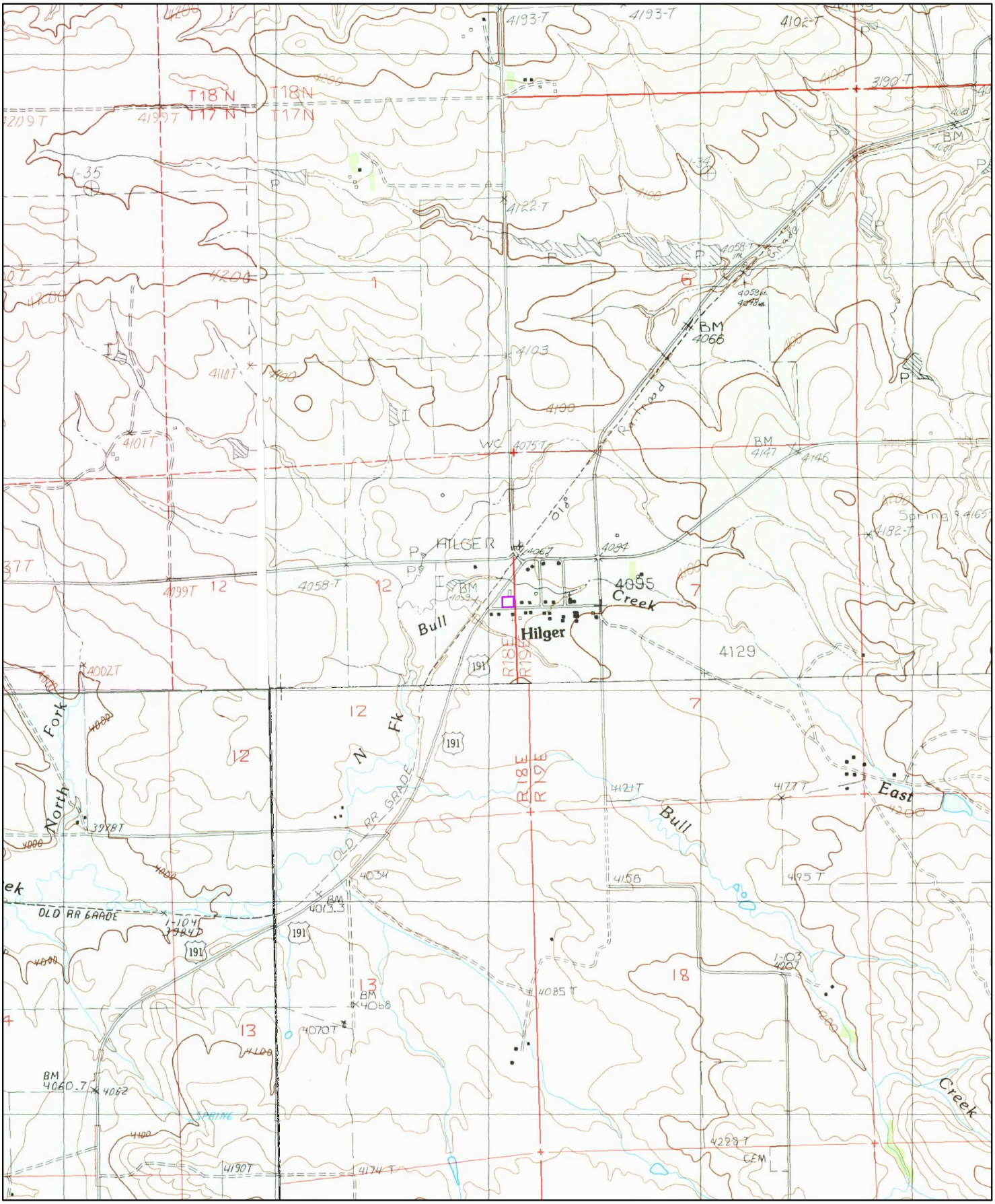
0 0.2 0.4 0.8 Miles

Order No. 20310500166

Quadrangle(s): Hilger,MT

Source: USGS 7.5 Minute Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES



1985

0 0.2 0.4 0.8 Miles

Order No. 20310500166

Quadrangle(s): Hilger,MT

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX F-5

HISTORICAL CITY DIRECTORY SEARCH

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property:	*Hilger VFD* *Hilger VFD* *Hilger, MT*
Project No:	*103X903520F0082201012*
Requested By:	*Tetra Tech*
Order No:	*20310500166*
Date Completed:	*November 8, 2020*

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

November 8, 2020
RE: CITY DIRECTORY RESEARCH
Hilger VFD
Hilger VFD Hilger, MT

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
All of 1st Ave
1-200 of Swope St

Search Results Summary

Date	Source	Comment
2018	DIGITAL BUSINESS DIRECTORY	
2014	DIGITAL BUSINESS DIRECTORY	
2009	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
1998	DIGITAL BUSINESS DIRECTORY	

2018
SOURCE: DIGITAL BUSINESS DIRECTORY

1ST AVE

NO LISTING FOUND FOR THIS YEAR...

2018
SOURCE: DIGITAL BUSINESS DIRECTORY

SWOPE ST

91 **US POST OFFICE**...*Post Offices*

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

1ST AVE

NO LISTING FOUND FOR THIS YEAR...

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

SWOPE ST

39 **US POST OFFICE**...*Postal Svc*
91 **US POST OFFICE**...*Postal Svc*

2009
SOURCE: DIGITAL BUSINESS DIRECTORY

1ST AVE

NO LISTING FOUND FOR THIS YEAR...

2009
SOURCE: DIGITAL BUSINESS DIRECTORY

SWOPE ST

NO LISTING FOUND FOR THIS YEAR...

2003
SOURCE: DIGITAL BUSINESS DIRECTORY

1ST AVE

NO LISTING FOUND FOR THIS YEAR...

2003
SOURCE: DIGITAL BUSINESS DIRECTORY

SWOPE ST

NO LISTING FOUND FOR THIS YEAR...

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

1ST AVE

NO LISTING FOUND FOR THIS YEAR...

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

SWOPE ST

NO LISTING FOUND FOR THIS YEAR...

--- END REPORT ---

APPENDIX G

RESUMES

TETRA TECH

Ella Lunny
GIS Specialist

Experience Summary

Ms. Lunny joined Tetra Tech in August of 2020 as a GIS Specialist, and has experience interpreting, analyzing project data and environmental methods. Ms. Lunny is experienced in statistical analysis and data management using ArcGIS suite, Access and R Software. Her GIS skills include working with and creating geodatabases for various projects. These geodatabases can include a variety of data up to and including historical data, field survey data, sample locations, analytical results, and pertinent geographic feature representation.

In addition, Ms. Lunny is skilled in field work conducting multimedia sampling and monitoring. Prior to joining Tetra Tech, Ms. Lunny completed a M.S. in Ecotoxicology and worked as an environmental scientist.

Education

M.S., Ecotoxicology-School of Environment and Sustainability, Saskatoon, SK, Canada 2019

B.S., Wildlife Habitat Conservation, University of Massachusetts Amherst, MA 2015

Areas of Expertise

Data Analysis and Visualization

Scientific Research and Technical Reporting

Environmental Permitting

Data Management

Key Certifications/Trainings

40 Hour OSHA HAZWOPER 2020

First Aid 2017

Office

Helena, MT

Years of Experience

3

Contact

Phone: 406.594.4459

Ella.lunny@tetratech.com

Relevant Experience

Data Management/ Data Validation

Montana Pole and Treatment Plant (MPTP) Database
Ms. Lunny performs data visualization and management support for the MPTP Superfund Site located in Butte, Montana. MPTP was a former wood treating facility which contaminated soils, groundwater, and nearby Silver Bow Creek with chemicals including pentachlorophenol (PCP) and dioxins. Ms. Lunny conducts data review, query, export and synthesizes quarterly reports. In addition, Ms. Lunny generates Microsoft Excel and Access exports and analyzes trends using data in the MPTP database and R statistical packages.

GIS Analyst, MT Army National Guard - Unexploded Ordnance Survey, 2020, Limestone Hills, MT

Ms. Lunny maintains an ArcGIS Online Mapping system and geodatabase to track grid status and other project data with near real-time updates.

Carpenter-Snow Creek (CSC) NPL Site, 2020, Neihart, Montana

Ms. Lunny performs data management and analysis support for the investigation and remediation of the Carpenter-Snow Creek NPL Superfund Site near Neihart, Montana. Ms. Lunny work includes data review, queries, data export, produces custom reports, generates Microsoft Excel exports, and analyzes trends using data in the CSC database and R statistical packages.

Environmental Monitoring and Investigations

Environmental Scientist, Carpenter-Snow Creek NPL Site, 2018 - Current, Neihart, Montana.

Ms. Lunny is involved in conducting mine-impacted water flow monitoring, sampling of well points, soil sampling, sediment sampling, surface and groundwater sampling, and providing support in data management and data analysis at CSC. Ms. Lunny sampled groundwater wells for site COCs including metals and anions. A peristaltic pump was used to low-flow sample the wells. A YSI multiparameter sonde was used to monitor parameters, and the wells were sampled once the parameters stabilized.

Environmental Scientist, Montana Pole and Treatment Plant (MPTP), MDEQ, Butte, MT, 2020

Ms. Lunny provides technical support including, soil sampling and data management. Soil sampling was conducted to address pentachlorophenol, dioxin, and metal contamination at former pole treatment site and landfill.

GIS Specialist:

GIS Analyst, Multiple projects including CSC, MPTP, Bucyrus Plant, UXO

Ms. Lunny utilizes ARC suite and ARC online by creating and revising surface sweep maps and block/grid maps for the Unexploded Ordnance Survey (UXO) at Limestone Hills, MT and the North Helena Valley. Ms. Lunny creates various data tables and related maps for data management purposes with several projects by querying the database for pertinent information.

Experience Prior to Joining Tetra Tech

Environmental Science Specialist, Department of Natural Resource Conservation, Helena, MT, 2020

As an Environmental Specialist, Ms. Lunny incorporated ecological principles, scientific literature, GIS-based analysis, and sound professional judgment during analysis of industrial development projects. Ms. Lunny specialized in conducting ground, aerial, and desktop GIS analyses by gathering and analyzing data. Ms. Lunny's other responsibilities included utilizing data visualization tools to make clear and concise visual representations of data for developers.

In addition, Ms. Lunny drafted complicated land agreements including ecological restoration and monitoring plans, initial condition reports and term lease grant agreements.

Eco-Toxicologist, U.S. Fish and Wildlife Service, Helena MT, 2019

As a volunteer ecotoxicologist, Ms. Lunny developed sampling and quality assurance programs for superfund sites in Montana. Ms. Lunny wrote vegetation monitoring plans for local contaminated sites. Ms. Lunny conducted basic GIS operations including creating production quality maps and spatial analysis tools using ArcMap and ArcGIS online.

Lead Biological Science Technician, Environment and Climate Change Canada, Saskatoon, SK, Canada, 2017

As a technician, Ms. Lunny sampled wildlife for avian influenza. Work involved collecting biological field samples and organizing and inputting data. Other responsibilities included mass management of data samples, and the preparation, organization and distribution of samples through the synthesis of Chain of Custodies documents.

Teaching Assistant, University of Saskatchewan, SK, Canada, 2017

As a teaching assistant for courses entitled Field Skills in Environment and Sustainability and Biology Principles, Ms. Lunny immersed herself in a field-oriented classroom instructing students in field safety, land surveying, GPS navigation and land management techniques. Ms. Lunny also assisted in drafting conservation and recovery plans and supervision of students in an unfamiliar environment.

Wildlife Technician, Northeast Science Climate Center, Berlin, NH, 2017

Ms. Lunny conducted extensive field work including, triangulation of home ranges, pellet transects surveys, wildlife necropsies. Ms. Lunny's other responsibilities included compiling and summarize large datasets using Microsoft Excel, LOAS software, ArcGIS (to create map and delineate habitats) and DNRGPS software.

Technician, School for Field Studies- Rhotia, Tanzania, 2014

Ms. Lunny conducted independent research investigating the cultural perception of human-wildlife conflict. Her work included a wide range of field sampling techniques such as social surveys, quadrat sampling, line transects and observation surveys. Ms. Lunny used results of this research to inform local government agencies to assist in land management techniques for wildlife and habitat conservation and restoration. During this work, Ms. Lunny conducted over 100 hours of field work in hot, rugged terrain.

Education

Graduate Research, University of Saskatchewan, SK Canada

In pursuit of a M.Sc. in ecotoxicology, Ms. Lunny completed a thesis titled "The Interactive Effects of Incubation Temperature and Organic Contaminants on Shorebird Embryo Development". Her research combined field and laboratory research to determine the possible cumulative effects of multiple stressors on developing bird embryos - specifically persistent organic pollutants and rising temperatures. Ms. Lunny's research included geographic mapping of long-range pollutants, ovo manipulation of toxin exposure and incubation temperature in a controlled environment and analysis of environmental distribution mechanisms associated with toxin exposure. In addition, Ms. Lunny acquired proficiency with tabular and spatial statistical analysis and programming (Access, Excel, R, ArcMap), public presentation at workshops and conferences, and scientific and lay writing skills. Her work entailed over 500 hours in the field in harsh arctic tundra environment, and daily use of helicopters for transportation. The results of this research were presented at the 2019 Alaska Bird Conference in Alaska where Ms. Lunny won a best student presenter award.

Undergraduate Research, University of Massachusetts Amherst, Amherst, MA
As an undergraduate, Ms. Lunny completed undergraduate research in Wildlife Ecology & Conservation. The focus of this degree was on stewardship of healthy and sustainable ecosystems that provide important human and community benefits.

Scientific Tools

Computer software: Microsoft Office Suite, Adobe, R, ESRI ArcGIS Online & ArcPro

Databases: Microsoft Access, Geodatabase in ArcGIS
Surveying and Field Tools: Garmin GPS, ESRI Collector & Survey123

EMPLOYMENT HISTORY

August 2020 – Present: GIS Specialist, Tetra Tech, Inc. Helena, MT

October 2019 – Aug 2020: Environmental Science Specialist, DNRC, Helena, MT

August 2017 – Dec 2018: Teaching Assistant, University of Saskatchewan, SK, Canada

August 2017 – September 2017: Biological Science Technician, University of Saskatchewan, SK, Canada

September 2016 – December 2016: Biological Science Technician, Northeast Science Climate Center, Berlin, NH

May 2016- Oct 2016 Biological Science Technician, Monomoy National Refuge, Chatham, MA

PUBLICATIONS

E. Lunny, M. Eng, K.E.B. Gurney. C. Morrissey. (2020) Incubation Temperature and PCB-126 Exposure Interactively Impair Shorebird Embryo and Post Hatch Development. Environmental Research. DOI: 10.1016/j.envres.2020.109779

E. Lunny, C. Morrissey, K.E.B. Gurney. (In Prep) Variation in Organic Contaminant Profiles and Nest Temperatures Influence Embryonic Development in An Arctic Breeding Shorebird.

E. Lunny, C. Morrissey, K.E.B. Gurney. (2019) The Interactive Effects of Incubation Temperature and Organic Contaminants on Shorebird Embryo Development. Electronic Theses and Dissertations. School of Environment and Sustainability, University of Saskatchewan. http://hdl.handle.net/10388/12323

TETRA TECH

Kathleen Knox
Environmental Scientist

EXPERIENCE SUMMARY

Ms. Knox is an environmental scientist, emergency responder, and project manager with five years of experience. Ms. Knox currently supports multiple clients, including the U.S. EPA, by providing assistance with investigation, remediation, and document review. She provides field support for government and private clients by conducting oversight, air sampling, soil and sediment sampling, surface water and groundwater sampling, among other field activities. She has provided support on numerous projects including activities such as technical report writing, project and task management, environmental field sampling and surveys, project planning, community outreach, and client communication.

RELEVANT EXPERIENCE

Environmental Sampling

Taracorp Industries Site Assessment and Removal Site, US EPA Region 5 Superfund Division, 2018 to Present.
Ms. Knox is the project manager and field lead supporting the US EPA investigation of soil contamination surrounding the Taracorp Industries site. Ms. Knox is responsible for coordination of sampling teams, health and safety, lab procurement, processing and shipment of samples, and data management. As project manager, Ms. Knox is also responsible for cost tracking, monthly reporting, preparing technical reports, and client communication.

Watco Terminal Site Assessment, US EPA Region 5 Superfund Division, 2020 to Present.
Ms. Knox is the project manager and field lead supporting the US EPA investigation of soil contamination surrounding the Watco Terminal Site. Ms. Knox was responsible for coordination of sampling teams, health and safety, lab procurement, processing and shipment of samples, and data management. As project manager, Ms. Knox is responsible for cost tracking, monthly reporting, preparing technical reports, and client communication.

Matthiessen and Hegeler Zinc Removal, US EPA Region 5 Superfund Division, 2018.
Ms. Knox served as onsite field lead for the US EPA removal of contaminated soil at residential properties surrounding the Matthiessen and Hegeler Zinc site. Ms. Knox was responsible for oversight of contractors, health and safety, air monitoring with wireless telemetry (VIPER), air sampling for heavy metals, soil screening with an XRF analyzer, soil sampling, sample processing and shipment, data analysis and management, and client communication.

EDUCATION

B.S., Environmental Science,

B.A., Economics,

Drake University, 2016

AREAS OF EXPERTISE

Field Geology: Soil, Sediment, Groundwater, Surface Water sampling

Environmental Emergency Response

Air Sampling and Monitoring

Wildfire Assessment

Technical Report Writing and Review

Community Involvement

KEY TRAINING/ CERTIFICATIONS

40-Hour OSHA HAZWOPER Training and Annual 8-hour Refresher

Level A Certified

Basic Radiation Training

FEMA ICS 100, 200, 300, 400, 700, 800

CPR/AED First Aid Certified

OFFICE

Chicago, Illinois

YEARS OF EXPERIENCE

5

CONTACT

303-291-8850

Kathleen.knox@tetratech.com

VE Carter School Asbestos Removal, US EPA Region 5 Superfund Division, 2017.
Ms. Knox served as onsite field lead during the EPA response for hazardous waste abandoned at the former school. Waste materials included abandoned containers, mercury, hazardous incinerator ash, contaminated sump water, and friable asbestos. Ms. Knox was responsible for air monitoring with telemetry (VIPER), asbestos air sampling, and photo and written documentation of the site and site activities. Prior to removal, airborne asbestos throughout the school was over four times the OSHA Permissible Exposure Limit, requiring level C PPE for any work within the school.

New Castle Asbestos Removal, US EPA Region 5 Superfund Division, 2017.
New Castle Asbestos Site was a former brake pad manufacturing facility demolished after a fire took place in the main building. The EPA site assessment documented friable and non-friable asbestos containing materials (ACM) comingled with the demolition debris at the site. As onsite field lead, Ms. Knox was responsible for air monitoring with wireless telemetry (VIPER), asbestos air sampling, contractor oversight, health and safety, photo and written documentation, and client communication.

Allied Smelting Site Assessment and Removal, US EPA Region 5 Superfund Division, 2016 to 2017.
Ms. Knox served as project manager and field lead for the EPA site assessment and removal response at the Allied Smelting site. As field lead, Ms. Knox coordinated sampling events and analysis of all soil samples collected. During removal activities, she was responsible for health and safety, conducting oversight of contractors, elevation surveys, air monitoring with telemetry (VIPER), air sampling, and confirmation soil screening with an XRF analyzer. As project manager, Ms. Knox was responsible for preparing technical reports, data management and analysis, cost tracking, monthly reporting, and client communication.

Superfund Technical Assessment & Response Team Contracts (START) program, U.S. Environmental Protection Agency, 2016–Present. Ms. Knox is an Environmental Scientist for field investigations which provide technical support to EPA's site assessment activities and response, prevention, and preparedness activities. Ms. Knox is responsible for providing this support which includes collecting multimedia samples, gathering and analyzing technical information, preparing technical reports, and technical support for cleanup efforts. Projects that Ms. Knox has provided support with include:

- Metals Processing Site – Milwaukee, Wisconsin (Drum/Container sampling, Bulk product sampling, Air monitoring, Photo and Written Documentation)
- Ortek Removal Site – McCook, Illinois (Air monitoring, Photo and Written Documentation)
- Joliet Chemical Fire PRP Oversight – Joliet, Illinois (Air monitoring, Photo and Written Documentation)
- AAA Freight Inc. Site Assessment – Chicago, Illinois (Air Sampling)
- Watco Terminal Site – Chicago, Illinois (Soil Sampling, Written/Electronic Documentation)
- Metals Refining Site – Hammond, Indiana (Soil Sampling, Photo and Written/Electronic Documentation)
- Federated Metals Assessment and Removal – Whiting, Indiana (Soil Sampling, XRF-Analyzer Screening, Air Monitoring and Sampling, Oversight, Photo and Written/Electronic Documentation)
- SH Bell Chicago Soil Sampling – Chicago, Illinois (Soil Sampling, XRF-Analyzer Screening, Photo and Written/Electronic Documentation)
- Niagara LaSalle-Optima Steel Assessment – Hammond, Indiana (Soil Sampling, XRF-Analyzer Screening, Photo and Written Documentation)
- USS Lead Site – East Chicago, Indiana (Indoor dust sampling, Community interviews, Oversight, Elevation Surveys, Air Monitoring and Sampling, Photo and Written/Electronic Documentation)
- Marsden-Black Jack Mine Site, Galena, Illinois (Soil Sampling)
- St. Paul Levee Site Assessment, St. Paul, Minnesota (Soil Sampling, XRF Analyzer Screening, Photo and Written Documentation)

Crawford Power Plant Demolition, City of Chicago Department of Public Health, Chicago, IL, 2020. Ms. Knox conducted air monitoring and sampling and contractor oversight during the demolition of a former power plant in Chicago, Illinois. Ms. Knox served as field team leader and was responsible for real-time particulate dust monitoring and air sampling for asbestos, metals, and PCBs.

Arlington Heights Ford Phase II ESA, Ford Motor Company, Arlington Heights, IL, 2020. Ms. Knox conducted sampling for a Phase II ESA at a Ford Dealership to assess potential soil and groundwater contamination beneath the dealership. Ms. Knox was responsible for logging and collecting soil samples from soil borings and measuring water depth and collecting groundwater samples from temporary monitoring wells.

Ford Stamping Plant, Chicago Heights, IL, 2018 – 2019. Ms. Knox provides environmental support services at the Ford Stamping Plant. Services include operation and maintenance for a light non-aqueous phase liquid recovery pilot study and cleaning of PCB-contamination product.

Loyola Indoor Air Investigation, Loyola University Chicago, Chicago, IL, 2018. Ms. Knox was part of the project team investigating indoor air quality at Loyola University Chicago. Her responsibilities included interviewing faculty and staff to obtain information regarding odor complaints and symptoms and conducting building walkthroughs.

Various Field Support for EPA Superfund Non-Time Critical, Various Locations, US EPA Region 5 Superfund Division, 2016 to present.

- Aircraft Components Groundwater Treatment, Benton Harbor, Michigan (Groundwater Monitoring and Sampling, Surface Water Sampling)
- USS Lead Remedial Action Demolition Oversight, East Chicago, Indiana (Oversight, Photo and Written Documentation)
- Jacobsville Neighborhood Soil Contamination Site, Evansville, Indiana (Air Monitoring, Construction Oversight, Photo and Written Documentation)
- OMC Site, Waukegan, Illinois (Construction Oversight, Photo and Written Documentation)
- USS Smelters, East Chicago, Indiana (Soil Sampling, Photo, Written/Electronic Documentation)
- West Troy Contaminated Aquifer Site, Troy, Ohio (Groundwater Monitoring, Surface Water and Sediment Sampling)

Environmental Emergency Response

Joliet Chemical Fire ER, US EPA Region 5 Superfund Division, 2019.
Ms. Knox was the project manager and served as an emergency responder for the EPA response following a structural fire at MPG Industries chemical facility. The facility manufactured, packaged, and distributed chemicals for a variety of industries, including metalworking, construction, cosmetics, and embalming. Following the fire, MPG Industries notified IEMA of the release of site materials to surrounding drainage areas. As emergency responder, Ms. Knox collected water, soil, and waste samples of areas impacted by site materials and coordinated their delivery to a local analytical laboratory for quick turn-around analysis. Ms. Knox also performed air monitoring for formaldehyde, VOCs, and particulates during removal of burned debris containing formaldehyde from the remaining structure. As project manager, Ms. Knox was responsible for cost tracking, monthly reporting, specialty equipment procurement, and client communication.

Beach Park Ammonia Spill ER, US EPA Region 5 Superfund Division, 2019.
Ms. Knox was the project manager and served as an emergency responder for the EPA response to a spill of anhydrous ammonia in a residential area. Approximately 750 gallons of anhydrous ammonia liquefied compressed gas was released from two trailer mounted 1,000-gallon nurse tanks pulled by a tractor. As

emergency responder, Ms. Knox performed ammonia air monitoring of residential areas and homes with an SPM Flex and perimeter air monitoring during soil excavation with AreaRAEs. Air monitoring data was collected on electronic data forms and compiled on a webviewer. As project manager, Ms. Knox was responsible for cost tracking, monthly reporting, and client communication.

Silver Creek Oil Spill Response, US EPA Region 5 Superfund Division, 2017.
Ms. Knox served as project manager and emergency responder for the EPA response to an oil sheen on Silver Creek. As emergency responder, Ms. Knox provided air monitoring for VOCs and LEL for worker safety during placement of absorbent booms and in the residential area surrounding Silver Creek. Ms. Knox also collected photographic and written documentation of response actions. As project manager, Ms. Knox was responsible for preparing technical reports and deliverables, gathering and analyzing technical information, cost tracking, monthly reporting, and client communication.

Emergency Responder for EPA Superfund Technical Assessment and Response Team (START), Various Locations, US EPA Region 5 Superfund Divisions, 2016 to present

- AB Silicone Emergency Response, Waukegan, Illinois (Air Monitoring, Photo and Written Documentation)
- South Beloit Suspected Sodium Cyanide ER, South Beloit, Illinois (HazCat chemical identification, Photo and Written Documentation)
- Ozinga Tire Fire Emergency Response, Chicago, Illinois (Air Monitoring, Photo and Written Documentation)
- ACM at USS Lead Emergency Response, East Chicago, Illinois (ACM sampling, Photo and Written Documentation)
- U.S. Steel Hexavalent Chrome Release Emergency Response, Portage, Indiana (Water Quality Monitoring, Photo and Written Documentation)
- Biological Actionable Emergency Response, Romeoville, Illinois (Biohazard Sampling, Photo and Written Documentation)
- Mercury Spill at Lincoln Elementary Emergency Response, Green Bay, Wisconsin (Mercury Assessment, Inventory, Photo and Written Documentation)

Emergency Radiation Contamination Response, Stan A. Huber Consultants, Inc., Chicago, Illinois, 2017.
Ms. Knox assisted in an emergency radiation contamination cleanup at a Chicago hospital. Ms. Knox assisted in response activities including surveying floor tiles with a Ludlum 44-9 rad meter for elevated areas of radiation, applying cleaning treatment to floor tiles, and installing protective measures for residual contamination.

Wildfire Assessment

Camp Fire Incident Response, California Governor's Office of Emergency Services, Butte County, California, 2019.
During this response Tetra Tech was responsible for assessing (hazard assessment) and soil sampling over 11,000 parcels of burned area in Butte County, California. Ms. Knox served as the onsite soil environmental unit supervisor. Ms. Knox was responsible for oversight and support for all teams performing confirmation, soil boring, and sub-slab soil sampling. Ms. Knox also led teams and coordinated background soil sampling, staging area sampling, and ash sampling as tasked by CalRecycle and CalOES. As supervisor, Ms. Knox helped develop electronic data capture forms, quality control review and sample processing protocols, and site file organization. On a daily basis, Ms. Knox was responsible for managing up to 80 field staff, 10 quality control and data management staff, and the processing and shipment of up to 1100 soil samples.

Carr Fire Incident Response, California Governor's Office of Emergency Services, Shasta County, California, 2018.
During this response Tetra Tech was responsible for assessing (hazard assessment) over 1000 parcels of burned area in Shasta County, California. Tetra Tech also conducted OSHA personal sampling and air monitoring and sampling during all operations to ensure protectiveness to public health during cleanup operations. Tetra Tech assessed each parcel for radiation, VOCs, lead, asbestos, and debris estimates. Ms. Knox was an onsite field Environmental Unit Supervisor for the Carr Fire Incident. Ms. Knox was responsible for oversight and support for all teams performing air monitoring and sampling at properties during debris removal and designated community air monitoring stations. As supervisor, Ms. Knox was responsible for coordinating the daily processing and shipment of air samples. Ms. Knox also performed initial site assessments and confirmation sampling of properties.

Ventura Fire Incident Response, California Governor's Office of Emergency Services, Ventura County, California, 2018. Ms. Knox conducted site assessments/documentation of residential homes impacted by the Thomas Fire in Ventura, California. A reported 281,893 acres were burned, and 1,343 structures were damaged by the fire. Site assessment activities included radiation, mercury, and VOC screening, locating utilities and potential hazards, recording the site dimensions, photo documentation, and completing a field data sheet which included a site survey sketch. Ms. Knox also conducted community, perimeter, and personal air monitoring to assess the ambient air conditions along the perimeter of sites where removal activities occurred and at designated community air monitoring stations within the community. Ms. Knox used DustTrak II and DRX Aerosol Monitors for particulate air monitoring, high-flow Gilian AirCon 2 and Quick Take30 pumps for perimeter asbestos air sampling, and low-flow Casella and Gilian air pumps for perimeter asbestos and metal air sampling. Ms. Knox was also responsible for the processing and shipment of over 100 air samples daily.

Redwood Valley Fire Incident Response, U.S. Army Corps of Engineers, Mendocino County, California, 2017. Ms. Knox conducted soil sampling for residential properties removed of debris following the Redwood Valley Fire in Mendocino County, California. A reported 36,523 acres were burned, and 588 structures were damaged by the fire. Ms. Knox collected confirmation soil samples following the completion of debris removal to assess the levels of heavy metals in the soil remaining on the property. She also directed and assisted environmental staff in the collection of additional confirmation samples from properties that were rescraped due to metal concentrations above the determined cleanup levels. Ms. Knox was responsible for the sample processing and shipment of soil samples on a daily basis.

Helena Fire Incident Response, California Governor's Office of Emergency Services, Weaverville, California, 2017. Ms. Knox conducted soil sampling for residential properties removed of debris following the Helena Fire in Weaverville, California. A reported 21,846 acres were burned. Ms. Knox conducted perimeter air monitoring to assess the ambient air conditions along the perimeter of sites where removal activities occurred and within the community. Ms. Knox used DustTrak II Aerosol Monitors for particulate air monitoring, high-flow Gilian AirCon 2 for asbestos air sampling, and low-flow Casella Tuff air pumps for asbestos and metal air sampling. Ms. Knox led environmental activities in which she directed and assisted staff in the collection of confirmation soil samples following the completion of debris removal to assess the levels of heavy metals in the soil remaining on the property. She also oversaw the removal of additional soil from properties due to metal concentrations above the determined cleanup levels, issuing unit rate and truck tickets and collecting final confirmation samples, soil borings, and rock samples.

Tubbs Fire Incident Response, U.S. Army Corps of Engineers, Sonoma County, California, 2017. Ms. Knox conducted site assessments of residential homes impacted by the Tubbs Fire in Sonoma County, California. A reported 36,807 acres were burned, and 5,643 structures were damaged by the fire. Site assessment activities

included photo and electronic documentation, locating utilities and potential hazards, recording the site dimensions, and completing a field data sheet which included a site survey sketch.

Detwiler Fire Incident Response, California Governor's Office of Emergency Services, Mariposa, California, 2017. Ms. Knox conducted soil sampling for residential properties removed of debris following the Detwiler Fire in Mariposa, California. A reported 81,826 acres were burned, and 152 structures were damaged by the fire. Ms. Knox collected confirmation soil samples following the completion of debris removal to assess the levels of heavy metals in the soil remaining on the property. She also collected additional confirmation samples, rock samples, and soil borings from properties that were rescraped due to metal concentrations above the determined cleanup levels. Ms. Knox also monitored and documented the placement of erosion control measures and assisted with final closeout documentation for completed properties.

Erskine Fire Incident Response, California Governor's Office of Emergency Services, Lake Isabella, California, 2016. Ms. Knox conducted site assessments/documentation of residential homes impacted by the Erskine Fire in Lake Isabella, California. A reported 48,019 acres were burned, and 309 structures were damaged by the fire. Site assessment activities included photo documentation, air screening using a MultiRAE Pro unit, locating utilities and potential hazards, recording the site dimensions, and completing a field data sheet which included a site survey sketch. Ms. Knox also conducted perimeter and personal air monitoring to assess the ambient air conditions along the perimeter of sites where removal activities occurred and within the community. Ms. Knox used DustTrak II Aerosol Monitors for particulate air monitoring, high-flow Gilian AirCon 2 for perimeter asbestos air sampling, and low-flow Casella Tuff air pumps for perimeter asbestos and metal air sampling. Once removal activities were completed on a site, Ms. Knox would collect confirmation soil samples to assess the levels of heavy metals in the soil remaining on the property.

Environmental Surveys and Assessments

Phase I Environmental Site Assessment, Private Client, Shawnee, Kansas, 2020.
Ms. Knox performed a Phase I ESA of a commercial property in the city of Shawnee to identify environmental issues associated with the properties. She conducted historical document and environmental database reviews and prepared the final report.

Wetland Delineation, Indiana Department of Natural Resources, Gary, Indiana, 2020.
Ms. Knox assisted with the delineation of wetlands within a former industrial area owned by the Indiana Department of Natural Resources. Ms. Knox assisted with identifying hydric soils and hydrophytic vegetation to delineate jurisdictional wetlands and other waters of the U.S. Wetlands and other Waters of the U.S. were mapped using Trimble® software. Ms. Knox also assisted with writing the Wetland Delineation Report.

Phase I Environmental Site Assessment, DR Horton, Mundelein, Illinois, 2020.
Ms. Knox performed a Phase I ESA of a former commercial shopping center owned by DR Horton in the city of Mundelein to identify environmental issues associated with the properties. She conducted a site investigation to document current site conditions and the presence of any potential environmental issues on the site.

Wetland Delineation and Environmental Surveys, Norris City Solar Farm, Saline County, Illinois, 2020.
Ms. Knox assisted with wetland delineations and natural resource area surveys to assess the potential environmental impact of proposed solar farm. Ms. Knox's specific tasks included identifying hydric soils and hydrophytic vegetation to delineate jurisdictional wetlands and other waters of the U.S. Wetlands and other Waters of the U.S. were mapped using ArcGIS® software.

Wetland Delineation and Environmental Surveys, Campbell Solar Farm, Jackson County, Illinois, 2020.
Ms. Knox assisted with wetland delineations and natural resource area surveys to assess the potential environmental impact of a proposed solar farm. Ms. Knox's specific tasks included identifying hydric soils and hydrophytic vegetation to delineate jurisdictional wetlands and other waters of the U.S. Wetlands and other Waters of the U.S. were mapped using ArcGIS® software.

City of Chicago Department of Fleet and Facility Management Environmental Records Review, Chicago, IL, 2019 – 2020.
Ms. Knox served as a Staff Environmental Scientist supporting the review of 70,000+ city environmental records, which included database entry, managing datasets, subcontractor oversight, and providing recommendations for further environmental investigation of problematic sites.

Wetland Delineation, NIPSCO, Gary, Indiana, 2019.
Ms. Knox assisted with the delineation of wetlands along a pipeline route. Ms. Knox assisted with identifying hydric soils and hydrophytic vegetation to delineate jurisdictional wetlands and other waters of the U.S. Wetlands and other Waters of the U.S. were mapped using Trimble® software.

Phase I Environmental Site Assessment, AT&T, Fort Pierce, Florida, 2019.
Ms. Knox performed a Phase I ESA of a commercial properties owned by AT&T in the city of Fort Pierce to identify environmental issues associated with the properties. She conducted historical document and environmental database reviews and prepared the final report.

Bult Fuel Oil Targeted Brownfields Assessment, U.S. EPA, Highland, Indiana, 2018-2019.
Ms. Knox performed a Phase I Environmental Site Assessment (ESA) of a former U.S. EPA Superfund site as part of its requirements under the Targeted Brownfields Assessment program. She conducted the site visit, historical document and environmental database reviews, and prepared the final report. Ms. Knox also prepared the final report for the Phase II assessment and the site visit for the Phase I ESA update.

Bat Habitat Assessment, AA Oil Superfund Site, U.S. EPA, Indianapolis, Indiana, 2018.
Ms. Knox assessed the U.S. EPA AA Oil Superfund Site for potential Indiana bat and northern long-eared bat habitat using the U.S. Fish and Wildlife Service Summer Survey Guidance for assessing Indiana bat habitat. Ms. Knox led pedestrian surveys of trees on site, documenting diameter at breast height, species, and any features indicating suitable roosting habitat. Ms. Knox created a technical report summarizing the findings of the survey that was submitted to USFWS on behalf of US EPA.

Phase I Environmental Site Assessments, Various Clients, Chicago, Illinois, 2017-2018.
Ms. Knox performed Phase I ESAs of commercial properties owned by clients in the city of Chicago and surrounding towns to identify environmental issues associated with the properties. She conducted historical document and environmental database reviews and prepared the final report.

Phase I Environmental Site Assessments, Bank of America, Various Locations, 2016-2017.
Ms. Knox has completed Phase I ESAs for various properties currently owned by Bank of America. Activities included: site investigations, regulatory file review, and report preparation.

Wetland Delineation and Environmental Surveys, Hardin County Windfarm, Alger, Ohio, 2016.
Ms. Knox assisted with wetland delineations and field surveys including raptor nest surveys to assess the potential environmental impact of the proposed windfarm. Ms. Knox's specific tasks included identifying hydric soils and hydrophytic vegetation to delineate jurisdictional wetlands and other waters of the U.S. Wetlands and other Waters of the U.S. were mapped using Trimble® software.

Community Involvement

Ms. Knox provides community involvement support for US EPA Superfund sites. Support includes writing and reviewing fact sheets and plans for the public, assisting with public meetings, door-to-door outreach, community interviews, and distributing public notices and collecting access agreements.

- North Alcoa Site, East St. Louis, Illinois (Door-to-door Outreach, Public Meeting)
- Lusher Street Groundwater Contamination Site, Elkhart, Indiana (Fact Sheet)
- Wolverine Worldwide Site, Rockford, Michigan (Community Involvement Plan)
- Federated Metals Site, Whiting, Indiana (Access Agreement Collection, Public Notice Distribution)
- Ottawa Radiation Site, Ottawa, Illinois (Fact Sheet, Stewardship and Communications Plan)
- SH Bell Site, Chicago, Illinois (Door-to-door Outreach, Access Agreement Collection)
- Niagara LaSalle-Optima Steel Site, Hammond, Indiana (Access Agreement Collection)
- USS Lead Site, East Chicago, Indiana (Door-to-door Outreach, Community Interviews)
- Baustch-Gray Mine Site, Galena, Illinois (Fact Sheet)
- Little Scioto River Site, Marion, Ohio (Fact Sheet)
- East Chicago Waterways Site, East Chicago, Indiana (Fact Sheet)

ADDITIONAL TRAINING/CERTIFICATIONS

40-Hour OSHA 29 CFR 1910.120 HAZWOPER

OSHA 8-Hour Refresher Training

Level A certified

Radiation Safety Training – Basic

ICS Level 100, 200, 300 and 400, NIMS 700 and 800

CPR/AED First Aid Certified

Tetra Tech Project Management 1 and 2

ADDITIONAL EXPERIENCE

ArcGIS, ESRI Survey 123, Collector for ArcGIS, Pro RAE Guardian and Suite, EPA ERT Scribe, ERT VIPER, RS Means CostWorks, Google EarthPro, MS Excel, MS Word, MS Outlook, MS Teams, Adobe Acrobat and Photoshop, Nuance

Delta XRF Analyzer, TSI DustTrak, Gilian AirCon 2, GilAir-3, GilAir-5, Gil-Air Plus, Casella Apex2, QuickTake 30 air sampling pump, TSI 4146 Primary Calibrator, BIOS DryCal Defender 530 and DC Lite, DataRAM, pDR-1000AN, MultiRAE, MultiRAE Benzene, UltraRAE, AreaRAE, SPM Flex, PID monitors, Lumex RA-915+, Jerome Mercury Vapor Analyzer, Ludlum 44-9 and Model 192, YSI Pro Plus, Formaldemeter Htv-M, Trimble Geoexplorer 6000 series

EMPLOYMENT HISTORY

2016 – Present	Environmental Scientist, Tetra Tech, Inc., Chicago, Illinois
2015 – 2016	Environmental Science Intern, Tetra Tech, Inc., Chicago, Illinois
2014	Research Technician, Iowa Department of Natural Resources, Boone, Iowa