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ENGINEERING • ENVIRONMENTAL (ESA I & II)
MATERIALS TESTING • SPECIAL INSPECTIONS
ORGANIC CHEMISTRY

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Smithfield Development

About 400 North 300 East
Smithfield, Utah
CMT Project No. 900068

FOR:
Mr. Jake Williams
Neighborhood Housing Solutions
195 Golf Course Road Suite 1
Logan, Utah 84321

March 10, 2020

EXECUTIVE SUMMARY

CMT Engineering Laboratories has completed a Phase I Environmental Site Assessment for the target property located in Smithfield, Cache County, Utah. This Phase I Environmental Site Assessment was performed in general conformance with the scope and limitations of ASTM Standard E 1527-13. The target property consists of 10 separate parcels with the following Cache County Parcel ID Numbers: 08-044-0030, 08-044-0040, 08-044-0084, 08-044-0035, 08-044-0039, 08-064-0002, 08-044-0034, 08-044-0037, 08-044-0038, 08-044-0033. In total, the parcels comprise approximately 98 acres. The majority of the target property is occupied by open fields. A few mature trees along the edges of the fields and in the northwest portion of the target property were observed. Unimproved roadways and pathways were observed throughout the property. There is a steep, high, west-facing slope on the northwest portion and along the western margin of the south half of the target property. A dry pond was located on the northwest portion of the target property. During the site reconnaissance, about 2-6" of snow blanketed the target property.

Historical uses of the target property include agricultural use. The target property was vacant, undeveloped land prior to 1916. Between 1937 and 1953, unimproved pathways were located throughout the property. The majority of the target property appeared to be utilized for agricultural purposes. A pond was located on the western portion of the target property. A gravel quarry was located to the northwest of the target property. Between 1953 and 1959, a gravel quarry was located to the south of the target property. Since 2016, the target property has remained relatively unchanged.

Our review of current State and Federal environmental databases, engineering control registries, and institutional control registries, and a Radius Map Report prepared by GeoSearch, identified 7 regulated sites or facilities within the required search radii of the target property (Sections 8.1 and 8.2). Based on the nature of the database listing, site/facility conditions, elevation, and/or distance from the target property, none of the identified, regulated sites/facilities appear to represent an REC in relation to the target property at the time of this assessment. Interviews/records requests of government agency/department officials revealed no other known or suspected recognized environmental conditions (RECs), historical recognized conditions (HRECs), or controlled recognized environmental conditions (CRECs) in connection with the target property (Section 9.0).

Based on the observations, research, and interviews conducted while performing this assessment, we did not identify any RECs, HRECs, or CRECs in connection with the Target property or adjacent, surrounding properties.

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- Figure 1: Vicinity Map
- Figure 2: Site Map
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- Appendix A: Site Inspection Checklist / Site Photographs
- Appendix B: Historical Aerials Package / Historical Topographic Maps / FIM Report
- Appendix C: Radius Report
- Appendix D: City Directory Report/Water Well Report/Oil Gas Report/Physical Settings
- Appendix E: Supporting Documentation
- Appendix F: Statement of Qualifications

1.0-INTRODUCTION

CMT Engineering Laboratories was retained by Neighborhood Housing Solutions to conduct a Phase I Environmental Site Assessment (ESA) for the site of the proposed Smithfield Development in Smithfield, Utah. The site will be referred to herein as the target property.

The purpose of the Phase I ESA is to evaluate the conditions on the target property and adjoining properties related to current or historical site uses in order to identify the presence or likely presence of any Recognized Environmental Conditions (RECs) in connection with the property or adjoining properties.

Recognized environmental conditions are defined by the American Society for Testing and Materials' (ASTM) Standard E 1527-13 as "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions inductive of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions"

As defined in the ASTM Standard, a de minimis condition is "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

ASTM Standard E 1527-13 also includes the designation of Controlled REC (CREC). As defined in the ASTM Standard a CREC is "A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

Historical RECs (HRECs) are defined in the ASTM Standard as "A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a

regulatory authority, without subjecting the property to environmental controls. The final decision on whether a past release is an HREC rests with the environmental professional (EP), and will be influenced by the current impact of the past release to the Site.”

The Phase I ESA meets the requirements of the United States Environmental Protection Agency’s (US EPA) Appropriate Inquiries (AAI) Rule (2005) and the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (1980) (Also known as Superfund). Meeting the requirements of the AAI Rule allows for qualification of landowner liability protection (LLP) under the CERCLA Brownfield Amendments (2002). The American Society for Testing and Materials (ASTM) has published the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* as Standard Designation E 1527-13. This standard meets the AAI requirements which became effective on November 6, 2013.

The target property is found at Latitude: 40.849038° N and Longitude: -111.821199° W. The location of the target property is shown on **Figure 1**, below.



FIGURE 1, VICINITY MAP

2.0-OBJECTIVES

2.1 Scope of Work

The purpose of the Phase I Environmental Site Assessment (ESA) is to evaluate the conditions on the target property and adjoining properties related to current or historical site uses in order to identify the presence or likely presence of any Recognized Environmental Conditions (RECs) in connection with the property or adjoining properties. At a minimum, the Phase I ESA typically includes a review of publicly available, reasonably ascertainable, and practically reviewable environmental records and historical data, a reconnaissance of the target property and surrounding properties, interviews with property owners, site managers, and/or occupants, and interviews with pertinent government officials to assess the presence or the potential presence of recognized environmental conditions at the target property.

This Phase I ESA is generally consistent with the current ASTM Standard (ASTM E 1527-13) and industrial accepted standards as defined within the following scope-of-work:

1. Conduct an on-site, non-intrusive/non-analytical reconnaissance of the target property and a limited reconnaissance of adjoining, surrounding properties. The reconnaissance is performed by a qualified and experienced geologist or engineer from CMT Engineering Laboratories.
2. Review and interpret a limited number of historical aerial photographs, historical topographic maps, and, when available, city directories, and historical fire insurance maps that include the location of the target property in order to evaluate historical site usage.
3. Research available geological and hydrological data for the location of the target property and vicinity.
4. Conduct a comprehensive review of the most recent Federal and State environmental databases and control registries relative to the target property and surrounding properties within the ASTM E 1527-13 recommended search radius from the target property. CMT Engineering Laboratories contracts with GeoSearch to conduct searches of Federal and State environmental databases and control registries and to provide a radius map report of the search findings. CMT also performs searches of available State and Federal databases through various State of Utah Department of Environmental Quality (DEQ) and Federal Environmental Protection Agency (EPA)

internet sites. At a minimum, Federal National Priorities Lists (NPL); Target property, 1-mile radius of property, and the following databases and control registries are reviewed:

- Comprehensive Environmental Response Compensation and Liability Index System (CERCLIS) lists; Target property and 0.5-mile radius of property
- Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Treatment, Storage, Disposal facilities (TSD) list; Target property and 1-mile radius of property
- Resource Conservation and Recovery Act (RCRA) non-Corrective Action Report (non-CORRACTS) Treatment, Storage, Disposal facilities (TSD) list; Target property and 0.5-mile radius of property
- Resource Conservation and Recovery Act (RCRA) Generators list; Target property and 0.25-mile radius of property
- Utah Landfill Inventory List; Target property and 0.5-mile radius of property
- Utah Underground Storage Tank (UST) and Above Ground Storage Tank (AST) Sites lists; Target property and 0.25-mile radius
- Utah Leaking Underground Storage Tank (LUST) and Leaking Above Ground Storage Tank (LAST) Sites lists; Target property and 0.5-mile radius of property
- Utah SPILLS (reported petroleum and hazardous materials releases) list; Target property

A number of other databases and control registries are reviewed for the target property and surrounding properties within required search distances as part of the GeoSearch Radius Report. A complete list of the databases and control registries reviewed is included in the GeoSearch Radius Report in **Appendix C**.

5. Conduct an assessment of potential vapor migration/ encroachment at the target property.
6. Conduct interviews of current and/or past property owners, managers, or occupants concerning the present and past site usage, conditions, and events at the target property.
7. Conduct interviews of, or submit information requests to, pertinent government and regulatory officials, agencies, and departments concerning present and past site usage, conditions, and events at the target property and surrounding areas.

8. Provide a summary of the findings of our assessment and any pertinent conclusions and opinions pertaining to our findings.

2.2 Limitations of Assessment

CMT Engineering Laboratories has performed this assessment with the usual care and thoroughness of a consulting professional based on the scope-of-work, limits of time, cost, and publicly available, reasonably ascertainable, and practically reviewable information. We have made no attempt to determine the marketability of the target property or its suitability for any particular use, and such a determination should not be inferred based solely on this report. The information and findings presented in this report is not, and should not be, considered a warranty regarding the presence or non-presence of recognized environmental conditions in connection with the target property.

The presence of RECs in connection with the subject property may warrant additional investigation or studies to better evaluate and classify target property conditions and determine potential environmental liabilities on property owners, occupants, or operators.

The historical information sources researched for this Phase I Environmental Site Assessment revealed the uses of the target property from the present back to 1914 (historical topographic maps). This meets the 1940-minimum research limit per the ASTM Standard E 1527-05 § 8.3.2.

The Phase I ESA does not address the following Non-ASTM E 1527-13 scope items:

- Asbestos-containing building materials
- Lead based paint
- Naturally occurring radon
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historical resources
- Industrial hygiene
- Health and safety
- Ecological resources
- Endangered species
- Indoor air quality
- Biological agents
- Mold
- PCB Light Ballasts
- Environmental Lien Search
- Chain of Title Report

The evaluation of any of the above listed considerations is beyond the scope of this assessment and would require additional assessment by an appropriate, qualified professional.

This assessment has been non-intrusive and non-analytical in nature which is typical of a Phase I Environmental Site Assessment. Therefore, CMT Engineering Laboratories makes no claims relative to surficial or subsurface conditions in relation to the target property or in relation to conditions which would require analytical testing to evaluate. It is understood that a Phase I ESA, such as the one reported herein, does not and cannot eliminate all of the environmental risks and liabilities associated with the target property. This report consists of our professional opinions made in accordance with the procedures and principles as outlined in ASTM E1527-13. This warranty is in lieu of all other warranties either expressed or implied.

2.3 Reliance

A Phase I ESA performed in accordance with ASTM E1527-13 and completed less than 180 days prior to the date of acquisition or date of intended transaction is presumed to be valid. After 180 days, or if additional information becomes known, or if significant, pertinent changes occur to the conditions of the target property, then all or portions of the environmental site assessment may need to be updated prior to the date of acquisition or date of intended transaction. After one year of the date of this report, the assessment should be considered void and should not be relied upon. After one year of the date of this report, a new Environmental Site Assessment of the target property would be required.

This report is prepared for the sole use and benefit of Neighborhood Housing Solutions and its duly-authorized representatives, affiliates, and assigns, and may not be relied upon by any other person or entity without the written authorization (reliance letter) of CMT Engineering Laboratories.

2.4 Commonly Used Acronyms

The Following list contains some of the commonly used acronyms used in this report and supporting documentation. The list is not considered to be all inclusive.

AST	Above Ground Storage Tank
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	CERCLA Information System
CREC	Controlled Recognized Environmental Condition

CWA	Clean Water Act
DERR	Division of Environmental Remediation and Response (UDEQ)
ERNA	Emergency Response Notification System
EWA	Enforceable Written Assurances
FINDS	Facility Index System/Facility Registry System
FIFRA	Federal Insecticide, Fungicide, & Rodenticide Act
FTTS	FIFRA/TSCA Tracking System
HIST FTTS	Historical FTTS
HREC	Historical Recognized Environmental Condition
ICIS	Integrated Compliance Information System
NPDES	National Pollutant Discharge Elimination System
LUST	Leaking Underground Storage Tank
NFA	No Further Action
RCRA	Resource Conservation and Recovery Act
RCRA-CESQG	RCRA Conditionally Exempt Small Quantity Generator
RCRA-NONGEN	RCRA Non-Generator
RCRA-SQG	RCRA Small Quantity Generator
RCRA-LQG	RCRA Large Quantity Generator
RCRA TSDF	RCRA Treatment, Storage and Disposal Facilities
REC	Recognized Environmental Condition
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substance Control Act
UDEQ	Utah Department of Environmental Quality
U.S. EPA	United States Environmental Protection Agency
UST	Underground Storage Tank

3.0-PREVIOUS REPORTS

CMT Engineering was not provided copies of any previous environmental assessment reports for the target property and we are not aware of any such reports.

4.0-SITE DESCRIPTION

4.1 Location

The target property is located at About 400 North 300 East, Smithfield, Utah. The location of the target property is shown on **Figure 1**. The target property consists of 10 separate parcels with the following Cache County Parcel ID Numbers: 08-044-0030, 08-044-0040, 08-044-0084, 08-044-0035, 08-044-0039, 08-064-0002, 08-044-0034, 08-044-0037, 08-044-0038, 08-044-0033. In total, the parcels comprise approximately 98 acres. The approximate boundaries of the entire target property are shown on **Figure 2** on the following page.

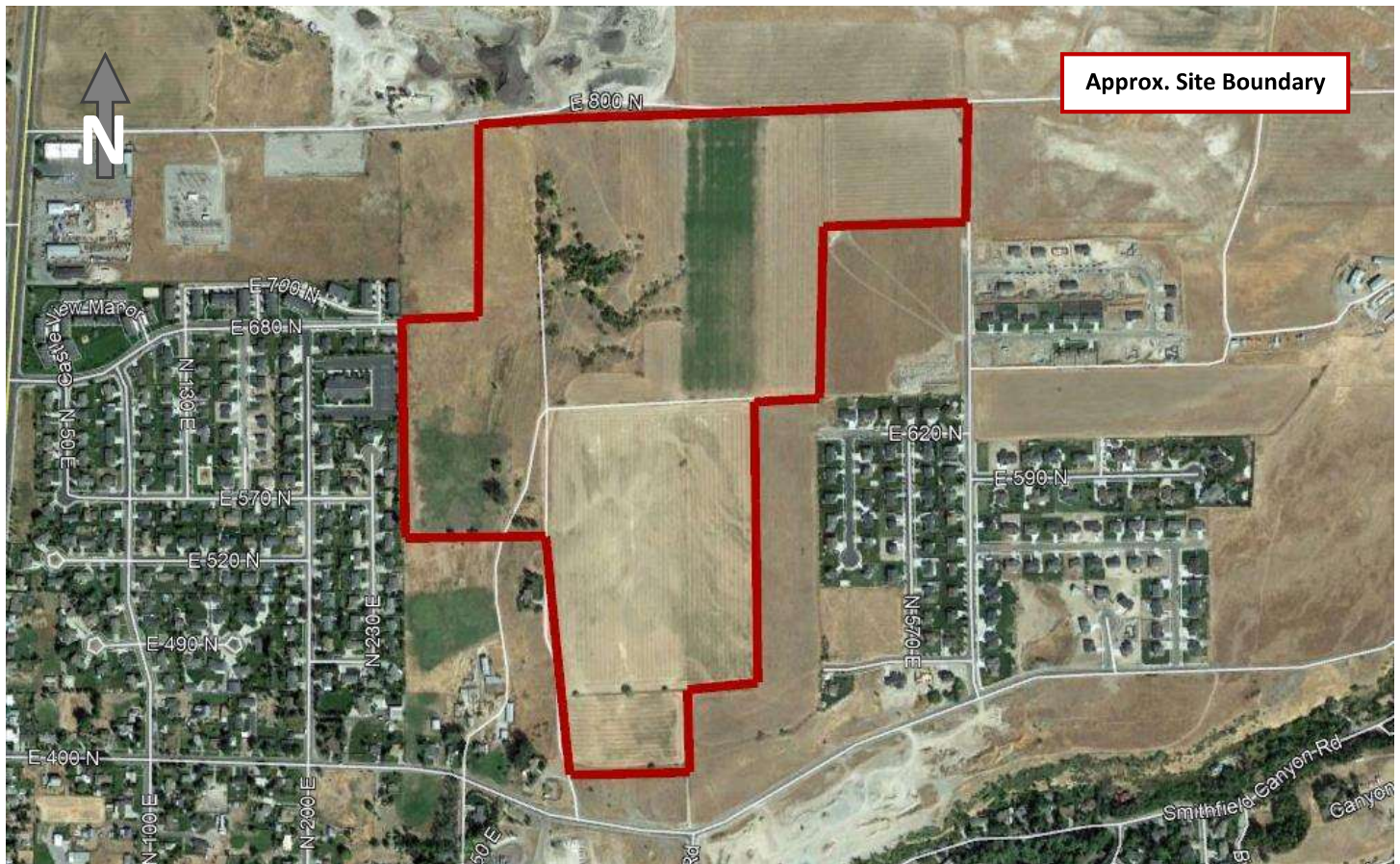


FIGURE 2, SITE MAP

4.3 Current Property Use

The majority of the target property is occupied by open agricultural fields. A few mature trees along the edges of the fields and in the north west portion of the target property were observed. Unimproved roadways and pathways were observed throughout the property. There is a steep, high, west facing slope on the northwest portion and along the western margin of the south half of the target property. A dry pond was located on the northwest portion of the target property. During the site reconnaissance, about 2-6" of snow blanketed the target property. Several photographs of the target property and adjacent areas are included in **Appendix A**.

4.4 Structural Description

No structures were observed on the target property.

4.5 Neighboring Properties

The current uses of the surrounding, adjacent properties is as follows:

North: 800 North Street followed by a gravel pit and concrete batch plant.

East: Vacant, undeveloped land along with newly constructed residential subdivisions.

South: Vacant, undeveloped land along with a city water tank, 400 North Street, and a gravel pit.

West: Vacant, undeveloped land, single-family residential subdivision, a church house, out-buildings.

5.0-SITE RECONNAISSANCE

5.1 Methodology

A reconnaissance of the target property and adjacent, surrounding properties was conducted on March 6, 2020. The weather conditions at the time of the reconnaissance were mostly clear with a temperature of approximately 50 degrees (F). The purpose of the reconnaissance was to visually observe the target property and adjacent properties for evidence of potential or actual recognized environmental conditions (RECs). The reconnaissance was non-intrusive and non-analytical in nature. A summary of the observed conditions on the target property and adjacent, surrounding properties was documented in an inspection checklist which is included in **Appendix A**.

5.2 Observations

5.2.1 Proposed Construction and Materials

It is anticipated that future construction on the target property will be of typical wood or steel-frame construction with concrete foundations and asphalt-paved road ways and parking areas along with landscaped yards and open space.

5.2.2 Utilities

It is anticipated that the future development on the property will be serviced by typical municipal and private utilities. Overhead power lines currently bisect the target property from east to west. Additionally, overhead power lines were observed along the northern and western boundaries of the target property.

5.2.3 Hazardous Substances and Petroleum Products

During the site reconnaissance, farm debris, 2 refrigerators, a TV, tires, a dryer, a washing machine, a lawn mower, and old farm equipment (no tanks), scrap wood, scrap metal, and other miscellaneous debris were observed in a ravine on the northwest portion of the target property. The areas around the debris appeared to be clean and free of staining as much as could be observed below snow cover. Therefore, the risk of environmental impairment is considered low. No other hazardous substances or petroleum products were observed on the target property.

5.2.4 Staining

No staining was observed on the target property during the site reconnaissance.

5.2.5 Storage Tanks

No evidence of an underground storage tank (UST) or an above ground storage tank (AST) was observed during the site reconnaissance or within the Utah Department of Environmental Quality's (UDEQ) interactive UST data map. See Section 8.1, On-Site Environmental Conditions, for more details.

5.2.6 Asbestos Containing Materials (ACMs)

No structures that could contain ACMs were observed on the target property.

5.2.7 Odors

No unusual odors that could be attributed to hazardous substances or petroleum products were encountered at the target property.

5.2.8 Pools, drains, or Sumps

No pools, drains, or sumps were observed on or adjacent to the target property.

5.2.9 Unidentified Substance Containers

No unidentified containers of any type were observed on or adjacent to the target property.

5.2.10 Polychlorinated Biphenyls (PCBs)

No potential sources that could contain PCBs were observed on or adjacent to the target property.

5.2.11 Pits, Ponds, or Lagoons

A dried pond was observed on the northwestern portion of the target property.

5.2.12 Stressed Vegetation

No stressed vegetation was observed on or adjacent to the target property.

5.2.13 Solid Waste

During the site reconnaissance, farm debris, 2 refrigerators, a TV, tires, a dryer, a washing machine, a lawn mower, and old farm equipment (no tanks), scrap wood, scrap metal, and other miscellaneous debris were observed in a ravine on the northwest portion of the target property. The areas around the debris appeared to be clean and free of staining and these conditions do not represent a REC.

5.2.14 Water Wells and Water Service

Acronym	Search Radius (miles)	TP/AP	1/8 Mile (>TP/AP)	1/4 Mile (>1/8)	1/2 Mile (>1/4)	1 Mile (>1/2)	>1 Mile	Total
Federal USGS Wells	0.5000	0	0	0	1	NS	NS	1
Water Wells	0.5000	0	0	2	9	0	0	11
Total		0	0	2	10	0	0	12

NS = Not Searched

TP/AP = Target Property/Adjacent Property

The GeoPlus Water Well Report is included in **Appendix D**.

5.2.15 Oil and Gas Wells

Acronym	Search Radius (miles)	TP/AP	1/8 Mile (>TP/AP)	1/4 Mile (>1/8)	1/2 Mile (>1/4)	1 Mile (>1/2)	>1 Mile	Total
Oil and Gas Wells	0.5000	0	0	0	0	NS	NS	0
Total		0	0	0	0	0	0	0

NS = Not Searched

TP/AP = Target Property/Adjacent Property

The GeoPlus Oil and Gas Report is included in **Appendix D**.

5.2.16 Septic Systems

No evidence of a septic system was observed on the property.

6.0-PAST SITE LAND USE

The history of the target property has been assessed by reviewing a limited number of historic aerial photographs, historical topographic maps, historic city directories, Sanborn Fire Insurance Maps, and a review of Cache County Parcel assessor's maps where available.

6.1 Property Information

The target property is comprised of 10 parcels. The parcel information below was identified on the Cache County parcel assessor's website:

PARCEL NO	ADDRESS	ACRES	OWNER
08-044-0030	NULL	13.92	MARC PETERSON
08-044-0040	NULL	5	MARC PETERSON
08-044-0084	NULL	6.69	BRIAN K & DIANA T PETERSON
08-044-0035	NULL	6.25	BRIAN K & DIANA T PETERSON
08-044-0039	NULL	5	BRIAN K & DIANA T PETERSON
08-064-0002	NULL	5.24	BRIAN K & DIANA T PETERSON
08-044-0034	NULL	11.59	DWIGHT A PETERSON
08-044-0037	NULL	9.75	HILLYARD FAMILY LLC
08-044-0038	NULL	10.12	HILLYARD FARMS LLC
08-044-0033	NULL	30	HILLYARD FARMS LLC

6.2 Fire Insurance Maps

A Fire Insurance Map Report prepared by GeoSearch indicates that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information. Sanborn fire insurance maps were typically produced from the late 1800s to the 1950s and, in some areas, more recently. When no mapping is available for a location, it typically indicates that the location had sparse to no development at the time the mapping was completed. The target property is an unmapped property. A copy of the Fire Insurance Map Report prepared by GeoSearch is included in **Appendix B**.

6.3 Aerial Photographs

An aerial photo decade package was provided by GeoSearch. The following historical aerial photograph years that include the location of the target property were reviewed: 1937, 1953, 1959, 1966, 1970, 1976, 1981, 1987, 1993, 1999, 2003, 2004, 2006, 2009, 2011, 2014, and 2016. Our observations and interpretations of the photographs are summarized below:

- 1937:** The aerial indicates that the target property was vacant, undeveloped land. Some mature trees were located on the northwestern portion of the Target Property. Residential development to the southwest had been constructed.
- 1953:** The aerial indicates that unimproved pathways were located throughout the property. The majority of the target property appeared to be utilized for agricultural purposes. A pond was located on the western portion of the target property. A gravel quarry was located to the northwest of the target property.
- 1959:** The aerial indicates that a gravel quarry was located to the south of the target property.
- 1966:** The aerial indicates relatively no change from the previous imagery.
- 1970:** The aerial indicates the gravel quarry to the northwest extended to the east.
- 1976:** The aerial indicates relatively no change from the previous imagery.
- 1981:** The aerial indicates that a single-family residential structure to the west had been constructed.
- 1987:** The aerial indicates relatively no change from the previous imagery.
- 1993:** The aerial indicates that the pond on the western portion of the target property appeared to be dried up.
- 1999:** The aerial indicates that the pond had water in it.
- 2003:** The aerial indicates that the residential development to the southwest had developed to the north near the western portion of the target property.
- 2004:** The aerial indicates relatively no change from the previous imagery.
- 2006:** The aerial indicates relatively no change from the previous imagery.
- 2009:** The aerial indicates additional single-family residential development had been constructed to the west and to the east of the target property. The gravel quarry to the south had expanded to its east.
- 2011:** The aerial indicates additional single-family residential development had been constructed to the west and to the east of the target property.
- 2014:** The aerial indicates additional single-family residential development had been constructed to the west and to the east of the target property.
- 2016:** The aerial indicates additional single-family residential development had been constructed to the west and to the east of the target property. Since 2016, additional residential development to the east has begun construction.

The GeoSearch Historical Aerials Package reviewed for this assessment is included in **Appendix B**.

6.4 Topographic Maps

CMT Engineering Laboratories reviewed and interpreted readily available historical topographic maps that include the location of the target property and surrounding areas. The maps reviewed include the U.S. Geological Survey, “Logan, Utah” and “Smithfield, Utah” 7.5 Minute Topographic Maps dated 1914, 1916, 1964, 1986, 1998, and 2014.

A summary of the observations of the reviewed maps is provided below.

1914: The map indicates that that the target property was vacant, undeveloped land. Development to the southwest had been constructed.

1916: The map indicates relatively no change from the previous map.

1964: The map indicates that a gravel pit to the north and to the south had been developed. A pond was located on the western portion of the target property.

1986: The map indicates relatively no change from the previous map.

1998: The map indicates relatively no change from the previous map.

2014: The map indicates that residential development to the west and east were constructed.

The GeoSearch Historical Topographic Maps reviewed for this assessment are included in **Appendix B**.

6.5 City Directories

A search was made by GeoSearch in the City Directories for the site and surrounding vicinity. No listings for the site address were identified within the City Directories. A copy of the City Directories Report prepared by GeoSearch is included in **Appendix D**.

7.0-GEOLOGIC AND HYDROLOGIC EVALUATION

7.1 Subsurface

The target property is located in the east-central portion of Cache Valley in northern Utah. The site sits at an elevation of between approximately 4,675 and 4,845 feet above sea level. The Cache Valley is a deep, sediment-filled basin that is part of the Middle Rocky Mountain Physiographic Province. The valley is bordered by the Bear River Range on the east and the Wellsville Mountains on the west. The valley is located within the Intermountain Seismic Belt, a zone of ongoing tectonism and seismic activity extending from southwestern Montana to southwestern Utah. The Cache Valley is a fault-block valley (Graben) structurally bound on the east by the west-dipping East Cache Fault Zone and on the west by the east-dipping West Cache Fault Zone. Tectonic

displacement along these faults has resulted in the relative down-drop of the valley in relation to the uplift of the bounding mountain ranges (horsts) on the east and west.

Much of northwestern Utah, including the Cache Valley, was also previously covered by the Pleistocene age Lake Bonneville. The Great Salt Lake, located to the southwest of the valley, is a remnant of this ancient fresh water lake. Lake Bonneville reached a high-stand elevation of between approximately 5,160 and 5,200 feet above sea level at between 18,500 and 17,400 years ago. Approximately 17,400 years ago, the lake breached its basin in southeastern Idaho and dropped relatively fast, by almost 300 feet, as water drained into the Snake River. Following this catastrophic release, the lake level continued to drop slowly over time, primarily driven by drier climatic conditions, until reaching the current level of the Great Salt Lake. Shoreline terraces formed at the high-stand elevation of the lake and several subsequent lower lake levels are visible in places on the mountain slopes surrounding the valley. Much of the sediment within the Cache Valley was deposited as lacustrine sediments during both the transgressive (rise) and regressive (fall) phases of Lake Bonneville. These sediments were deposited over thick sequences of older Quaternary and Tertiary age, pre-Lake Bonneville deposits within the valley.

The geology of the USGS Smithfield, Utah 7.5 Minute Quadrangle, that includes the location of the target property, has been mapped by Lowe and Galloway (1993). The surficial geology underlying most of the site is mapped as “Deltaic deposits” (Map Unit Qd₃) dated as upper Pleistocene. On the northwest margin of the property the geology is mapped as “Lacustrine offshore deposits” (Map Unit Qlf₃/Qlf₄) dated as upper Pleistocene. On the northwestern portion of the site Unit Qlf₃/Qlf₄ is overlain by “Alluvial-fan deposits” (Unit Qaf₁) dated as Holocene that have been deposited at the mouths of several small ravines on the site. Unit Qd₃ is described in the referenced mapping as “Cobbles to fine sand deposited when Lake Bonneville stood at the Provo Shoreline.” Unit Qlf₃/Qlf₄ is described in the mapping as fine sand, silt, and clay deposited when Lake Bonneville stood at the Bonneville (4) and Provo (3) shorelines.” Unit Qaf₁ is described as “Boulders to clay” on the referenced map. The surficial geology and general topography of the target property and surrounding area is shown on **Figure 3** below.

8.0-FEDERAL AND STATE DATABASE REVIEW

Current Federal and State environmental databases, engineering control registries, and institutional control registries, including: NPL, CERCLIS, RCRA, LUST, UST, and Utah Landfill Inventory, were reviewed in order to assess potential environmental liabilities associated with the target property and/or properties within a specified search radius. For a comprehensive summary of findings refer to GeoSearch Radius Report in **Appendix C**. Detailed explanations of the databases and control registries searched are also included in the Radius Report. In addition to the GeoSearch Radius Report, CMT Engineering conducted a search of available Utah DEQ databases through their internet web site.

The following sections list the mapped, regulated sites/facilities that were found during the search of available (“reasonably ascertainable”) environmental and control registry records either on the target property or within the required ASTM E1527-13 search radius from the target property.

8.1 On-Site Environmental Conditions

No regulated sites or facilities were identified within the boundary of the target property.

8.2 Off-Site Environmental Conditions

The table below lists the regulated sites or facilities that were identified within the required search radii of the target property.

ACRONYM	FACILITY	STREET	DISTANCE (miles)	DIRECTION	REC
USMRDS	UT. DEPT OF HIGHWAYS PIT NO. 03011	CACHE COUNTY	0.075	NW	NO
USMRDS	UTAH HIGHWAY DEPT NO 3011	CACHE COUNTY	0.075	NW	NO
USMRDS	UT. DEPT. OF HIGHWAYS PIT NO 03012	CACHE COUNTY	0.143	SOUTH	NO
USMRDS	UTAH HIGHWAY DEPT NO 3012	CACHE COUNTY	0.143	SOUTH	NO
UTLUST	UTAH POWER & LIGHT COMPANY	780 N MAIN ST	0.343	WNW	NO

ORPHAN SITE

DATABASE ACRONYM	FACILITY	STREET	DISTANCE (miles)	DIRECTION	REC
ECHOR08	NIXON SMITHFIELD GRAVEL PIT	1000 NORTH 700 EAST	ADJACENT	NORTH	NO
FRSUT	NIXON SMITHFIELD GRAVEL PIT	1000 NORTH 700 EAST	ADJACENT	NORTH	NO

Several of the more pertinent sites listed in the above table are discussed in greater detail below.

8.2.1 Mineral Resource Data System (MRDS)

The MRDS database is searched within a one-quarter mile radius of the site. The MRDS database lists facilities that have sand and gravel mining activities. The MRDS sites listed in the quarter mile radius of the site are non-metallic and are currently active. No violations for the MRDS sites listed in the table above have been reported.

8.2.2 Underground Storage Tank Sites

Site Name: Utah Power & Light Company

Site Address: 780 North Main Street

Distance from Target Property: Approx. 1,811 feet West/Northwest

Relative Elevation: Lower

Gradient: Down-gradient

REC: No

Environmental Database: UST, LUST – The site contained 5 USTs which have been closed and removed from the ground. A release was reported April 10, 1990. A closure was accepted for the LUST on October 19, 1995. The Utah Power & Light Company site is not anticipated to pose an environmental risk to the target property based on its distance, down-gradient location, and closure status. A No Further Action Letter is included in **Appendix E**.

8.2.3 Vapor Migration

No sites/facilities that could pose a significant risk of subsurface vapor migration and related building vapor encroachment at the target property were found in our search of the referenced databases and control registries.

9.0-INTERVIEWS

9.1 Owners

The current owners of the target property, nor their representatives, responded to an interview questionnaire within the timeframe of this assessment. If a response is received after this Phase I ESA is submitted which changes the conclusion of this report, an addendum will be submitted.

9.2 Government Agencies and Officials

The Smithfield City Fire, Health, and Planning Departments responded to a records request on March 2, 2020. The city did not report any records of recognized environmental conditions or potential environmentally detrimental events on or in the immediate vicinity of the target property. No reports for hazardous materials, USTs, ASTs, fire code violations, or spills for the target property were recorded.

9.3 Others Familiar with the Target Property

No other individuals or entities familiar with the target property were interviewed at the time of this assessment.

10.0-DATA GAPS

The current owners of the target property, nor their representatives, responded to an interview questionnaire within the timeframe of this assessment. If a response is received after this Phase I ESA is submitted which changes the conclusion of this report, an addendum will be submitted.

No other significant data gaps that would alter the findings and conclusions of this report were encountered.

11.0-FINDINGS

Based on the observations, research, and interviews conducted while performing this Phase I Environmental Site Assessment for the target property, no RECs, HRECs, or CRECs as defined by ASTM Standard E 1527-13 were identified in connection with the target property or adjacent, surrounding properties. No current Land Use Covenants (LUCs) and associated Activity and Use Limitations (AULs) associated with the target property or surrounding properties were identified at the time of this assessment. No known sources of potential vapor migration or intrusion at the target property were identified in this assessment.

12.0-CONCLUSIONS

CMT Engineering has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Standard E 1527-13 for the target property. This assessment did not identify any RECs, HRECs, or CRECs in connection with the Target property or adjacent, surrounding properties.

13.0-STATEMENT OF QUALIFICATIONS

The reviews of state and federal environmental regulatory agency records (institution and engineering control registries), and available historical records, completed for this study were conducted by a qualified member of our engineering staff. The interviews/records requests of property owners/managers, government officials, and other pertinent individuals were conducted by a qualified member of our engineering staff. The qualifications of the environmental professional(s) who conducted this assessment are presented in **Appendix F**.

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

14.0-GENERAL INFORMATION AND CONDITIONS

The Phase I Environmental Assessment provided by CMT Engineering for the target property was performed in accordance with presently accepted practices of the engineering consulting profession in this area. The degree of care exercised in preparing this report is consistent with other local consulting firms. Our findings and conclusions are not presented as scientific certainties, but rather as professional opinions based on the limited data obtained during this study. Changes in the conditions of the target property and surrounding properties can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards and regulations may occur, whether the result of legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated wholly or partially by changes beyond our control. The information obtained from the record research and the interviews pertaining to the target property is considered to be reliable. However, CMT Engineering does not warrant or guarantee that the information provided by referenced sources is accurate and/or complete.

15.0-CLOSURE

We appreciate the opportunity to be of service to you on this project. If you have any questions, please call.

CMT Engineering Laboratories



Lindsey Bradshaw
Environmental Technician



Mark C. Larsen, P.G.
Engineering Geologist

16.0-REFERENCES

Cache County Parcel and Zoning Viewer: <http://66.232.67.238/Websites/Parcel%20and%20Zoning%20Viewer/>

Lowe, M. and Galloway, C.L., 1993, Provisional Geologic Map of the Smithfield Quadrangle, Cache County, Utah; Utah Geological Survey Map 143, Scale 1:24,000.

Utah Department of Environmental Quality internet site: <http://www.deq.utah.gov/>.

Historical Aerials Package, Radius Report, Oil and Gas Report, Physical Setting Report, Water Well Report, Fire Insurance Map Report, City Directories Report, and Historical Topographic Maps Report

Prepared By: GeoSearch

PO Box 60789

Colorado Springs, CO 80960

Toll Free: 866-962-7772

www.geosearch.com

APPENDIX A

SITE INSPECTION
CHECKLIST
SITE PHOTOGRAPHS



CMT Phase I ESA Inspection Checklist

SITE DATA

Site Name: Smithfield Dev. Site # _____ CMT Job # 900068

Property Address: Between 400 N. & 800 N. at ~ 300 E.

City: Smithfield County: Cache State: UT Zip: 84335

Date of Inspection: 3/6/20 Prepared For: Neighborhood Housing Solutions

Environmental Inspector: ML.

PROPERTY DESCRIPTION AND USE

Owner: Multiple Phone Number: _____

Address: _____

Contact: _____ Phone Number: _____

Occupant: _____ Phone Number: _____

Site Description: Majority is open fields - Alfalfa?
a ~~few~~ few trees along edges of fields and in patches
on N.W. portion of site. There is a steep
high, west-facing slope on N.W. portion of site and
along N. margin of S. half of site.

Current Property Use: Agricultural - alfalfa?

Past Property Use: Agricultural

SITE INSPECTION - NEIGHBORING PROPERTIES

Date: 3/6/20 Subject Property: Smithfield Dev.

NORTH Name: 800 N. Street, Gravel Pit & Conc. Batch Plant
Address: _____
Description: _____
Observed usage: Residential Commercial Industrial Vacant
Observed hazards: None

EAST Name: Open fields & Newer Res. Subdivisions
Address: _____
Description: _____
Observed usage: Residential Commercial Industrial Vacant
Observed hazards: None

SOUTH Name: Open fields, City Water Tank, 400 N. Street
Address: _____
Description: _____
Observed usage: Residential Commercial Industrial Vacant
Observed hazards: None

WEST Name: Open fields, subdivisions, church, farm bldgs.,
single houses.
Address: _____
Description: _____
Observed usage: Residential Commercial Industrial Vacant
Observed hazards: None

Site Name: Smithfield Prop.

GENERAL FIELD OBSERVATIONS

Under Ground Storage Tanks: Yes No Unknown / Interior Exterior

Oily Sheens on Water: Yes No Unknown / Interior Exterior

Discarded Batteries: Yes No Unknown / Interior Exterior

Surface Water: Yes No Unknown / Interior Exterior

Solid Waste: Yes No Unknown / Interior Exterior
see page 8

Transformers: Yes No Unknown / Interior Exterior

Drums/Containers: Yes No Unknown / Interior Exterior

Odors: Yes No Unknown / Interior Exterior

Site Name: Smithfield Dev.

GENERAL FIELD OBSERVATIONS CONTINUED

Above Ground Storage Tanks: Yes No Unknown / Interior Exterior

Wells: Yes No Unknown / Interior Exterior
None observed

Floor Drains and Floor Slumps: Yes No Unknown / Interior Exterior
No structures

Urea Formaldehyde Insulation: Yes No Unknown / Interior Exterior
No structures

Lead Paint: Yes No Unknown / Interior Exterior
No structures

Stained Soil/Pavement: Yes No Unknown / Interior Exterior
None

Stressed Vegetation: Yes No Unknown / Interior Exterior

Pits/Ponds/Lagoons: Yes No Unknown / Interior Exterior
Pond on N.W. of site at base of slope - empty -

Site Name: Smithfield Ave.

GENERAL FIELD OBSERVATIONS CONTINUED

Radon: Yes No Unknown / Interior Exterior

Stains or Corrosion (floors, walls, ceiling): Yes No Unknown / Interior Exterior
No structures

Heating/Cooling (gas, electric, etc): Yes No Unknown / Interior Exterior
No structures

Comments: _____

PREVIOUS ENVIRONMENTAL ACTIVITY

Environmental Documentation: — Solid Waste Disposal —
Environmental Site Assessment — Hazardous Waste Disposal —
Environmental Audit — Waste Water (NPDES) —
Permits —

Comments: _____

CHEMICAL, GAS & MINERAL INSPECTION

UREA FORMALDEHYDE FOAM INSULATION UFFI

Yes No Unknown

- Was any evidence of formaldehyde Foam Insulation observed on the property?

LEAD PAINT

Yes No Unknown

- Was any visible evidence peeling, cracking or flaking paint observed?
- Was any visible evidence of lead paint on the ceilings, walls or floors of any structures observed on the property?

PESTICIDES | HERBICIDES

Yes No

- Does it appear pesticides or herbicides have been used in excess of normal household use?
- Is the property used for agricultural purpose? *Alfalfa*
- Are there any noticeable pesticide odors?

POLYCHLORINATED BIPHENYL (PCBs)

Yes No

- Were any transformers, electrical devices or hydraulic equipment observed on the property labeled as containing PCB's?
- Was there evidence of PCB contamination to the soil or groundwater observed on the property?
- Were there any fluorescent lights ballasts labeled as containing PCB's observed?

RADON

Yes No Unknown

- Is there reason to suspect that radon may be a problem in the dwelling or the immediate property's locality?
- Has radon screening been conducted which indicates that the property may have elevated levels of radon?

Name: Mark Larsen, P.G.

Signature: *Mark Larsen*

Date: 3/6/20

SITE INSPECTION - SKETCHES - INTERIOR

Site Name: Smithfield Ave.

No Structures

SITE INSPECTION - SKETCHES - EXTERIOR

Site Name: Smithfield Dev.



1- Pond - no water

2 - Garbage in ravine - 2 refrigerators, TV, Tires,
Dryer, washing Mach, lawn mower,
old farm equipment - (no ^{fuel}tanks), scrap wood, scrap metal,
misc debris.

No visible REC's.

~~3~~

3 - House - off ~~the~~ site

4 - Concrete Batch Plant - off site

5 - Gravel Pit - stockpiles - off-site



Photo 1 View of the northwest portion of the target property, looking south.



Photo 2 View of the northeast portion of the target property, looking east-southeast.



Photo 3 View of the north-central portion of the target property, looking south.



Photo 4 Ravines eroded into the slope on the northwest portion of the target property, looking southwest.



Photo 5 View of the south-central portion of the target property, looking south.



Photo 6 View of the southern portion of the target property, looking northwest.



Photo 7 View of the southern and southeastern portions of the target property, looking north.



Photo 8 Miscellaneous, non-hazardous garbage and debris in a ravine on the northwest portion of the target property, looking southwest.



Photo 9 Additional, miscellaneous, non-hazardous garbage and debris in a ravine on the northwest portion of the target property, looking west.

APPENDIX B

HISTORICAL AERIALS PACKAGE
HISTORICAL TOPOGRAPHIC MAPS
FIM REPORT

Historical Aerial Photographs

[NEW: GeoLens by Geosearch](#)

Target Property:

***Smithfield Development
About 400 North 300 East
Smithfield, Cache, Utah 84335***

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Job #: 341510

Project #: Smithfield Development FS

Date: 3/4/2020

Target Property Summary

Smithfield Development

About 400 North 300 East

Smithfield, Cache, Utah 84335

USGS Quadrangle: **Smithfield**

Target Property Geometry: **Area**

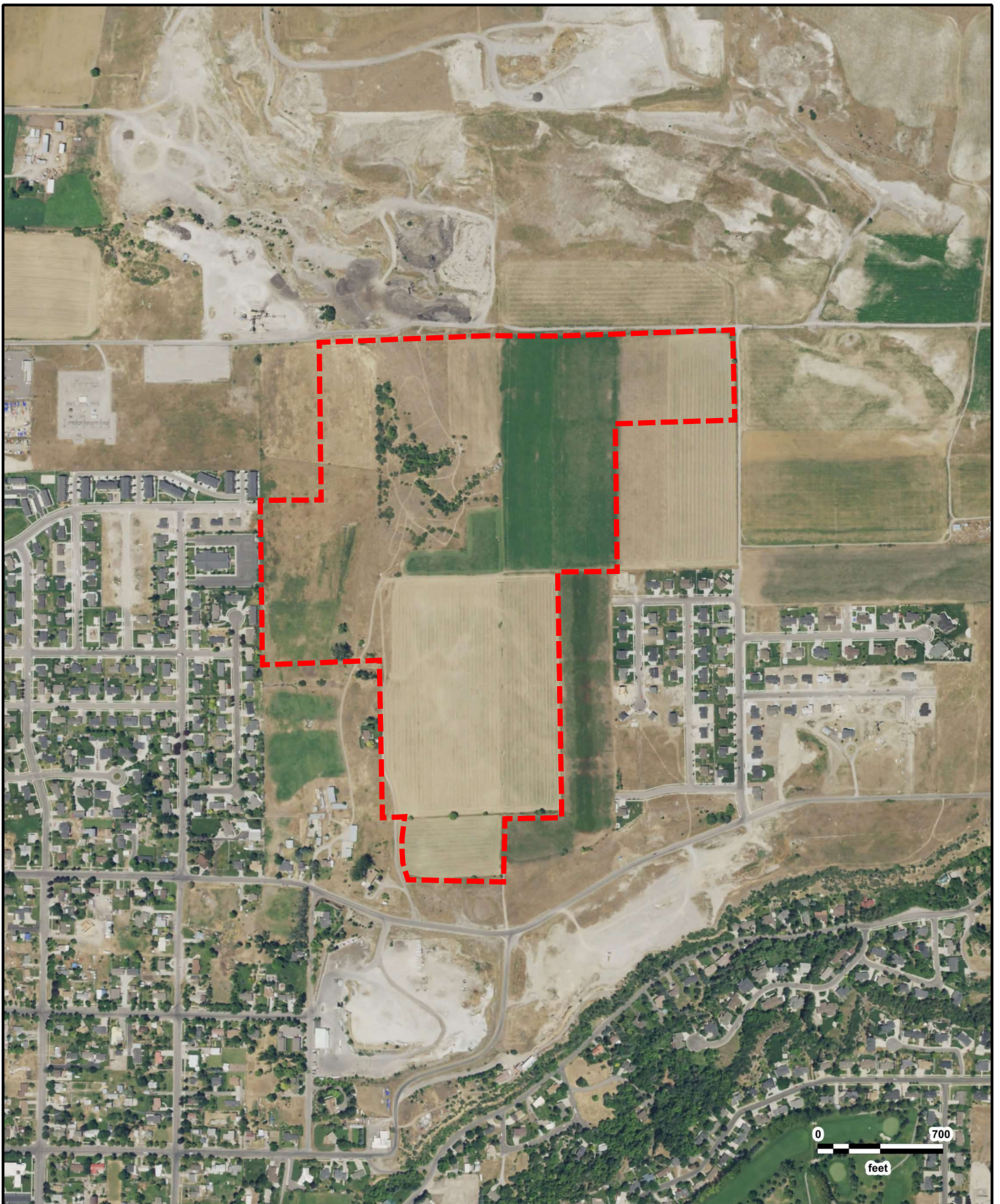
Target Property Longitude(s)/Latitude(s):

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(-111.825172144, 41.848071986), (-111.825215060, 41.850597436), (-111.823970515, 41.850605428)

Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
2016	USDA	1" = 700'	N/A
2014	USDA	1" = 700'	N/A
2011	USDA	1" = 700'	N/A
2009	USDA	1" = 700'	N/A
2006	USDA	1" = 700'	N/A
2004	USDA	1" = 700'	N/A
2003	USDA	1" = 700'	N/A
09/05/1999	USGS	1" = 700'	N/A
09/08/1993	USGS	1" = 700'	N/A
07/24/1987	USGS	1" = 1320'	305-126
08/04/1981	USGS	1" = 700'	107-98
08/27/1976	USGS	1" = 700'	2-5
1970	UGS	1" = 700'	6-70
05/01/1966	ASCS	1" = 700'	2-120
07/28/1959	USGS	1" = 700'	1-85
06/03/1953	AMS	1" = 700'	141
1937	ASCS	1" = 1320'	U9

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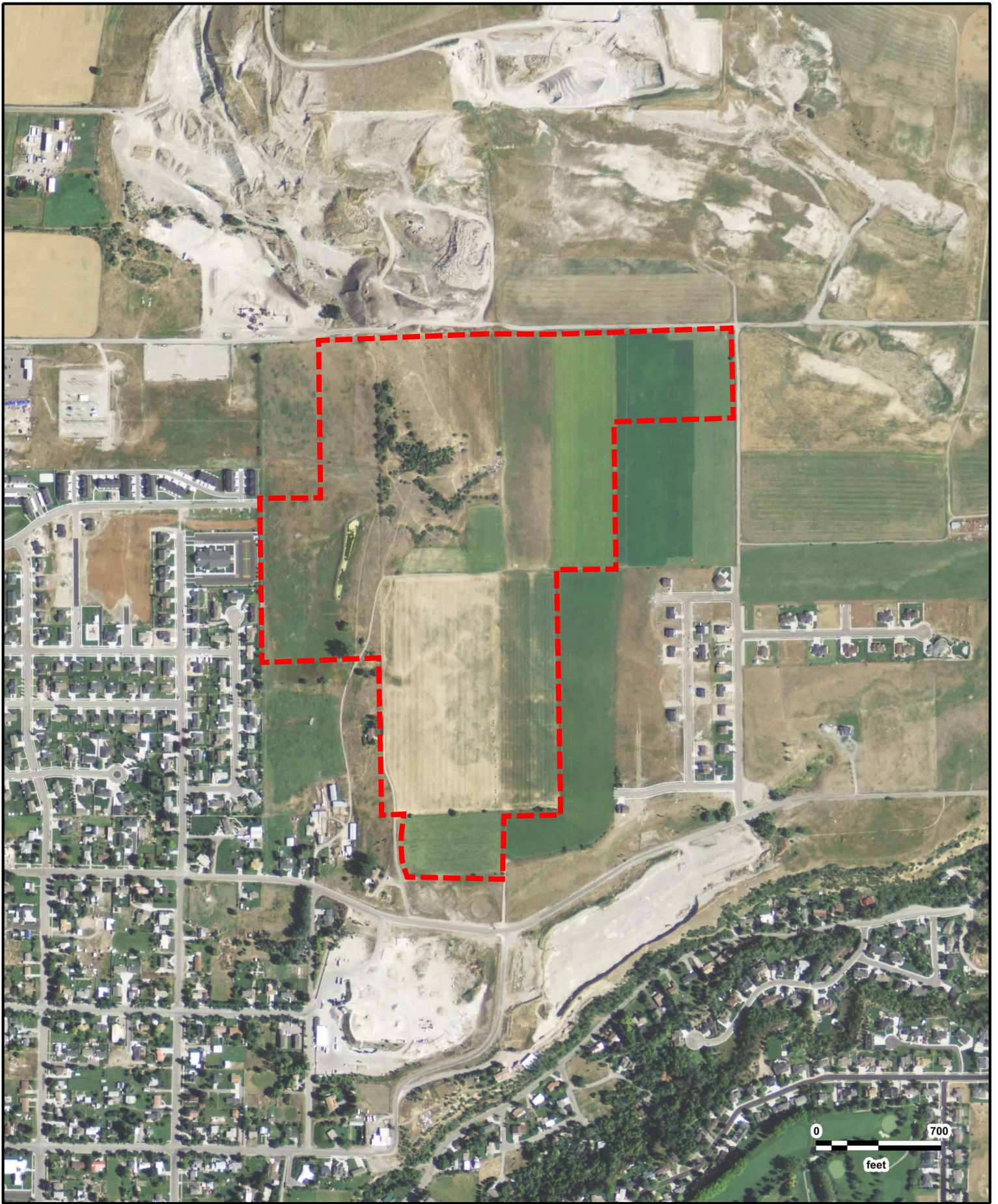
Smithfield Development
USDA
2016

GeoSearch



Smithfield Development
USDA
2014

GeoSearch



Smithfield Development
USDA
2011

GeoSearch



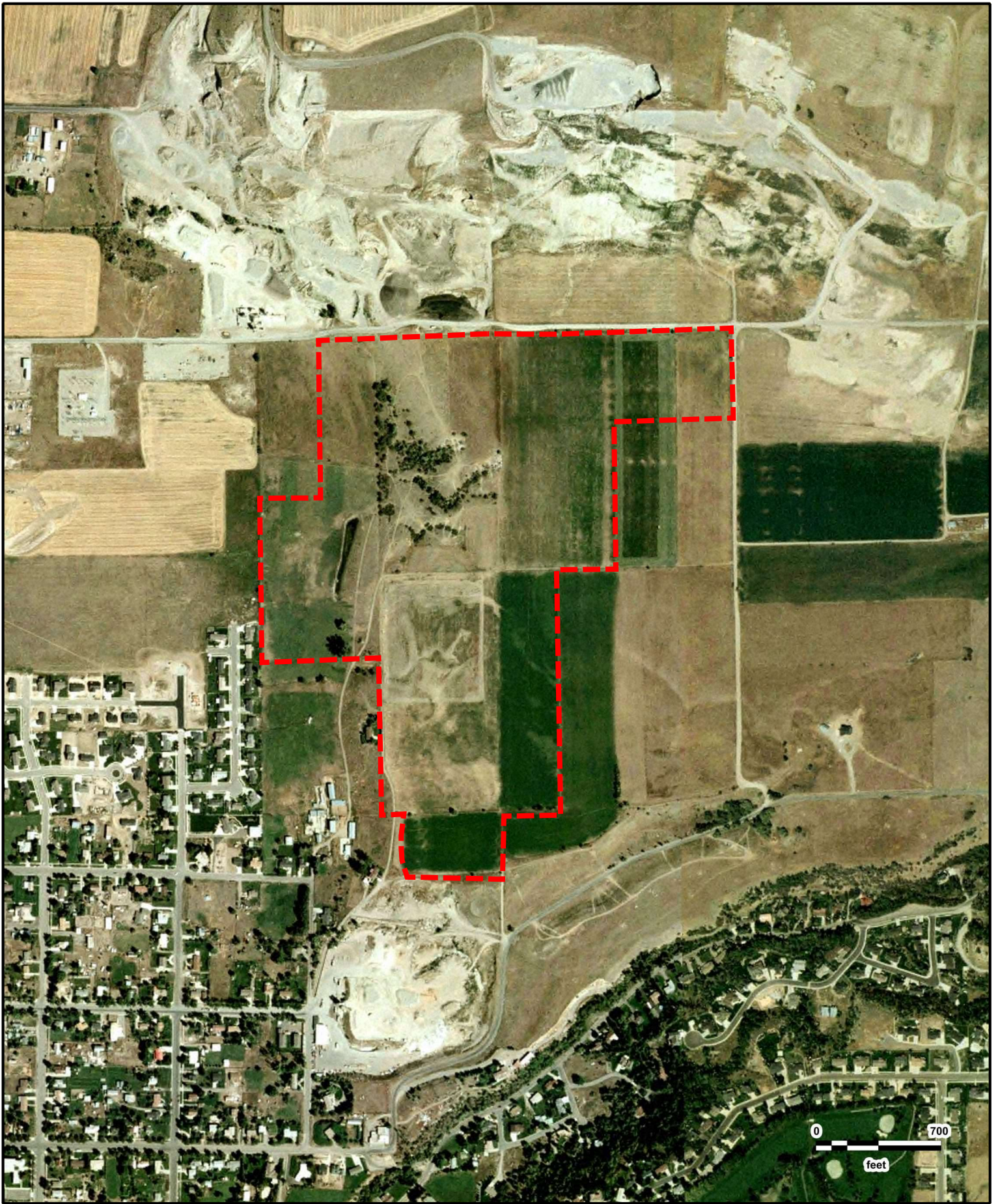
Smithfield Development
USDA
2009

GeoSearch



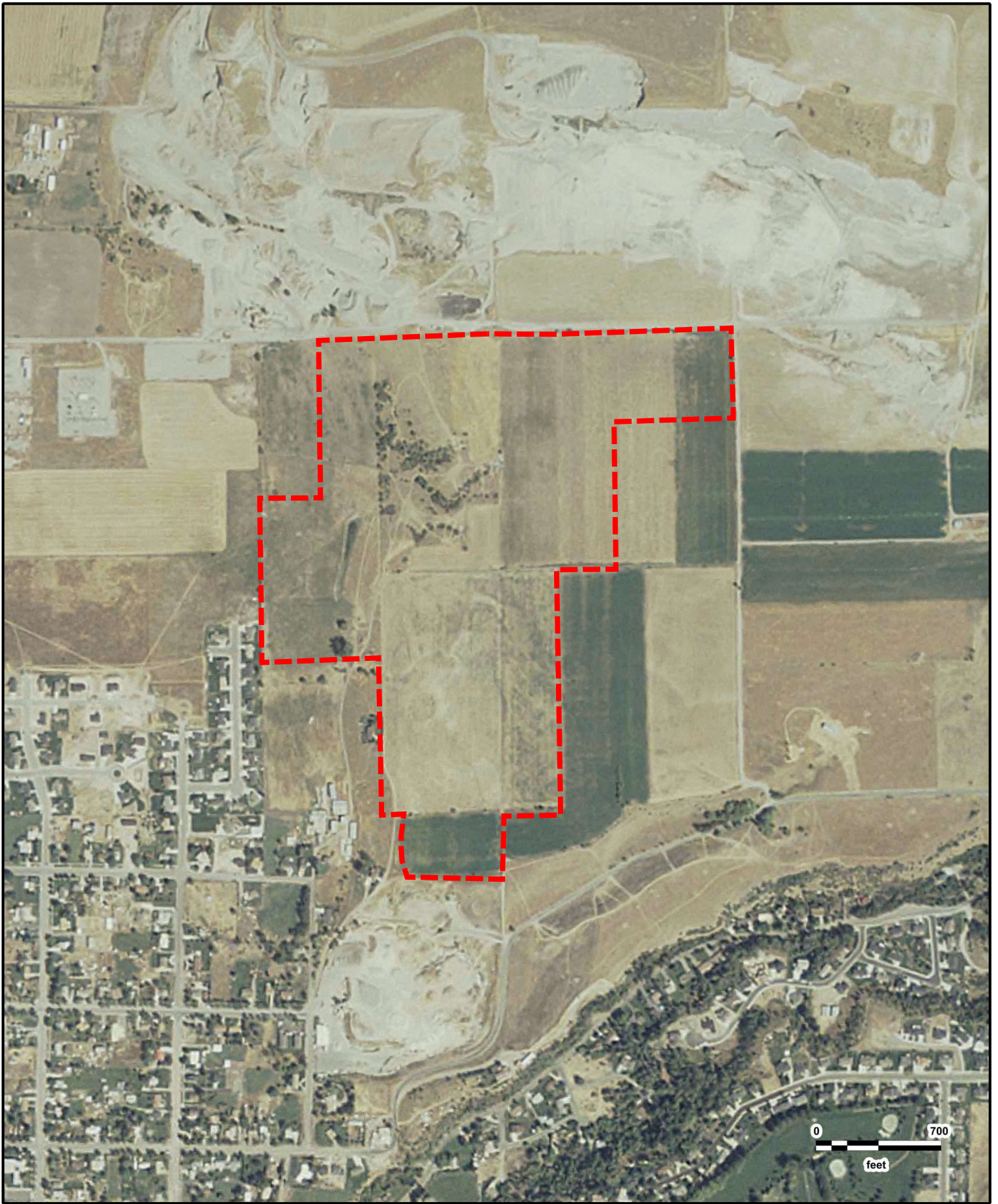
Smithfield Development
USDA
2006

GeoSearch



Smithfield Development
USDA
2004

GeoSearch



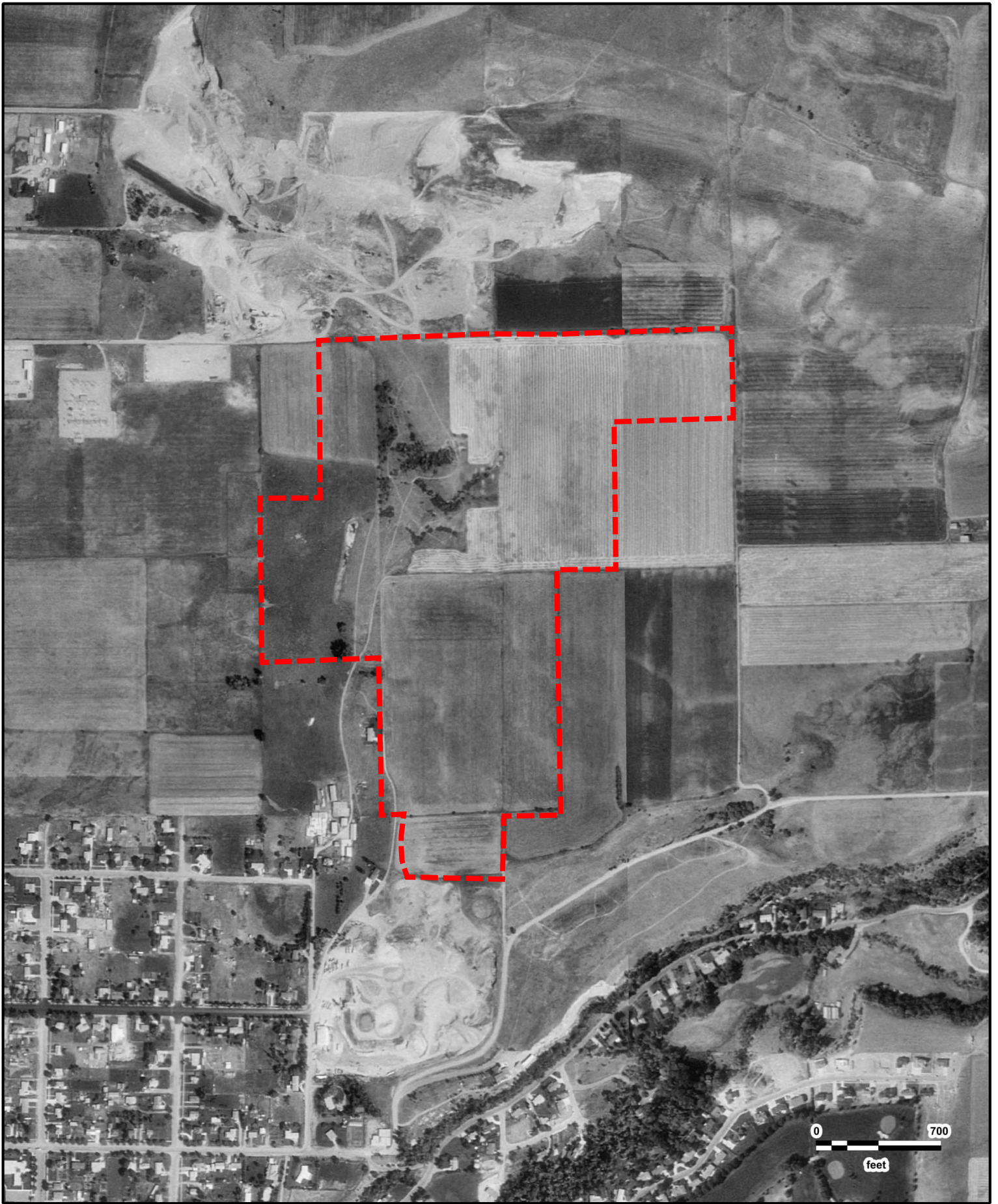
Smithfield Development
USDA
2003





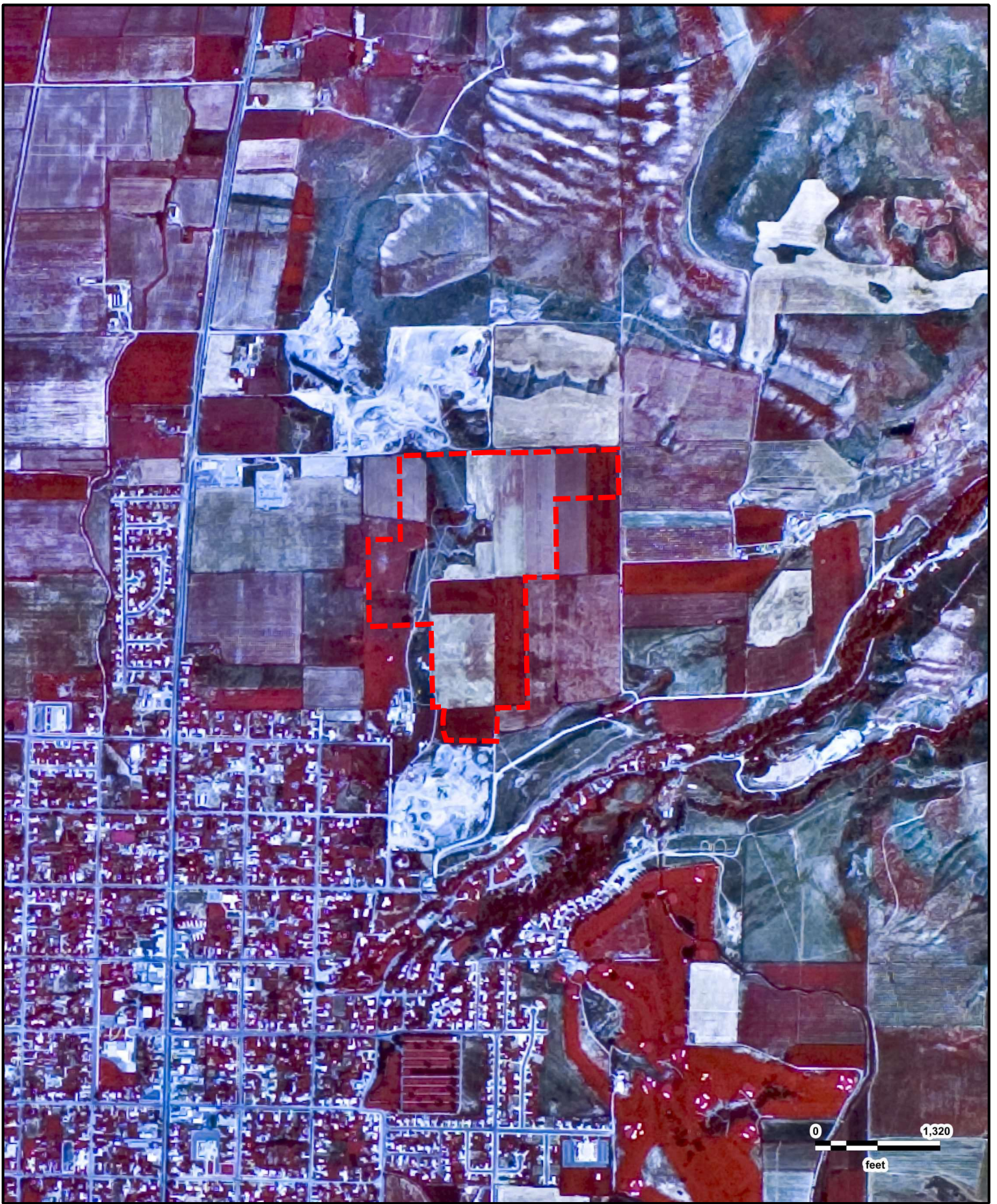
Smithfield Development
USGS
09/05/1999

GeoSearch



Smithfield Development
USGS
09/08/1993

GeoSearch



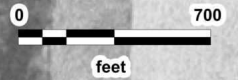
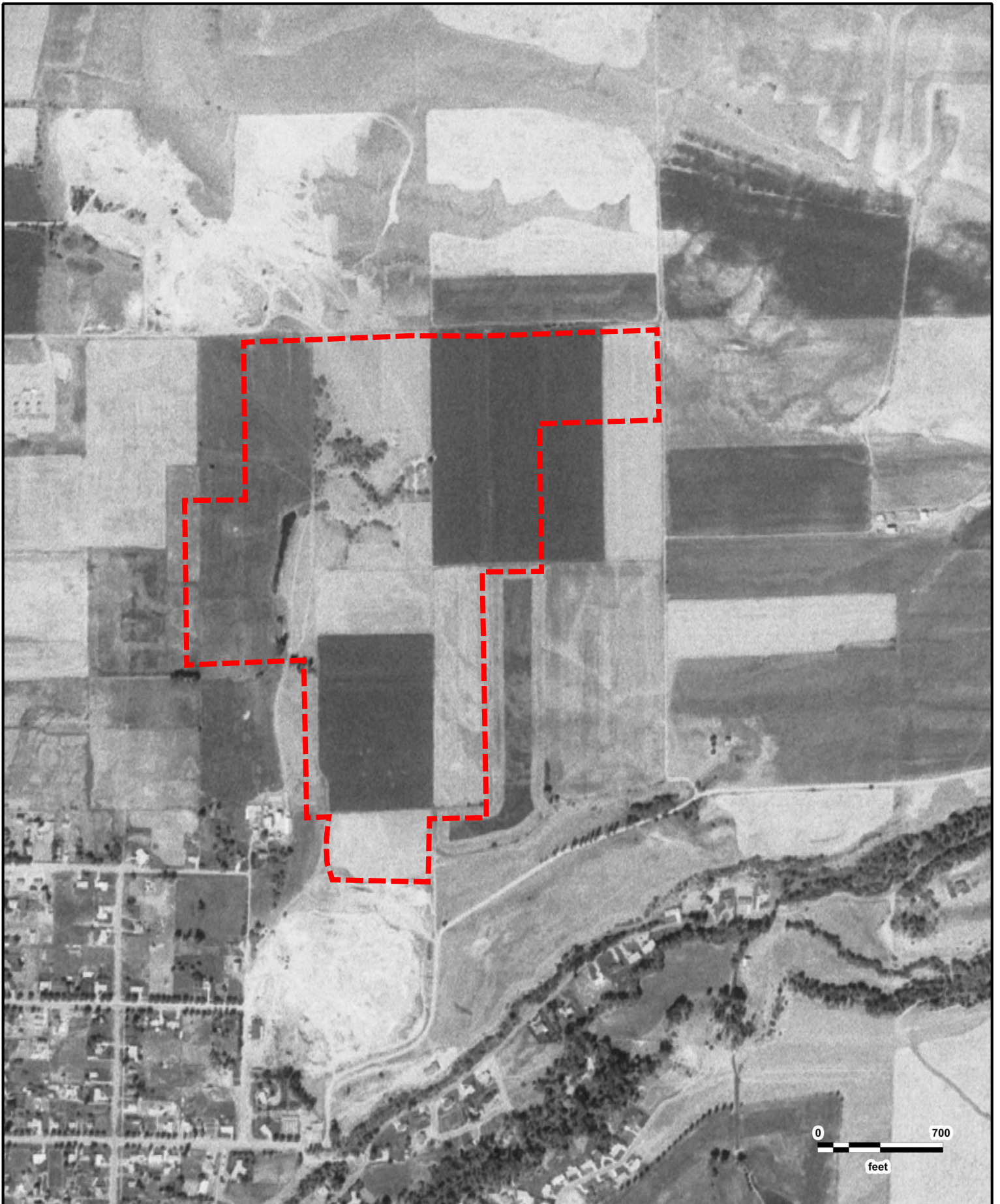
Smithfield Development
USGS
07/24/1987

GeoSearch



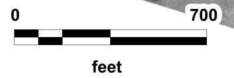
Smithfield Development
USGS
08/04/1981

GeoSearch



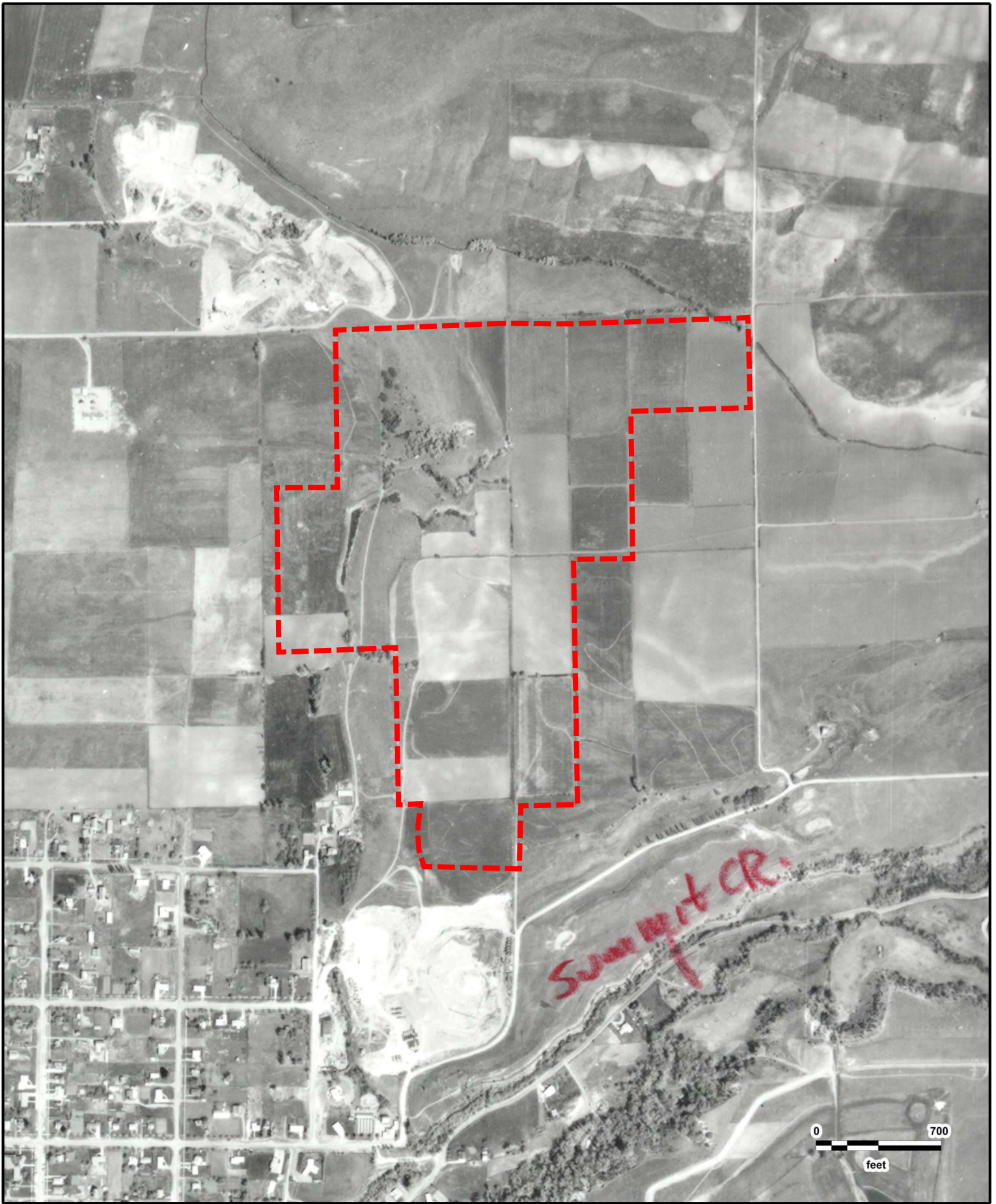
Smithfield Development
USGS
08/27/1976

GeoSearch



Smithfield Development
UGS
1970

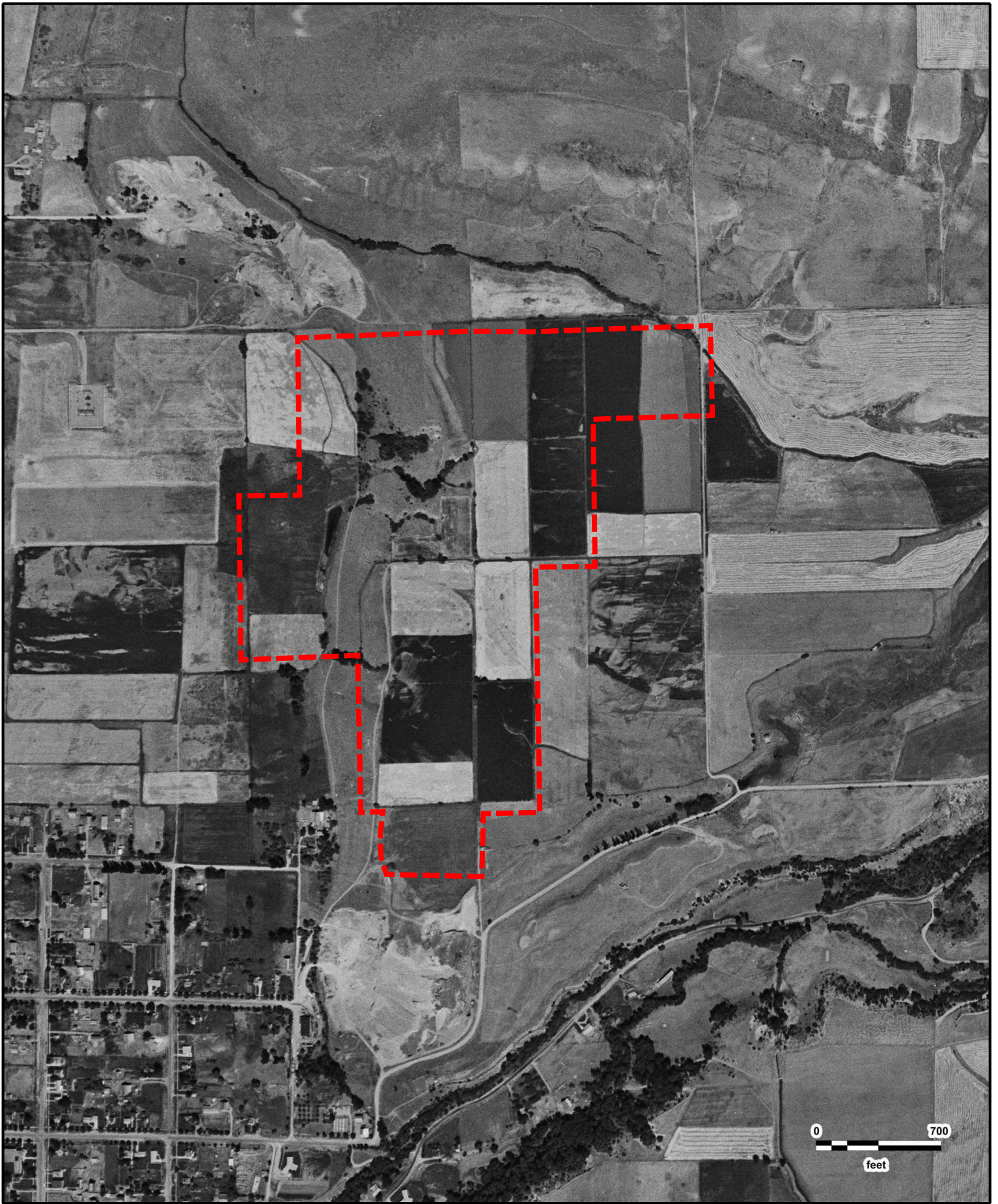




Smithfield Development
ASCS
05/01/1966

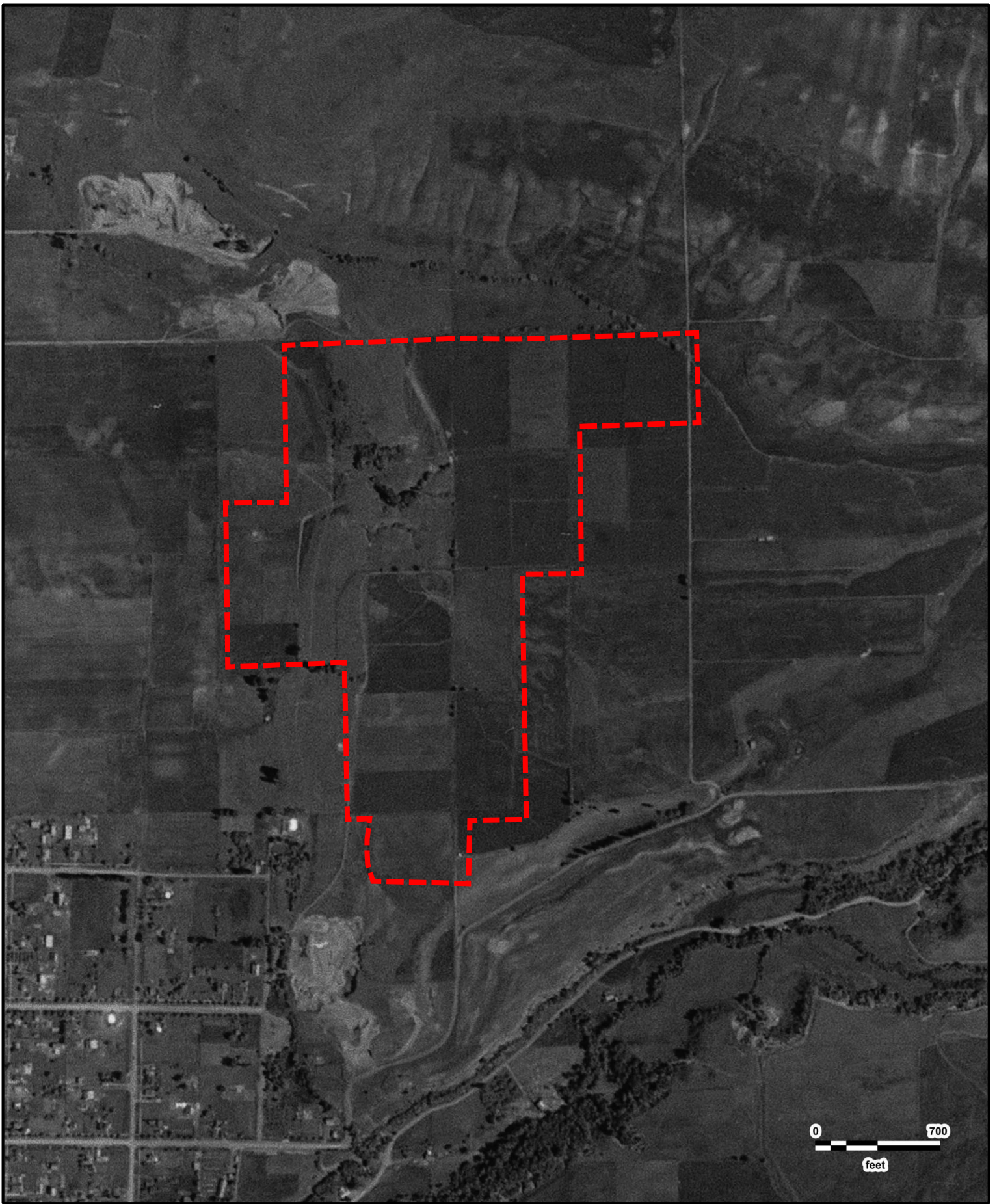
GeoSearch





Smithfield Development
USGS
07/28/1959





Smithfield Development
AMS
06/03/1953

GeoSearch





Smithfield Development
ASCS
1937

GeoSearch

Historical Topographic Maps

[NEW: GeoLens by Geosearch](#)

Target Property:

***Smithfield Development
About 400 North 300 East
Smithfield, Cache, Utah 84335***

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Job #: 341509

Project #: Smithfield Development FS

Date: 3/3/2020

Target Property Summary

Smithfield Development

About 400 North 300 East

Smithfield, Cache, Utah 84335

USGS Quadrangle: **Smithfield**

Target Property Geometry: **Area**

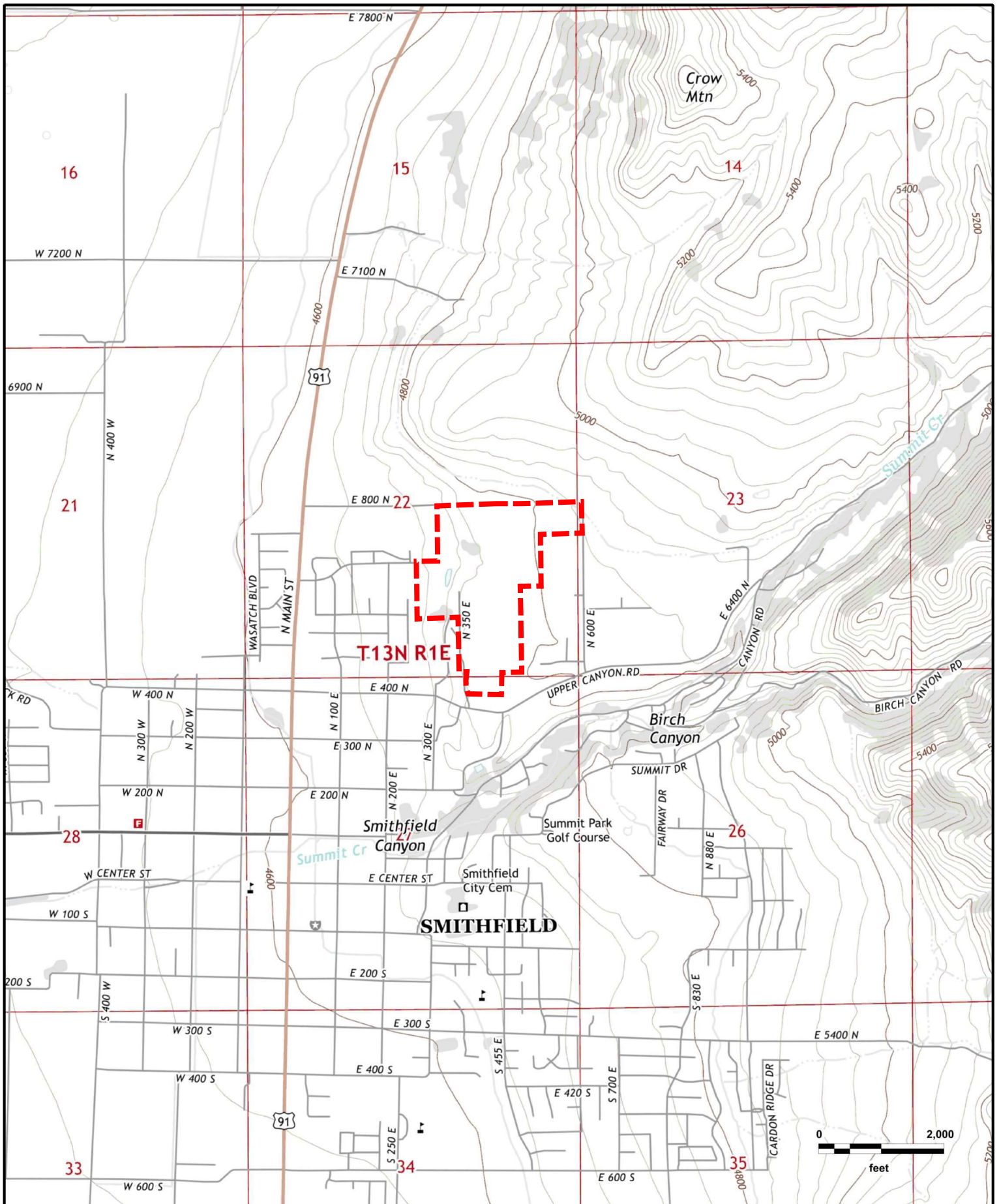
Target Property Longitude(s)/Latitude(s):

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(-111.815505463, 41.853210692), (-111.815462548, 41.851828157), (-111.817919451, 41.851772215),
(-111.817876536, 41.849510546), (-111.819099623, 41.849502554), (-111.819013792, 41.845730262),
(-111.820183235, 41.845714277), (-111.820215422, 41.844747192), (-111.822178799, 41.844779162),
(-111.822286087, 41.845034921), (-111.822307545, 41.845234732), (-111.822307545, 41.845418558),
(-111.822253901, 41.845746247), (-111.822704512, 41.845730262), (-111.822768885, 41.848143915),
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Topographic Map Summary

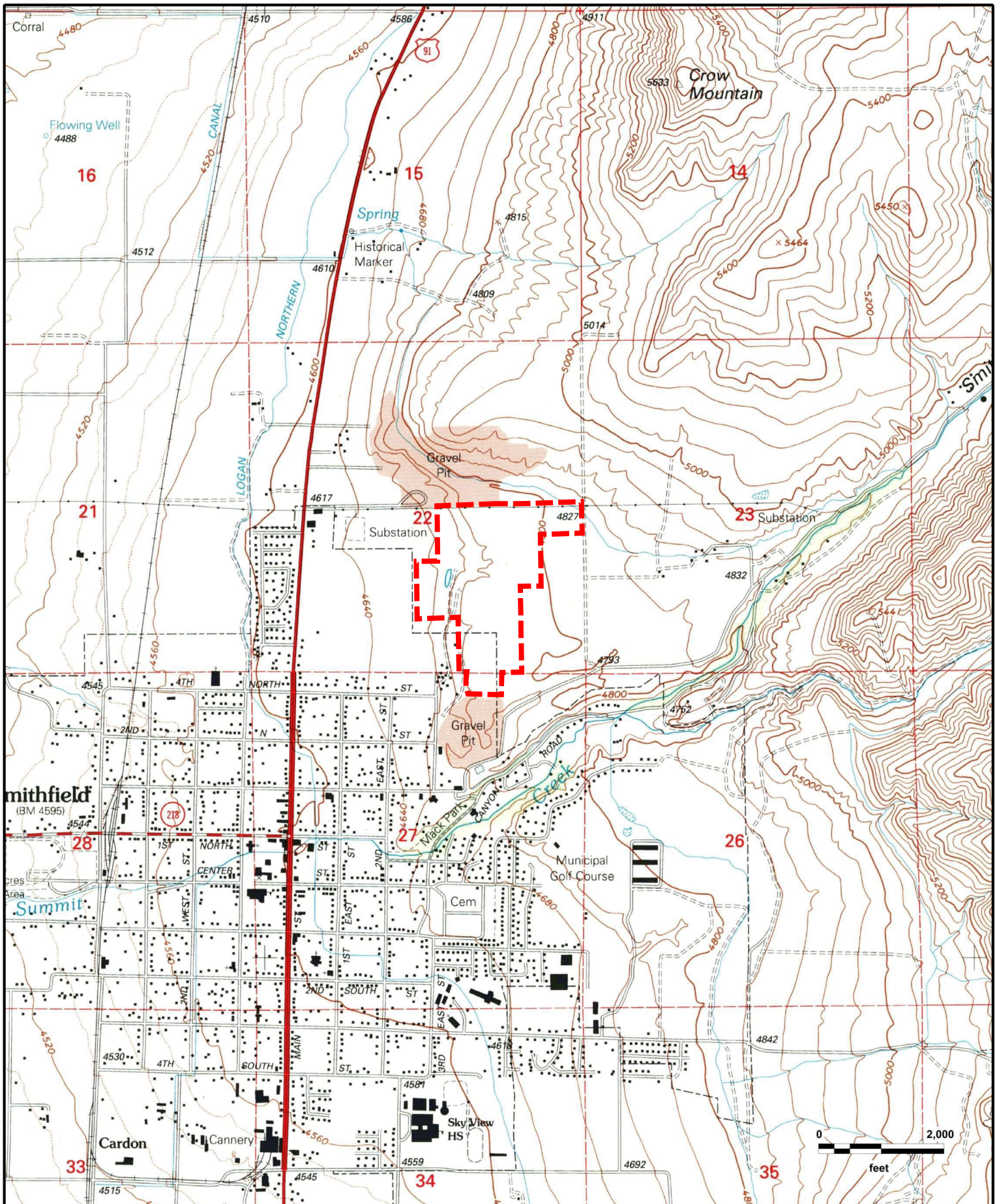
<u>Date</u>	<u>Quadrangle</u>	<u>Scale</u>
2014	SMITHFIELD, UT	1" = 2000'
1998	SMITHFIELD, UT	1" = 2000'
1964 PHOTOREVISED 1986	SMITHFIELD, UT	1" = 2000'
1964	SMITHFIELD, UT	1" = 2000'
1916	LOGAN, UT	1" = 10420'
1914	LOGAN, UT	1" = 10420'

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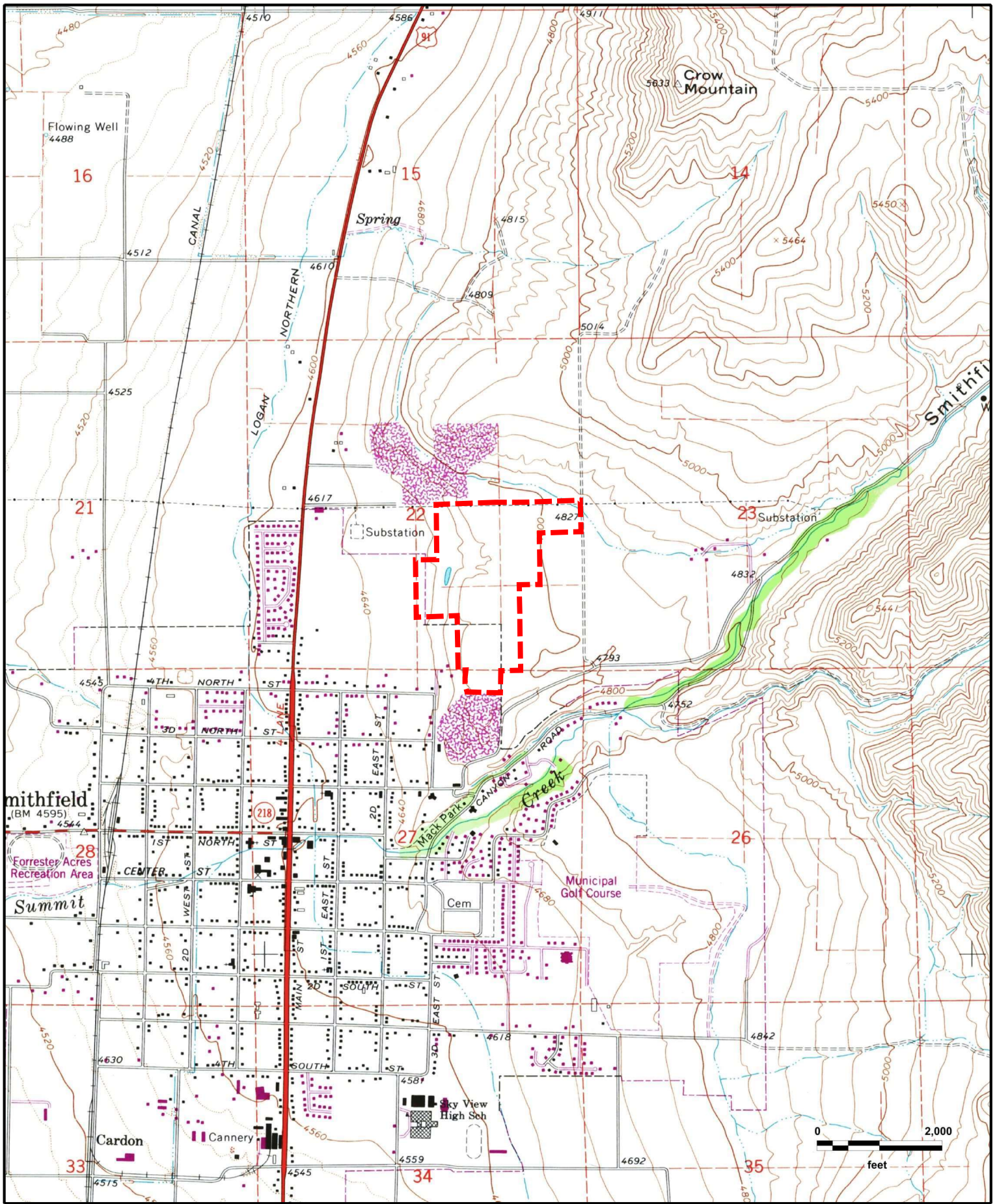
Smithfield Development
SMITHFIELD, UT (2014)





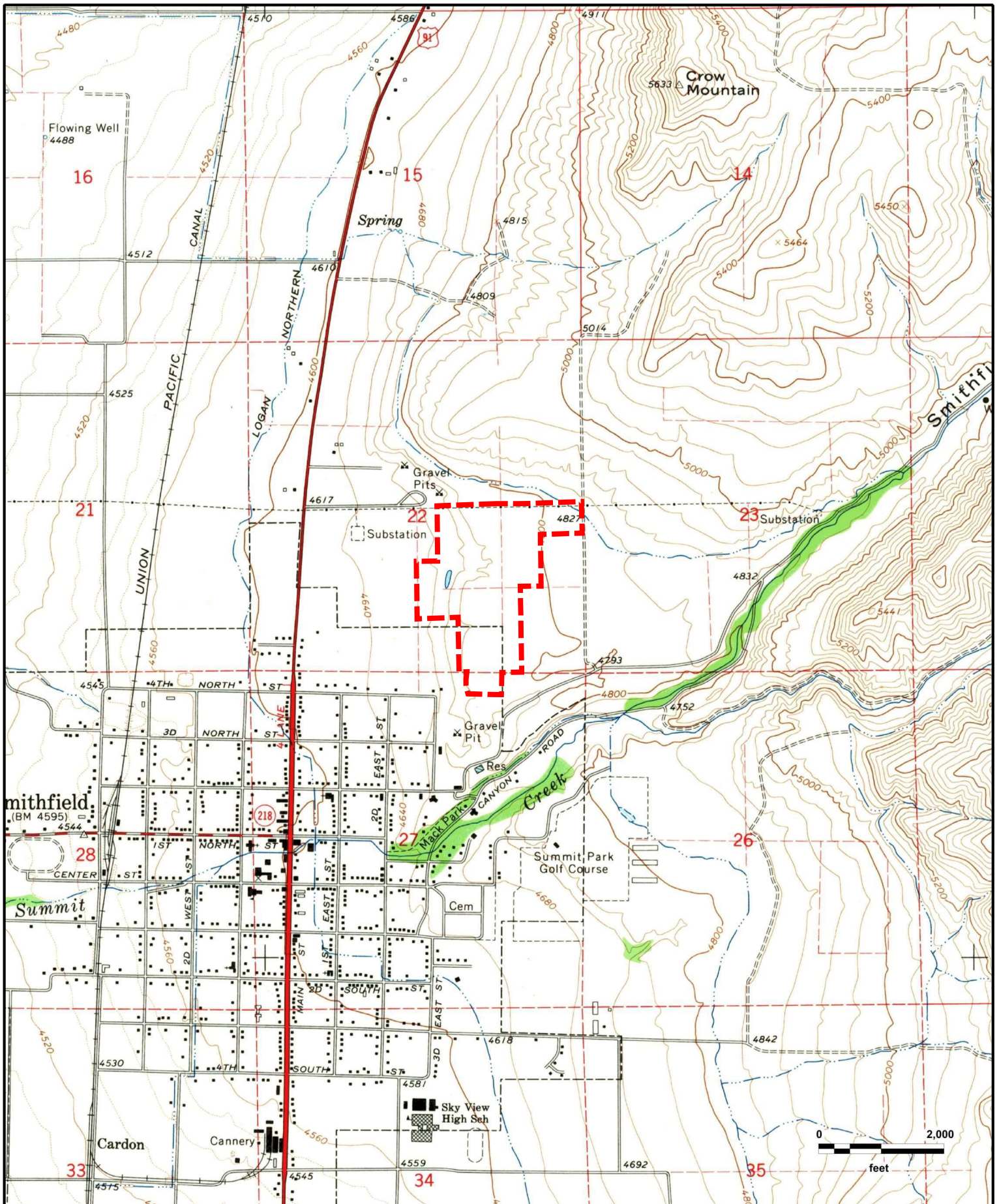
**Smithfield Development
SMITHFIELD, UT (1998)**





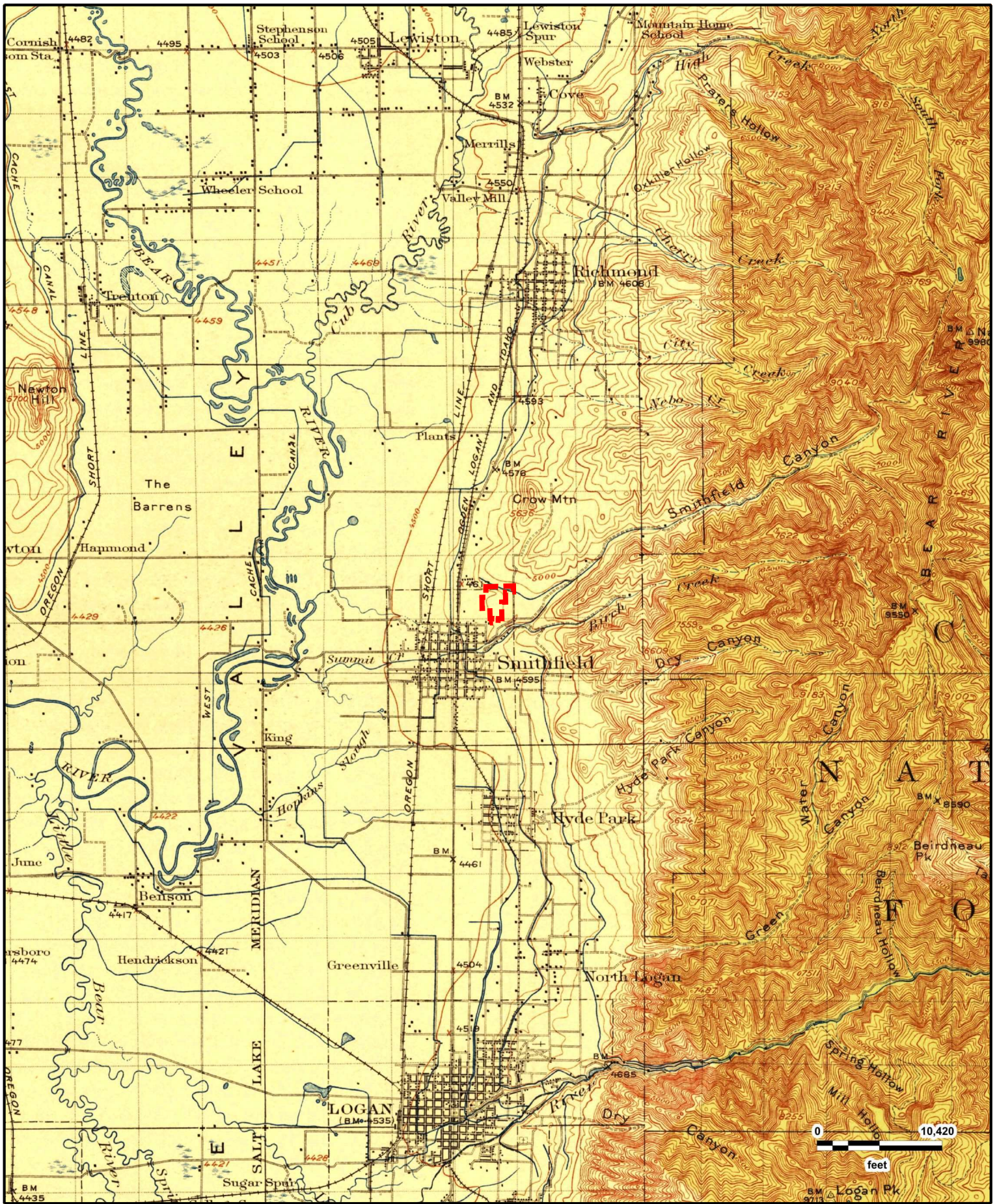
**Smithfield Development
SMITHFIELD, UT (1986)**





Smithfield Development
SMITHFIELD, UT (1964)





Smithfield Development
 LOGAN, UT (1916)





Fire Insurance Map Abstract

Target Property:
Smithfield Development
About 400 North 300 East, Smithfield, Cache, Utah, 84335

Prepared For:
CMT Engineering Laboratories

Order #: 142759
Job #: 341513
Project #:
Date #: 03/03/20



Date: 03/03/20

GS Job Number: 142759

Company Name: CMT Engineering Laboratories

Project Number:

Site Information: Smithfield Development
About 400 North 300 East, Smithfield, Cache, Utah, 84335

The collections of fire insurance maps listed below were reviewed according to the site information supplied by client. Based on the information provided, no coverage is available.

Library of Congress
University Publications of America
Other Libraries (universities, state, local, etc.).

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APPENDIX C

RADIUS MAP REPORT

Radius Report

[GeoLens by GeoSearch](#)

Target Property:

**Smithfield Development
About 400 North 300 East
Smithfield, Cache County, Utah 84335**

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Job #: 341507

Project #: Smithfield Development FS

PO #: Smithfield Development FS

Date: 03/02/2020

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Disclaimer

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

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Target Property Summary

Target Property Information

Smithfield Development
About 400 North 300 East
Smithfield, Utah 84335

Coordinates

Area centroid (-111.82095, 41.8497809)
4,776 feet above sea level

USGS Quadrangle

Smithfield, UT

Geographic Coverage Information

County/Parish: Cache (UT)

ZipCode(s):

Smithfield UT: 84335

Database Summary

FEDERAL LISTING

Standard Environmental Records

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

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR08	0	1	TP/AP
FACILITY REGISTRY SYSTEM	FRSUT	0	1	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR08	0	0	TP/AP
HAZARDOUS WASTE COMPLIANCE DOCKET FACILITIES	HWCD	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR08	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR08	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	4	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000

SUB-TOTAL		4	2	
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Database Summary

STATE (UT) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INSTITUTIONAL ENGINEERING CONTROLS REGISTRY	ICEC	0	0	TP/AP
REGISTERED UNDERGROUND STORAGE TANKS	RUST	0	0	0.2500
BROWNFIELD PROPERTIES	BF	0	0	0.5000
CERCLIS SITES	CERCLIS	0	0	0.5000
LANDFILL AND SOLID WASTE DISPOSAL SITES	LFSWDS	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	1	0	0.5000
VOLUNTARY CLEANUP PROGRAM SITES	VCP	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000

SUB-TOTAL		1	0	
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Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
TIER II FACILITIES	TIERII	0	0	TP/AP

SUB-TOTAL		0	0	
-----------	--	---	---	--

Database Summary

TRIBAL LISTING

Standard Environmental Records

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

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		5	2	

Database Radius Summary

FEDERAL LISTING

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

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

Database Radius Summary

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

Database Radius Summary

STATE (UT) LISTING

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

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ICEC	0.0200	0	NS	NS	NS	NS	NS	0
TIERII	0.0200	0	NS	NS	NS	NS	NS	0
RUST	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
CERCLIS	0.5000	0	0	0	0	NS	NS	0
LFSWDS	0.5000	0	0	0	0	NS	NS	0
LUST	0.5000	0	0	0	1	NS	NS	1
VCP	0.5000	0	0	0	0	NS	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	1	0	0	1

Database Radius Summary

TRIBAL LISTING

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

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

SUB-TOTAL		0	0	0	0	0	0	0
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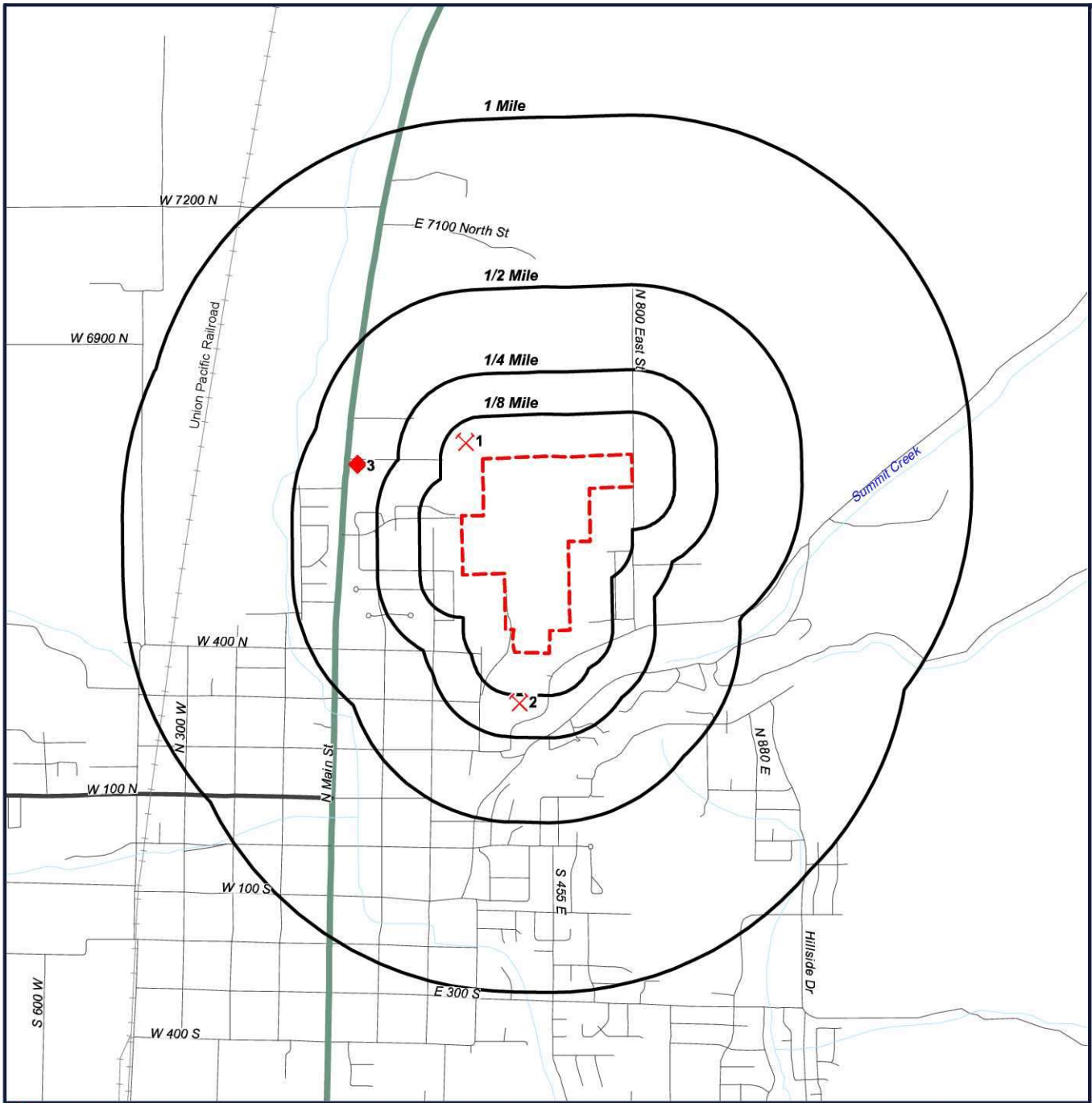
TOTAL		0	2	2	1	0	0	5
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NOTES:

NS = NOT SEARCHED

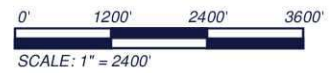
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1

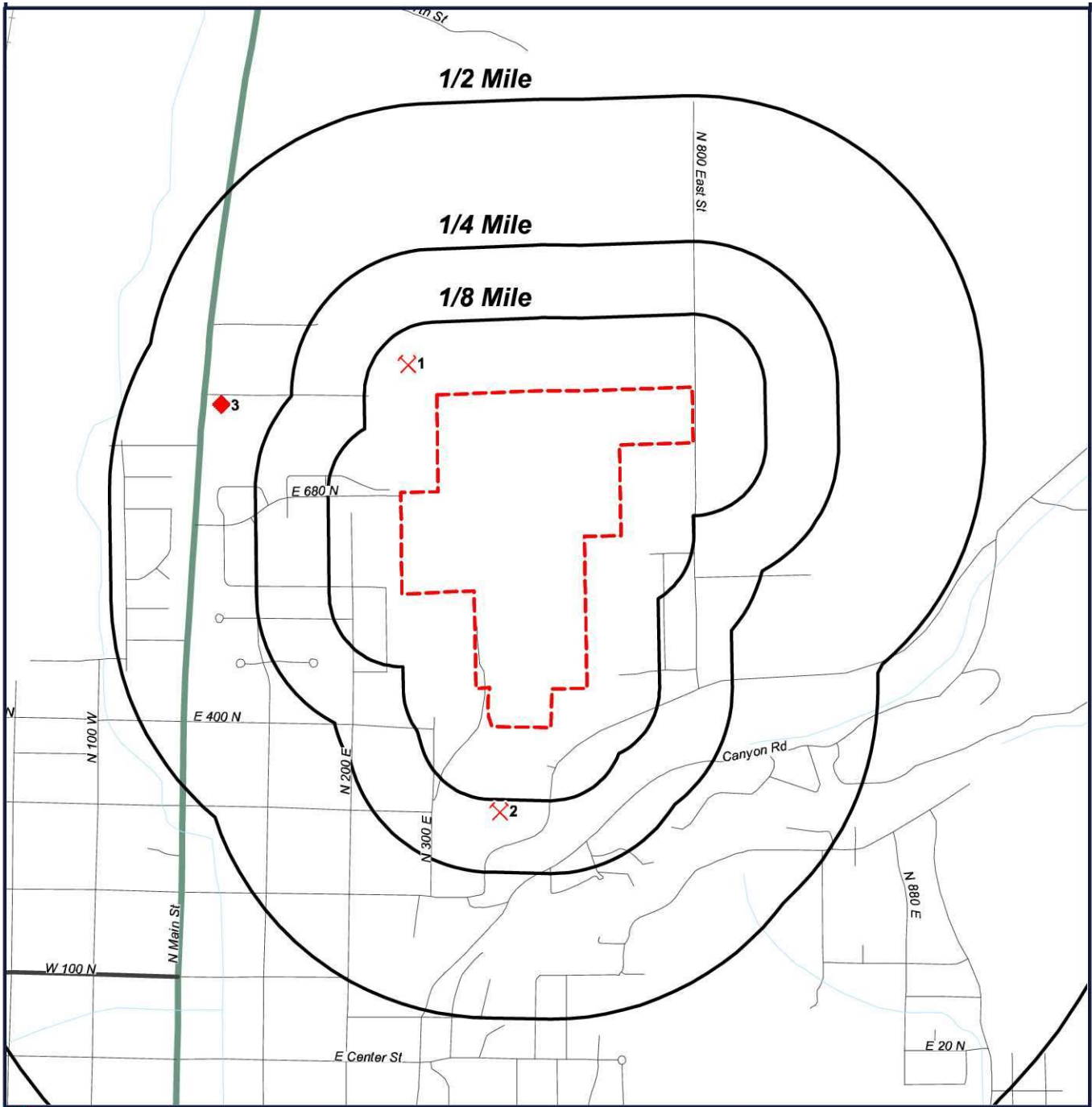


-  Target Property (TP)
-  MRDS
-  LUST

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**



Radius Map 2

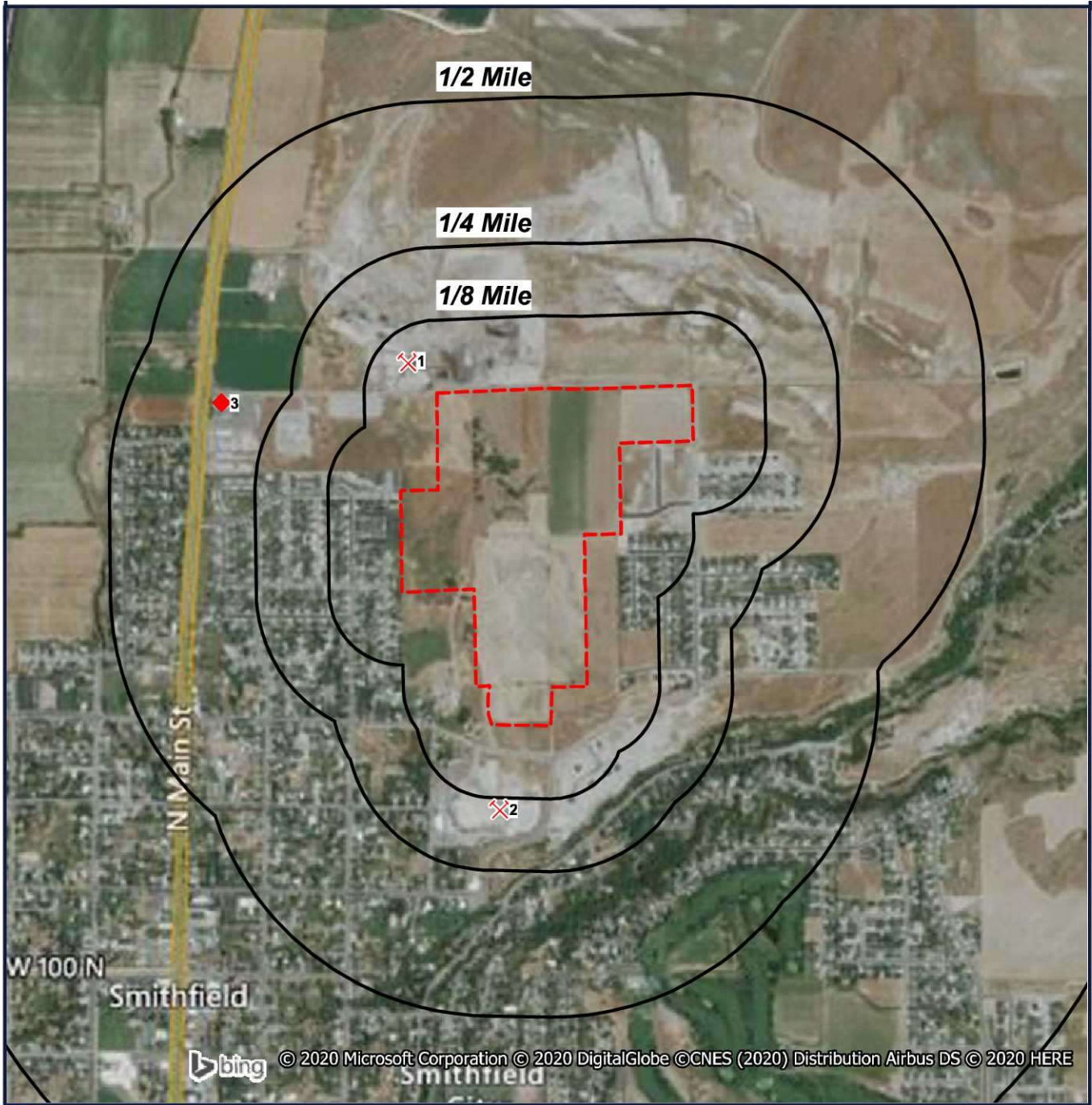


- Target Property (TP)
- MRDS
- LUST

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**

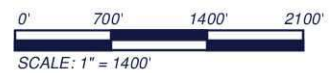


Ortho Map

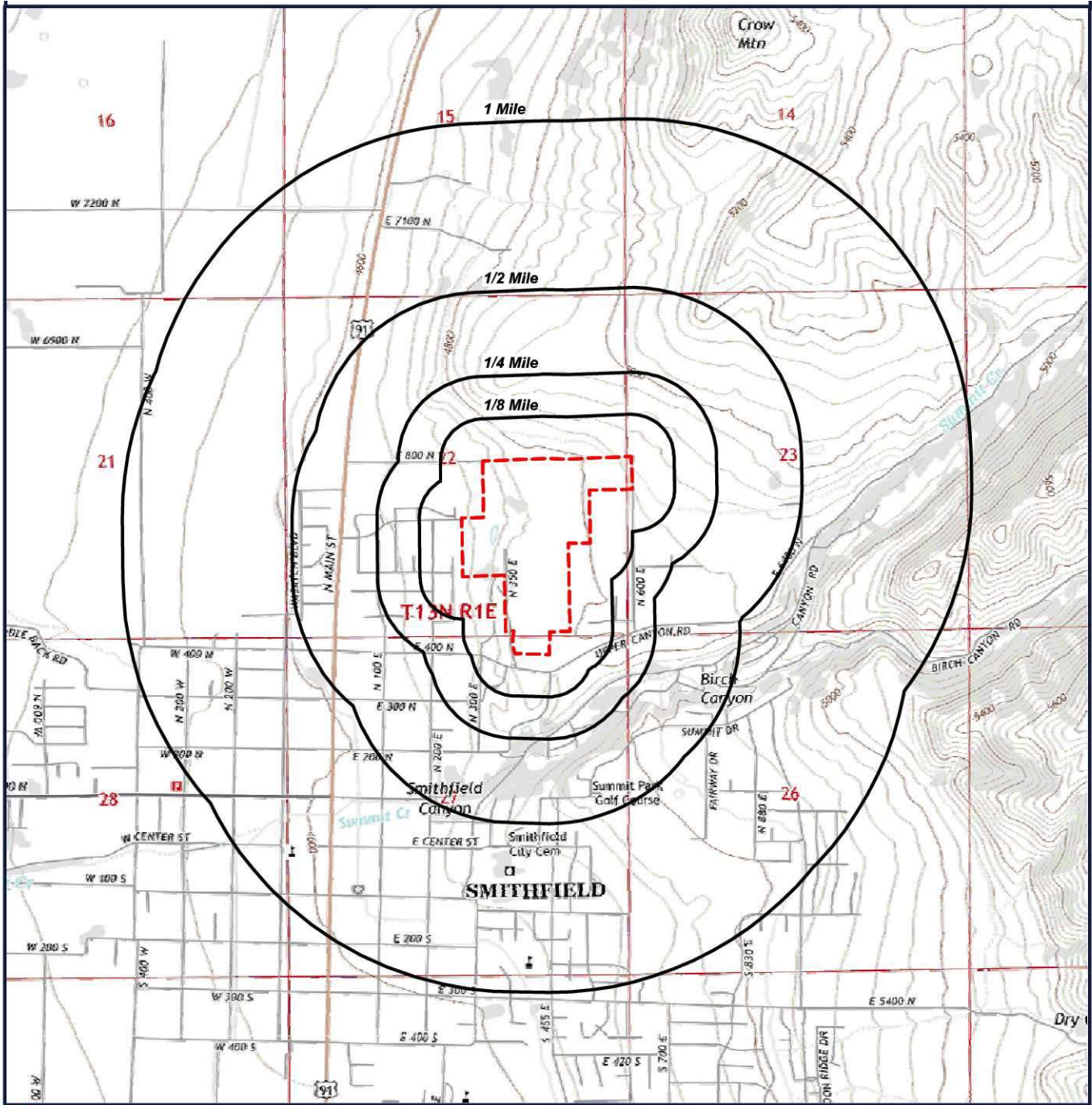


-  Target Property (TP)
-  MRDS
-  LUST

Quadrangle(s):
Smithfield
Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335

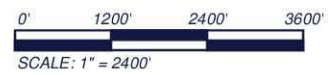


Topographic Map



 Target Property (TP)

Quadrangle(s): Smithfield
Source: USGS, 02/05/2014
Smithfield Development
About 400 North 300 East
Smithfield, Utah
84335



Located Sites Summary

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

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	MRDS	10087286	Lower (4,706 ft.)	0.075 mi. NW (396 ft.)	UT. DEPT OF HIGHWAYS PIT NO. 03011	CACHE COUNTY, SMITHFIELD, UT 84335	16
1	MRDS	10299814	Lower (4,706 ft.)	0.075 mi. NW (396 ft.)	UTAH HIGHWAY DEPT NO 3011	CACHE COUNTY, SMITHFIELD, UT 84335	17
2	MRDS	10011348	Lower (4,723 ft.)	0.143 mi. S (755 ft.)	UT. DEPT. OF HIGHWAYS PIT NO 03012	CACHE COUNTY, SMITHFIELD, UT 84335	18
2	MRDS	10159392	Lower (4,723 ft.)	0.143 mi. S (755 ft.)	UTAH HIGHWAY DEPT NO 3012	CACHE COUNTY, SMITHFIELD, UT 84335	19
3	LUST	0100258LUST	Lower (4,626 ft.)	0.343 mi. WNW (1811 ft.)	UTAH POWER & LIGHT COMPANY	780 N MAIN ST, SMITHFIELD, UT 84335	20

Elevation Summary

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

Target Property Elevation: 4776 ft.

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

EQUAL/HIGHER ELEVATION

No Records Found

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	MRDS	4,706 ft.	UT. DEPT OF HIGHWAYS PIT NO. 03011	CACHE COUNTY, SMITHFIELD, UT 84335	16
1	MRDS	4,706 ft.	UTAH HIGHWAY DEPT NO 3011	CACHE COUNTY, SMITHFIELD, UT 84335	17
2	MRDS	4,723 ft.	UT. DEPT. OF HIGHWAYS PIT NO 03012	CACHE COUNTY, SMITHFIELD, UT 84335	18
2	MRDS	4,723 ft.	UTAH HIGHWAY DEPT NO 3012	CACHE COUNTY, SMITHFIELD, UT 84335	19
3	LUST	4,626 ft.	UTAH POWER & LIGHT COMPANY	780 N MAIN ST, SMITHFIELD, UT 84335	20

Mineral Resource Data System (MRDS)

[MAP ID# 1](#)

Distance from Property: 0.075 mi. (396 ft.) NW
Elevation: 4,706 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 10087286

DEP ID: 10087286

MINE NAME: UT. DEPT OF HIGHWAYS PIT NO. 03011

ADDRESS: CACHE COUNTY

SMITHFIELD, UT 84335

DEVELOPMENT STATUS: PRODUCER

COMMODITY DETAILS

COMMODITY: SAND AND GRAVEL, CONS

COMMODITY TYPE: NON-METALLIC

COMMODITY GROUP: SAND AND GRAVEL

IMPORTANCE: PRIMARY

MATERIAL DETAILS NO MATERIAL DETAILS REPORTED

NAME DETAILS

SITE NAME: UT. DEPT OF HIGHWAYS PIT NO. 03011

STATUS: CURRENT

[Back to Report Summary](#)

Mineral Resource Data System (MRDS)

[MAP ID# 1](#)

Distance from Property: 0.075 mi. (396 ft.) NW
Elevation: 4,706 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 10299814

DEP ID: 10299814

MINE NAME: UTAH HIGHWAY DEPT NO 3011

ADDRESS: CACHE COUNTY

SMITHFIELD, UT 84335

DEVELOPMENT STATUS: PRODUCER

COMMODITY DETAILS

COMMODITY: SAND AND GRAVEL, CONS

COMMODITY TYPE: NON-METALLIC

COMMODITY GROUP: SAND AND GRAVEL

IMPORTANCE: PRIMARY

MATERIAL DETAILS NO MATERIAL DETAILS REPORTED

NAME DETAILS

SITE NAME: UTAH HIGHWAY DEPT NO 3011

STATUS: CURRENT

[Back to Report Summary](#)

Mineral Resource Data System (MRDS)

MAP ID# 2

Distance from Property: 0.143 mi. (755 ft.) S
Elevation: 4,723 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 10011348

DEP ID: 10011348

MINE NAME: UT. DEPT. OF HIGHWAYS PIT NO 03012

ADDRESS: CACHE COUNTY

SMITHFIELD, UT 84335

DEVELOPMENT STATUS: PRODUCER

COMMODITY DETAILS

COMMODITY: SAND AND GRAVEL, CONS

COMMODITY TYPE: NON-METALLIC

COMMODITY GROUP: SAND AND GRAVEL

IMPORTANCE: PRIMARY

MATERIAL DETAILS NO MATERIAL DETAILS REPORTED

NAME DETAILS

SITE NAME: UT. DEPT. OF HIGHWAYS PIT NO 03012

STATUS: CURRENT

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Mineral Resource Data System (MRDS)

MAP ID# 2

Distance from Property: 0.143 mi. (755 ft.) S
Elevation: 4,723 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 10159392

DEP ID: 10159392

MINE NAME: UTAH HIGHWAY DEPT NO 3012

ADDRESS: CACHE COUNTY

SMITHFIELD, UT 84335

DEVELOPMENT STATUS: PAST PRODUCER

COMMODITY DETAILS

COMMODITY: SAND AND GRAVEL, CONS

COMMODITY TYPE: NON-METALLIC

COMMODITY GROUP: SAND AND GRAVEL

IMPORTANCE: PRIMARY

MATERIAL DETAILS NO MATERIAL DETAILS REPORTED

NAME DETAILS

SITE NAME: UTAH HIGHWAY DEPT NO 3012

STATUS: CURRENT

[Back to Report Summary](#)

Leaking Underground Storage Tanks (LUST)

MAP ID# 3

Distance from Property: 0.343 mi. (1,811 ft.) WNW
Elevation: 4,626 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 0100258LUST
FACILITY ID: 0100258
DEQMAP FACILITY ID NUMBER: 229
FACILITY NAME: UTAH POWER & LIGHT COMPANY
ADDRESS: 780 N MAIN ST
SMITHFIELD, UT 84335
COUNTY: CACHE
OWNER NAME: ROCKY MOUNTAIN POWER
ADDRESS: 3133 WEST 900 SOUTH
SALT LAKE CITY, UT 84104

FACILITY DETAILS

LEAK ID: FQN
PROJECT MANAGER: PETE STEWART
NOTIFICATION DATE: 4/10/1990
CLOSED DATE: 10/19/1995

CAUSE AND RELEASE

CAUSE OF RELEASE: UNKNOWN
SUBSTANCE RELEASE: GASOLINE
METHOD DETERMINED: PERMANENT CLOSURE
CAUSE OF RELEASE: UNKNOWN
SUBSTANCE RELEASE: DIESEL
METHOD DETERMINED: PERMANENT CLOSURE

TANK INFORMATION

DEQMAP FACILITY ID NUMBER: 229
TANK ID: 1
ALTERNATE TANK ID: 1
TANK STATUS: PERMANENTLY OUT OF USE
IS IT A FEDERAL REGULATED TANK?: YES
SUBSTANCE: DIESEL
TANK CAPACITY: 6000
DATE LAST USED: 03/01/91
DATE CLOSED: 04/30/91
TYPE OF CLOSURE: TANK REMOVED FROM GROUND
DATE INSTALLED: 04/10/79
CERTIFICATE OF COMPLIANCE: YES
ABOVEGROUND STORAGE TANK: NO
EMERGENCY GENERATOR: NO
TANK MATERIAL 1: ASPHALT COATED OR BARE STEEL
TANK MATERIAL 2: NONE
TANK RELEASE DETECTION: ATG
PIPE MATERIAL 1: BARE STEEL
PIPE MATERIAL 2: NONE

Leaking Underground Storage Tanks (LUST)

PIPE TYPE: **PRESSURIZED**
PIPE MONITORING 1: **LTT**
PIPE MONITORING 2: **ALD**
PETROLEUM STORAGE TANK FUND: **NO**
OTHER FINANCIAL INSURANCE: **NOT REPORTED**
DEQMAP FACILITY ID NUMBER: **229**
TANK ID: **2**
ALTERNATE TANK ID: **2**
TANK STATUS: **PERMANENTLY OUT OF USE**
IS IT A FEDERAL REGULATED TANK?: **YES**
SUBSTANCE: **GASOLINE**
TANK CAPACITY: **6000**
DATE LAST USED: **03/01/91**
DATE CLOSED: **04/30/91**
TYPE OF CLOSURE: **TANK REMOVED FROM GROUND**
DATE INSTALLED: **04/10/79**
CERTIFICATE OF COMPLIANCE: **YES**
ABOVEGROUND STORAGE TANK: **NO**
EMERGENCY GENERATOR: **NO**
TANK MATERIAL 1: **ASPHALT COATED OR BARE STEEL**
TANK MATERIAL 2: **NONE**
TANK RELEASE DETECTION: **ATG**
PIPE MATERIAL 1: **BARE STEEL**
PIPE MATERIAL 2: **NONE**
PIPE TYPE: **PRESSURIZED**
PIPE MONITORING 1: **LTT**
PIPE MONITORING 2: **ALD**
PETROLEUM STORAGE TANK FUND: **NO**
OTHER FINANCIAL INSURANCE: **NOT REPORTED**
DEQMAP FACILITY ID NUMBER: **229**
TANK ID: **3**
ALTERNATE TANK ID: **3**
TANK STATUS: **PERMANENTLY OUT OF USE**
IS IT A FEDERAL REGULATED TANK?: **YES**
SUBSTANCE: **GASOLINE**
TANK CAPACITY: **2000**
DATE LAST USED: **04/10/90**
DATE CLOSED: **04/10/90**
TYPE OF CLOSURE: **TANK REMOVED FROM GROUND**
DATE INSTALLED: **04/10/71**
CERTIFICATE OF COMPLIANCE: **NO**
ABOVEGROUND STORAGE TANK: **NO**
EMERGENCY GENERATOR: **NO**
TANK MATERIAL 1: **ASPHALT COATED OR BARE STEEL**
TANK MATERIAL 2: **NONE**
TANK RELEASE DETECTION: **OTHER**
PIPE MATERIAL 1: **BARE STEEL**

Leaking Underground Storage Tanks (LUST)

PIPE MATERIAL 2: **NONE**
PIPE TYPE: **NOT LISTED**
PIPE MONITORING 1: **OTHER**
PIPE MONITORING 2: **NONE**
PETROLEUM STORAGE TANK FUND: **NO**
OTHER FINANCIAL INSURANCE: **NOT REPORTED**
DEQMAP FACILITY ID NUMBER: **229**
TANK ID: **4**
ALTERNATE TANK ID: **4**
TANK STATUS: **PERMANENTLY OUT OF USE**
IS IT A FEDERAL REGULATED TANK?: **YES**
SUBSTANCE: **GASOLINE**
TANK CAPACITY: **4000**
DATE LAST USED: **06/10/97**
DATE CLOSED: **06/10/97**
TYPE OF CLOSURE: **TANK REMOVED FROM GROUND**
DATE INSTALLED: **07/15/91**
CERTIFICATE OF COMPLIANCE: **YES**
ABOVEGROUND STORAGE TANK: **NO**
EMERGENCY GENERATOR: **NO**
TANK MATERIAL 1: **FIBERGLASS REINFORCED PLASTIC**
TANK MATERIAL 2: **DOUBLE-WALLED**
TANK RELEASE DETECTION: **ATG**
PIPE MATERIAL 1: **FIBERGLASS REINFORCED PLASTIC**
PIPE MATERIAL 2: **DOUBLE-WALLED**
PIPE TYPE: **PRESSURIZED**
PIPE MONITORING 1: **LTT**
PIPE MONITORING 2: **ALD**
PETROLEUM STORAGE TANK FUND: **NO**
OTHER FINANCIAL INSURANCE: **NOT REPORTED**
DEQMAP FACILITY ID NUMBER: **229**
TANK ID: **5**
ALTERNATE TANK ID: **5**
TANK STATUS: **PERMANENTLY OUT OF USE**
IS IT A FEDERAL REGULATED TANK?: **YES**
SUBSTANCE: **DIESEL**
TANK CAPACITY: **4000**
DATE LAST USED: **06/10/97**
DATE CLOSED: **06/10/97**
TYPE OF CLOSURE: **TANK REMOVED FROM GROUND**
DATE INSTALLED: **07/15/91**
CERTIFICATE OF COMPLIANCE: **YES**
ABOVEGROUND STORAGE TANK: **NO**
EMERGENCY GENERATOR: **NO**
TANK MATERIAL 1: **FIBERGLASS REINFORCED PLASTIC**
TANK MATERIAL 2: **DOUBLE-WALLED**
TANK RELEASE DETECTION: **ATG**

Leaking Underground Storage Tanks (LUST)

PIPE MATERIAL 1: **FIBERGLASS REINFORCED PLASTIC**
PIPE MATERIAL 2: **DOUBLE-WALLED**
PIPE TYPE: **PRESSURIZED**
PIPE MONITORING 1: **LTT**
PIPE MONITORING 2: **ALD**
PETROLEUM STORAGE TANK FUND: **NO**
OTHER FINANCIAL INSURANCE: **NOT REPORTED**

LUST INFORMATION

LUST KEY: **121**
RELEASE ID: **FQN**
PROJECT MANAGER: **[PETE STEWART]**
NOTIFICATION DATE: **04/10/90**
CLOSURE DATE: **10/19/95**
CLOSURE TYPE: **<BLANK>**
GROUND WATER DEPTH: **NOT REPORTED**
GROUND WATER FLOW 1: **NOT REPORTED**
GROUND WATER FLOW 2: **NOT REPORTED**
AMOUNT OF SOIL TREATED: **0**
AMOUNT OF H2O TREATED: **0**
PST ELIGIBLE: **NOT REPORTED**
PST % ELIGIBLE: **0**
PST DEDUCTIBLE: **0.000000000**
NO FURTHER ACTION: **<BLANK>**
MAP LABEL: **FQN - UTAH POWER AND LIGHT COMPANY**
ENVIRONMENTAL INSTITUTIONAL CONTROL: **NOT REPORTED**

FACILITY CHARACTERISTIC

TYPE OF FACILITY: **UTILITIES**
HEALTH DISTRICT: **1**
TANK: **0**
TANK RELEASE: **1**
OPEN RELEASE: **0**
SITE DESCRIPTION: **UST**
UTM DESCRIPTION: **ORTHOQUAD (DOQ) 1 METER IMAGE**
ENVIRONMENTAL APPLICATION: **0100258 - UTAH POWER AND LIGHT COMPANY**

COMPLIANCE LUST NO COMPLIANCE LUST REPORTED

[Back to Report Summary](#)

Unlocated Sites Summary

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

Database Name	Site ID#	Site Name	Address	City/State/Zip/County
ECHOR08	110070256973	NIXON SMITHFIELD GRAVEL PIT	1000 NORTH 700 EAST	SMITHFIELD, UT 84335 CACHE
FRSUT	110070256973	NIXON SMITHFIELD GRAVEL PIT	1000 NORTH 700 EAST	SMITHFIELD, UT 84335 CACHE

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AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

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

BRS Biennial Reporting System

VERSION DATE: 12/31/15

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

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 11/26/19

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

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

EC Federal Engineering Institutional Control Sites

VERSION DATE: 12/19/19

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

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

ECHOR08 Enforcement and Compliance History Information

VERSION DATE: 10/27/19

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

ERNSUT Emergency Response Notification System

VERSION DATE: 10/06/19

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

FRSUT Facility Registry System

VERSION DATE: 10/09/19

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

HMIRS08 Hazardous Materials Incident Reporting System

VERSION DATE: 11/20/19

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

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HWCD Hazardous Waste Compliance Docket Facilities

VERSION DATE: 04/29/19

This list of the Federal Agency Hazardous Waste Compliance Docket Facilities is maintained by the United States Environmental Protection Agency (EPA). According to the EPA, Section 120(c) of CERCLA requires EPA to establish a listing, known as the Federal Facility Hazardous Waste Compliance Docket (Docket), of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste. Thus, the Docket identifies all Federal facilities that must be evaluated to determine whether they pose a risk to human health and the environment and it makes this information available to the public. In order for the Docket to remain current and accurate it requires periodic updating.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/21/19

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

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

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

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

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

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

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

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NPDES08 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

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

PADS PCB Activity Database System

VERSION DATE: 09/14/18

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

PCSR08 Permit Compliance System

VERSION DATE: 08/01/12

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

RCRASC RCRA Sites with Controls

VERSION DATE: 11/22/19

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

SEMSLIENS SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of

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

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

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

TRI Toxics Release Inventory

VERSION DATE: 12/31/17

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

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

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

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importer site.

RCRAGR08 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/30/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 8 includes the following states: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

RCRANGR08 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 12/30/19

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

ALTFUELS Alternative Fueling Stations

VERSION DATE: 09/24/19

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

FEMAUST FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

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

HISTPST Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes

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Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS Integrated Compliance Information System Drycleaners

VERSION DATE: 09/21/19

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

MRDS Mineral Resource Data System

VERSION DATE: 03/15/16

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

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 09/20/19

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

BF Brownfields Management System

VERSION DATE: 10/15/19

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 01/27/20

Environmental Records Definitions - FEDERAL

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

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 12/30/19

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

ODI Open Dump Inventory

VERSION DATE: 06/01/85

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

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

VERSION DATE: 12/30/19

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

SEMS Superfund Enterprise Management System

VERSION DATE: 01/27/20

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

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 01/27/20

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

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 11/26/19

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

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

DOD Department of Defense Sites

VERSION DATE: 12/01/14

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

FUDS Formerly Used Defense Sites

VERSION DATE: 12/31/18

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

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Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

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

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/30/19

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

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

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

NPL National Priorities List

VERSION DATE: 01/27/20

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

PNPL Proposed National Priorities List

VERSION DATE: 01/27/20

Environmental Records Definitions - FEDERAL

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

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 12/30/19

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

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

VERSION DATE: 12/30/19

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

RODS Record of Decision System

VERSION DATE: 01/27/20

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

Environmental Records Definitions - STATE (UT)

ICEC Institutional Engineering Controls Registry

VERSION DATE: 12/09/19

This list of institutional/engineering controls is maintained by the Utah Department of Environmental Quality (DEQ). This list is a compilation of four lists: 1) UST Branch: Facilities with Environmental Institutional Controls; 2) CERCLA Branch: Superfund Environmental Covenants; 3) CERCLA Branch: Voluntary Cleanup Program: Certificate of Completion; 4) CERCLA Branch: Voluntary Cleanup Program: Environmental Covenant. The DEQ is required to maintain a record of the properties subject to environmental covenants/institutional controls established under Utah Code, Title 19, Chapter 10. This lists Leaking Underground Storage Tank sites, CERCLA/Superfund Branch Sites, and Voluntary Cleanup sites that have environmental controls established under this statute and pursuant to Utah Code Ann. §§ 57-25-101 et seq and controls established prior to the enactment of this statute. The controls have been recorded by the owner of the real property in the county recorder's office in the county where the real property is located.

TIERII Tier II Facilities

VERSION DATE: 11/20/19

This list is a compilation of two Tier II databases. The first database is maintained by the Utah Department of Environmental Quality (DEQ) Division of Environmental Response and Remediation (DERR). The second database is maintained by the Utah Automated Geographic Reference Center (AGRC), containing locations of Tier II facilities under the Emergency Planning and Community Right-to-Know Act (EPCRA). Qualifying facilities report on hazardous and toxic chemicals and are labeled either tier I or tier II. Locations are based on coordinates derived from maps and GPS data. These locations represent sites, not contaminated areas.

RUST Registered Underground Storage Tanks

VERSION DATE: 02/18/20

This is a compilation of two statewide lists of open and closed underground storage tanks managed by the Utah Department of Environmental Quality Division of Environmental Response & Remediation. The first list is obtained from the Underground Storage Tanks (UST) Program. The UST Program staff oversees: UST notification, installation, inspection, removal, and compliance with State and Federal UST regulations concerning release prevention and remediation. The second list is obtained from the Division of Environmental Response & Remediation's FACILITYUST geodatabase.

BF Brownfield Properties

VERSION DATE: 12/25/19

This database of brownfields (targeted) and other brownfield (non-targeted) properties is maintained by the Utah Department of Environmental Quality's Division of Environmental Response and Remediation (DERR). Sites are extracted from the Utah Environmental Interactive Map. The DERR assumes no responsibility or liability for the accuracy of the location of these properties.

Environmental Records Definitions - STATE (UT)

CERCLIS CERCLIS Sites

VERSION DATE: 12/25/19

This database of Comprehensive Environmental Response, Compensation, and Liability System sites is maintained by the Utah Department of Environmental Quality's Division of Environmental Response and Remediation (DERR). The CERCLA Branch of the DERR performs site investigations of potentially contaminated sites within the State of Utah to determine whether or not they pose a threat to human health and the environment and should be included on the Federal Superfund National Priorities List. Sites are extracted from the Utah Environmental Interactive Map. The DERR assumes no responsibility or liability for the accuracy of the location of these properties.

LFSWDS Landfill and Solid Waste Disposal Sites

VERSION DATE: 02/06/20

This list of permitted solid waste facilities is maintained by the Utah Department of Environmental Quality Solid Waste Program. The Solid Waste Program administers permitting and compliance programs for non-hazardous solid waste treatment, storage and disposal facilities throughout the State.

LUST Leaking Underground Storage Tanks

VERSION DATE: 02/18/20

This list of leaking underground storage tanks (LUST) is provided by the Utah Department of Environmental Quality Division of Environmental Response & Remediation Underground Storage Tanks Branch. The Leaking Underground Storage Tank section oversees remediation of contamination from USTs.

VCP Voluntary Cleanup Program Sites

VERSION DATE: 12/25/19

This list of Voluntary Cleanup Program sites is maintained by the Utah Department of Environmental Quality's Division of Environmental Response and Remediation (DERR). In 1997, the Utah Voluntary Cleanup Program (VCP) was created to promote the voluntary cleanup of contaminated sites. The VCP is intended to encourage redevelopment of Brownfields and other impacted sites by providing a streamlined cleanup program. This database also includes some Voluntary Cleanup information from the Utah Automated Geographic Reference Center (AGRC) for informational purposes. Locations are based on coordinates derived from maps and GPS data. The DERR assumes no responsibility or liability for the accuracy of the location of these facilities.

NPL National Priorities List

VERSION DATE: 12/25/19

The National Priorities List (NPL) is maintained by the Utah Department of Environmental Quality's Division of Environmental Response and Remediation (DERR). Before a cleanup of a hazardous waste site can take place under Superfund, it must be included on the National Priority List. The NPL is a published list of hazardous waste

Environmental Records Definitions - STATE (UT)

sites that are eligible for extensive, long-term cleanup action under the Superfund program. When no responsible party can be found, listing on the NPL allows EPA and the State to access the Superfund Trust fund to pay for site cleanup. Sites are extracted from the Utah Environmental Interactive Map. The DERR assumes no responsibility or liability for the accuracy of the location of these properties.

Environmental Records Definitions - TRIBAL

USTR08 Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/03/19

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

LUSTR08 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/03/19

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

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

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

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

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

APPENDIX D

CITY DIRECTORY REPORT
WATER WELL REPORT
OIL GAS REPORT
PHYSICAL SETTINGS REPORT

Historical By Street Number

Target Property:

*E 400 N,
Smithfield, UT 84335*

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Project #: Smithfield Development FS

Date: 3/4/2020

City Directory Historical by Street Number

160 E 400 N	No Listing (1997); Coltrin Arron (2000); No Listing (2005-2019)
161 E 400 N	Bashaw Kris (1997); X [N 100 E Ints] (1997); No Listing (2000); Hansen Brooks A & Kristina (2005); No Listing (2011-2019)
163 E 400 N	No Listing (1997-2005); No Current Listing (2011-2019)
165 E 400 N	No Listing (1997-2000); Daniels Kelly (2005-2011); Daniels Jennifer N (2005); Daniels Shane K & Jennifer N (2014-2019)
180 E 400 N	Campbell Justin G (1997); Bingham Mark K Jr & Patricia (2000-2019)
181 E 400 N	Roberts Bryan (1997-2000); No Current Listing (2005); No Listing (2011); No Current Listing (2014-2019)
181 - 191 E 400 N	No Listing (1997-2005); No Current Listing (2 Hses) (2011); X [N 200 E Ints] (2011); No Listing (2014-2019)
191 E 400 N	No Listing (1997); Hoffman Grethe L (2000); X [N 200 E Ints] (2000-2005); Hoffman Melvin H & Karin A (2005); No Listing (2011); Stachowsai Richard A & Michele S (2014-2019); X [N 200 E Ints] (2014-2019)
191-205 E 400 N	Not Verified (2 Hses) (1997); No Listing (2000-2019)
205 E 400 N	No Listing (1997); Cheal Lynn F (2000-2011); Jensen Alan L & Kathleen M (2014); No Current Listing (2019)
241 E 400 N	No Listing (1997-2000); Fluckiger Paul (2005-2019)
250 E 400 N	Pitcher Kelly G (1997); Not Verified (2000); Pitcher Kelly G (2005-2019)
265 E 400 N	Esplin Construction [Sngl-Fam Hsng Cnstr] (1997-2000); Esplin Gene K (2000-2019)
283 E 400 N	Ricks Craig H (1997-2000); Shoemaker Sue E & Larry A (2005-2019)
291 E 400 N	Peterson Connie H & Arthur (1997); X [N 200 E Ints] (1997); Not Verified (2000); No Current Listing (2005); X [N 300 E Ints] (2005-2019); Y [End Of Lisitings] (2005); Tidwell David P (2011-2019)

Comments: No coverage available for Smithfield prior to 1997.

Historical By Street Number

Target Property:

*N 300 E,
Smithfield, UT 84335*

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Project #: Smithfield Development FS

Date: 3/4/2020

City Directory Historical by Street Number

1 N 300 E	Street Begins (1997-2019); X [E 300 S Begins] (2000-2005); Y [E Center St Continues] (2005-2019)
200 N 300 E	Christensen Gary R (1997-2000); X [N 200 E Continues] (2000); No Listing (2005-2019)
230 N 300 E	No Listing (1997); Lower Larry (2000-2019); Thornley Laura (2019)
250 N 300 E	Not Verified (1997-2000); Staker & Parson Co [Concrete- Ready Mixed] (2005-2019)
251 N 300 E	Taylor Faun E (1997-2014); X [E 400 N Ends] (1997-2019); Z [N 350 E Continues] (2005-2019); Fonua Rebecca J (2019)
30 N 300 E	Bodily William J (1997-2014); Keleher Casie L [Busn Svcs] (1997); Low John B (1997); Johnson Richard (2000); Anderson Dennis L (2019)
345 N 300 E	Hendrickson Judy S (1997); Not Verified (2000); No Current Listing (2005-2011); Hansen Matt D (2014); Hansen Caroline A (2014-2019)
35 N 300 E	Craig Clifford B (1997-2005); No Current Listing (2011); Cook Genevieve S (2014-2019)
362 N 300 E	No Listing (1997); Blake Tony (2000); X [E 400 N Ends] (2000-2019); Mcclellan Tony B (2005-2019)
408 N 300 E	No Listing (1997); Peterson Dwight A (2000-2019)
4654 N 300 E	No Listing (1997-2014); Mcculloch Monte L & Kimberly D (2019)
48 N 300 E	Selley Leland L (1997-2005); X [E 50 N Ints] (2005); Keepers Franklin R Jr & Joan L (2011-2019)
70 N 300 E	Not Verified (1997-2000); X [E 300 N Ends] (1997); No Listing (2005-2019)

Comments: No coverage available for Smithfield prior to 1997.

GeoPlus Water Well Report

[GeoLens by GeoSearch](#)

Target Property:

**Smithfield Development
About 400 North 300 East
Smithfield, Cache County, Utah 84335**

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Job #: 341511

Project #: Smithfield Development FS

PO #: Smithfield Development FS

Date: 03/02/2020

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Target Property Summary

Target Property Information

*Smithfield Development
About 400 North 300 East
Smithfield, Utah 84335*

Coordinates

Area centroid (-111.82095, 41.8497809)

USGS Quadrangle

Smithfield, UT

Geographic Coverage Information

County/Parish: Cache (UT)

ZipCode(s):

Smithfield UT: 84335

Database Radius Summary

FEDERAL LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000	0	0	0	1	NS	NS	1
SUB-TOTAL		0	0	0	1	0	0	1

Database Radius Summary

STATE (UT) LISTING

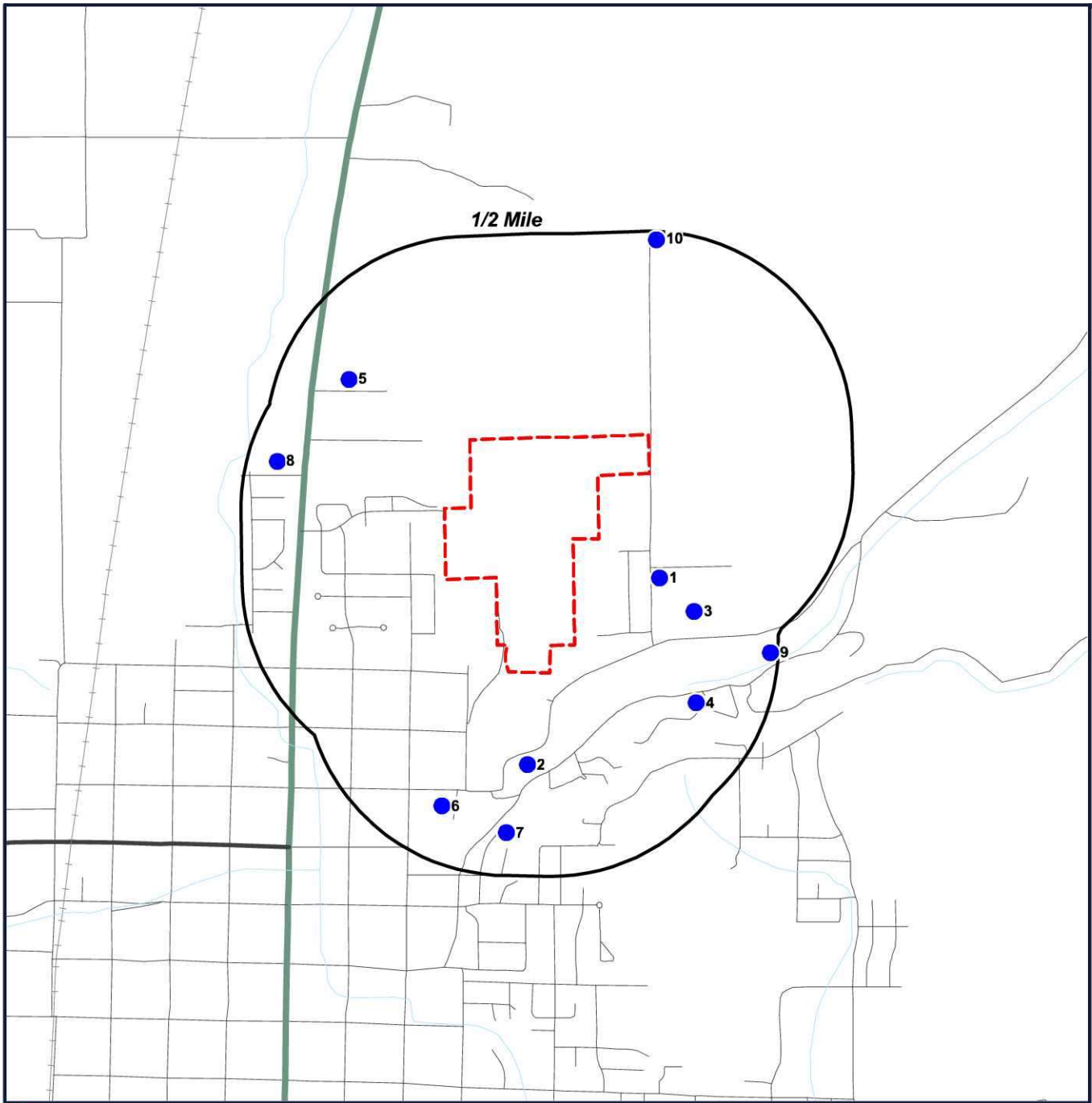
Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
WW	0.5000	0	0	2	9	NS	NS	11
SUB-TOTAL		0	0	2	9	0	0	11
TOTAL		0	0	2	10	0	0	12

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Waterwell Map



- Target Property (TP)
- WW

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**

CONTOUR LINES REPRESENTED IN FEET



Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	WW	0030906	0.175 mi. ESE (924 ft.)		N880 E140 SW 23 13N 1E SL, SMITHFIELD, UT 84335	6
2	WW	0035450	0.223 mi. S (1177 ft.)		S1520 W1600 NE 27 13N 1E SL, SMITHFIELD, UT 84335	7
3	WW	0030656	0.319 mi. E (1684 ft.)		N362 E719 SW 23 13N 1E SL, SMITHFIELD, UT 84335	8
3	WW	0035917	0.292 mi. ESE (1542 ft.)		N443 E588 SW 23 13N 1E SL, SMITHFIELD, UT 84335	9
4	WW	0034825	0.327 mi. ESE (1727 ft.)		S740 E600 NW 26 13N 1E SL, SMITHFIELD, UT 84335	10
5	WW	0034815	0.334 mi. WNW (1764 ft.)		S1825 E1450 NW 22 13N 1E SL, SMITHFIELD, UT 84335	11
6	WW	0035468	0.364 mi. SW (1922 ft.)		N600 E2620 W4 27 13N 1E SL, SMITHFIELD, UT 84335	12
7	NWIS	USGS_4150201 11491801	0.412 mi. S (2175 ft.)	(A-13- 1)27ACD- 1		13
7	WW	0033098	0.39 mi. S (2059 ft.)		N260 W1885 E4 27 13N 1E SL, SMITHFIELD, UT 84335	14
8	WW	0035681	0.429 mi. WNW (2265 ft.)		S226 E511 W4 22 13N 1E SL, SMITHFIELD, UT 84335	15
9	WW	0134796	0.479 mi. E (2529 ft.)		S100 E1570 NW 26 13N 1E SL, SMITHFIELD, UT 84335	16
10	WW	0034514	0.483 mi. N (2550 ft.)		S40 E125 NW 23 13N 1E SL, SMITHFIELD, UT 84335	17

Water Wells (WW)

[MAP ID# 1](#)

Distance from Property: 0.175 mi. (924 ft.) ESE

FACILITY INFORMATION

UNIQUE ID: 0030906

WRNUM: 25-10343

LOCATION: N880 E140 SW 23 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: GARY J. AND JUDY HARTER- NILSON

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION, STOCKWATERING

PRIORITY DATE: 20030324

SUMMARY STATUS: **TERMINATED: ADJUDICATION TERM; RIGHT MOST LIKELY HAS BEEN CONSOLIDATED INTO ANOTHER OR RENUMBERED.**

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

[MAP ID# 2](#)

Distance from Property: 0.223 mi. (1,177 ft.) S

FACILITY INFORMATION

UNIQUE ID: 0035450

WRNUM: 25-8648

LOCATION: S1520 W1600 NE 27 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: TERRY JOHNSON

SOURCE: UNDERGROUND WATER WELL

USE: IRRIGATION

PRIORITY DATE: 19841024

SUMMARY STATUS: **TERMINATED: ADJUDICATION TERM; RIGHT MOST LIKELY HAS BEEN CONSOLIDATED INTO ANOTHER OR RENUMBERED.**

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 3

Distance from Property: 0.319 mi. (1,684 ft.) E

FACILITY INFORMATION

UNIQUE ID: 0030656

WRNUM: 25-10069

LOCATION: N362 E719 SW 23 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: JOHN BERRYHILL

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION, STOCKWATERING

PRIORITY DATE: 19990520

SUMMARY STATUS: **TERMINATED: ADJUDICATION TERM; RIGHT MOST LIKELY HAS BEEN CONSOLIDATED INTO ANOTHER OR RENUMBERED.**

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

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Water Wells (WW)

MAP ID# 3

Distance from Property: 0.292 mi. (1,542 ft.) ESE

FACILITY INFORMATION

UNIQUE ID: 0035917

WRNUM: 25-9144

LOCATION: N443 E588 SW 23 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: RONALD R. (JR.) AND ELIZABETH C. RINGO

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION

PRIORITY DATE: 19950110

SUMMARY STATUS: PERFECTED: PROOF FILED, RIGHT CERTIFICATED

DRILLING METHOD: AIR ROTARY

TOTAL DEPTH (FT.): 419.00000

FINISH DEPTH (FT.): 419.00000

SCREEN DEPTH (FT.): 404.00000

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 4

Distance from Property: 0.327 mi. (1,727 ft.) ESE

FACILITY INFORMATION

UNIQUE ID: 0034825

WRNUM: 25-7725

LOCATION: S740 E600 NW 26 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: REED LAW

SOURCE: UNDERGROUND WATER WELL

USE: NOT REPORTED

PRIORITY DATE: 19781019

SUMMARY STATUS: **TERMINATED: ADJUDICATION TERM; RIGHT MOST LIKELY HAS BEEN CONSOLIDATED INTO ANOTHER OR RENUMBERED.**

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 5

Distance from Property: 0.334 mi. (1,764 ft.) WNW

FACILITY INFORMATION

UNIQUE ID: 0034815

WRNUM: 25-7714

LOCATION: S1825 E1450 NW 22 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: RAYMOND V. MARCHANT

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION, STOCKWATERING

PRIORITY DATE: 19781016

SUMMARY STATUS: **TERMINATED: ADJUDICATION TERM; RIGHT MOST LIKELY HAS BEEN CONSOLIDATED INTO ANOTHER OR RENUMBERED.**

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 6

Distance from Property: 0.364 mi. (1,922 ft.) SW

FACILITY INFORMATION

UNIQUE ID: 0035468

WRNUM: 25-8676

LOCATION: N600 E2620 W4 27 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: DUANE A BARKER

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION

PRIORITY DATE: 19850530

SUMMARY STATUS: **TERMINATED: ADJUDICATION TERM; RIGHT MOST LIKELY HAS BEEN CONSOLIDATED INTO ANOTHER OR RENUMBERED.**

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

**United States Geological Survey National Water Information System
(NWIS)**

MAP ID# 7

Distance from Property: 0.412 mi. (2,175 ft.) S

GEOSEARCH ID: **USGS_415020111491801**
REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE IDENTIFICATION NUMBER: **415020111491801**
STATION NAME: **(A-13- 1)27ACD- 1**
SITE TYPE: **GW**
LATITUDE: **41.838817900**
LONGITUDE: **-111.822444800**
DISTRICT CODE: **49**
STATE CODE: **49**
COUNTY CODE: **005**
COUNTRY CODE: **US**
LAND NET LOCATION DESCRIPTION: **SESWNES27 T**
NAME OF LOCATION MAP: **NOT REPORTED**
SCALE OF LOCATION MAP: **NOT REPORTED**
DATE OF FIRST CONSTRUCTION: **01/01/1966**
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**
LOCAL AQUIFER: **NOT REPORTED**
WELL DEPTH: **248 FEET**
HOLE DEPTH: **248 FEET**
SOURCE OF DEPTH DATA: **NOT REPORTED**
PROJECT NUMBER: **NOT REPORTED**
PEAK-STREAMFLOW DATA BEGIN DATE: **--**
PEAK-STREAMFLOW DATA END DATE: **--**
PEAK-STREAMFLOW DATA COUNT: **0**
WATER-QUALITY DATA BEGIN DATE: **--**
WATER-QUALITY DATA END DATE: **--**
WATER-QUALITY DATA COUNT: **0**
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **1968-03-01**
FIELD WATER-LEVEL MEASUREMENTS END DATE: **1968-03-01**
FIELD WATER-LEVEL MEASUREMENTS COUNT: **1**
SITE-VISIT DATA BEGIN DATE: **--**
SITE-VISIT DATA END DATE: **--**
SITE-VISIT DATA COUNT: **0**

[Back to Report Summary](#)

Water Wells (WW)

[MAP ID# 7](#)

Distance from Property: 0.39 mi. (2,059 ft.) S

FACILITY INFORMATION

UNIQUE ID: 0033098

WRNUM: 25-4142

LOCATION: N260 W1885 E4 27 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: CACHE HIGHLINE WATER ASSOCIATION

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION, OTHER, STOCKWATERING

PRIORITY DATE: 19630219

SUMMARY STATUS: PERFECTED: PROOF FILED, RIGHT CERTIFICATED

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 8

Distance from Property: 0.429 mi. (2,265 ft.) WNW

FACILITY INFORMATION

UNIQUE ID: 0035681

WRNUM: 25-8903

LOCATION: S226 E511 W4 22 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: MELVIN MITTON

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC, IRRIGATION

PRIORITY DATE: 19880524

SUMMARY STATUS: PERFECTED: PROOF FILED, RIGHT CERTIFICATED

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 9

Distance from Property: 0.479 mi. (2,529 ft.) E

FACILITY INFORMATION

UNIQUE ID: 0134796

WRNUM: 25-3164

LOCATION: S100 E1570 NW 26 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: SMITHFIELD CITY

SOURCE: UNDERGROUND WATER WELL

USE: MUNICIPAL

PRIORITY DATE: 19931007

SUMMARY STATUS: APPROVED

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Water Wells (WW)

MAP ID# 10

Distance from Property: 0.483 mi. (2,550 ft.) N

FACILITY INFORMATION

UNIQUE ID: 0034514

WRNUM: 25-7361

LOCATION: S40 E125 NW 23 13N 1E SL

TYPE: UNDERGROUND

OWNER NAME: ROBERT MATHER

SOURCE: UNDERGROUND WATER WELL

USE: DOMESTIC

PRIORITY DATE: 19770421

SUMMARY STATUS: PERFECTED: PROOF FILED, RIGHT CERTIFICATED

DRILLING METHOD: NOT REPORTED

TOTAL DEPTH (FT.): NOT REPORTED

FINISH DEPTH (FT.): NOT REPORTED

SCREEN DEPTH (FT.): NOT REPORTED

[Back to Report Summary](#)

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 01/02/20

The U.S. Geological Survey (USGS) National Water Information System (NWIS) includes water inventory data originating from all 50 states, plus border and territorial sites, including data from as early as 1899. This database includes selected site types limited to Groundwater Sites and Spring Sites from the 1.5 million plus sites within NWIS. Surface-Water, Atmospheric, and Other Site types are excluded. Disclaimer: Water Data for the Nation is the USGS public web interface to much of the data stored and managed within NWIS. It is not, however, configured to present all NWIS data and users may need to contact local Water Science Centers to obtain some information. NWIS data is updated on a regularly scheduled basis, and current condition data is generally updated upon receipt at local Water Science Centers.

Environmental Records Definitions - STATE (UT)

WW

Water Wells

VERSION DATE: 09/18/19

This list of water wells is a compilation of two databases maintained by the Utah Division of Water Rights. The first database is extracted from the Utah Division of Water Rights PUBDUMP Well database Well Features table. The second database is extracted from the Utah Division of Water Rights WRPOD (water right point of diversion) shapefile. This database is a complete record of water point of diversion locations created from data in the Utah Division of Water Rights database. The database is a complete record with the following exceptions: (1) The Division's point of diversion referencing policy includes a provision which allows some point of diversion locations to be described more as areas than discrete points. (2) Utah State Law required applications to divert surface water to be filed with the State Engineer after 1903 and groundwater after 1935. There may be existing diversions which began prior to those dates which are not included in the Division of Water Right records. (3) Data in the Division of Water Rights database was entered over an eight year period from paper files maintained by the office. Data entered in the database has been subsequently verified by staff. However, errors are occasionally detected in the database as a result of entry operations either from current staff activities or the original entry project. The Division makes an ongoing effort to maintain the database free of errors and omissions; however users of the data are responsible to verify it is suitable for their purpose.



On time. On target. In touch.™

GeoPlus Oil & Gas Report

[GeoLens by GeoSearch](#)

Target Property:

**Smithfield Development
About 400 North 300 East
Smithfield, Cache County, Utah 84335**

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Job #: 341512

Project #: Smithfield Development FS

PO #: Smithfield Development FS

Date: 03/02/2020

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Target Property Summary

Target Property Information

Smithfield Development
About 400 North 300 East
Smithfield, Utah 84335

Coordinates

Area centroid (-111.82095, 41.8497809)

USGS Quadrangle

Smithfield, UT

Geographic Coverage Information

County/Parish: Cache (UT)

ZipCode(s):

Smithfield UT: 84335

Database Radius Summary

STATE (UT) LISTING

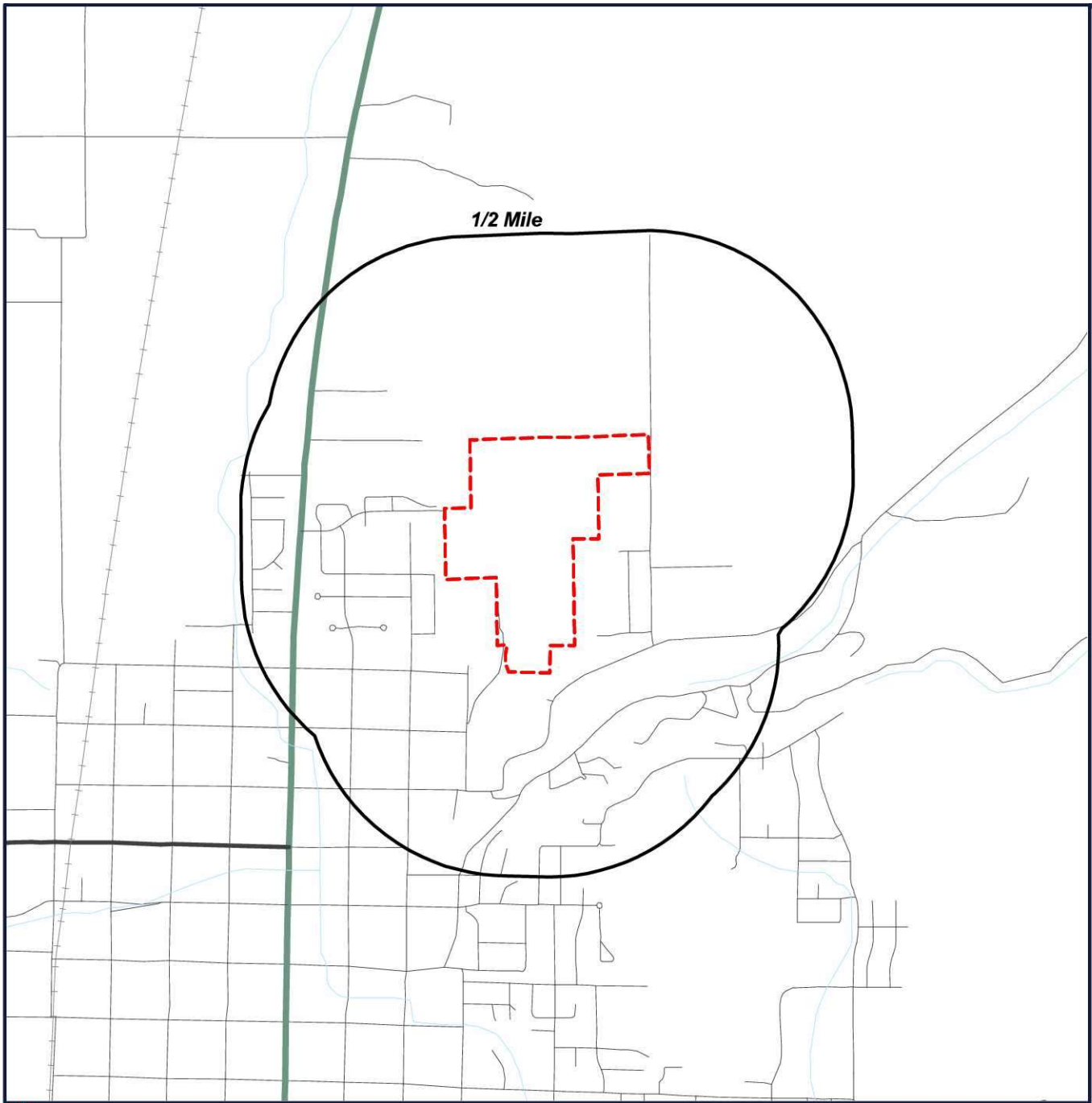
Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OG	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0

NOTES:

NS = NOT SEARCHED

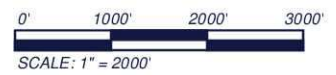
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL & GAS WELL MAP



-  Target Property (TP)
-  Well Location

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**



Located Sites Summary

No Records Found.

Environmental Records Definitions - STATE (UT)

OG

Oil and Gas Wells

VERSION DATE: 11/12/19

This list of Oil and Gas Wells is maintained by the Utah Automated Geographic Reference Center. This list is a combination of 5 datasets. These datasets depict oil and gas well surface points, units and fields polygons from the Utah Department of Natural Resources, Oil, Gas and Mining Division. On June 1, 2017, the Utah Division of Oil, Gas and Mining retired 5 old databases and went online with a new database. This prompted many changes to the data field names and content previously provided in the AGRC files. This new database was developed by contractors sponsored in part by the U.S. Department of Energy and the Ground Water Protection Council and provides the opportunity for the Division to collect more descriptive down-hole information for each wellbore permitted and drilled. Initially, much of the down-hole information will not be available because there was no place to save it in the previous databases. Eventually, as new wells are drilled and old legacy data is entered, more descriptive data will become available for the wells in Utah.



On time. On target. In touch.™

GeoPlus Physical Setting Maps

[Satellite view](#)

Target Property:

***Smithfield Development
About 400 North 300 East
Smithfield, Cache County, Utah 84335***

Prepared For:

CMT Engineering Laboratories-Utah

Order #: 142759

Job #: 341514

Project #: Smithfield Development FS

PO #: Smithfield Development FS

Date: 03/02/2020

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Disclaimer

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Target Property Summary

Target Property Information

*Smithfield Development
About 400 North 300 East
Smithfield, Utah 84335*

Coordinates

*Area centroid (-111.82095, 41.8497809)
4,776 feet above sea level*

USGS Quadrangle

Smithfield, UT

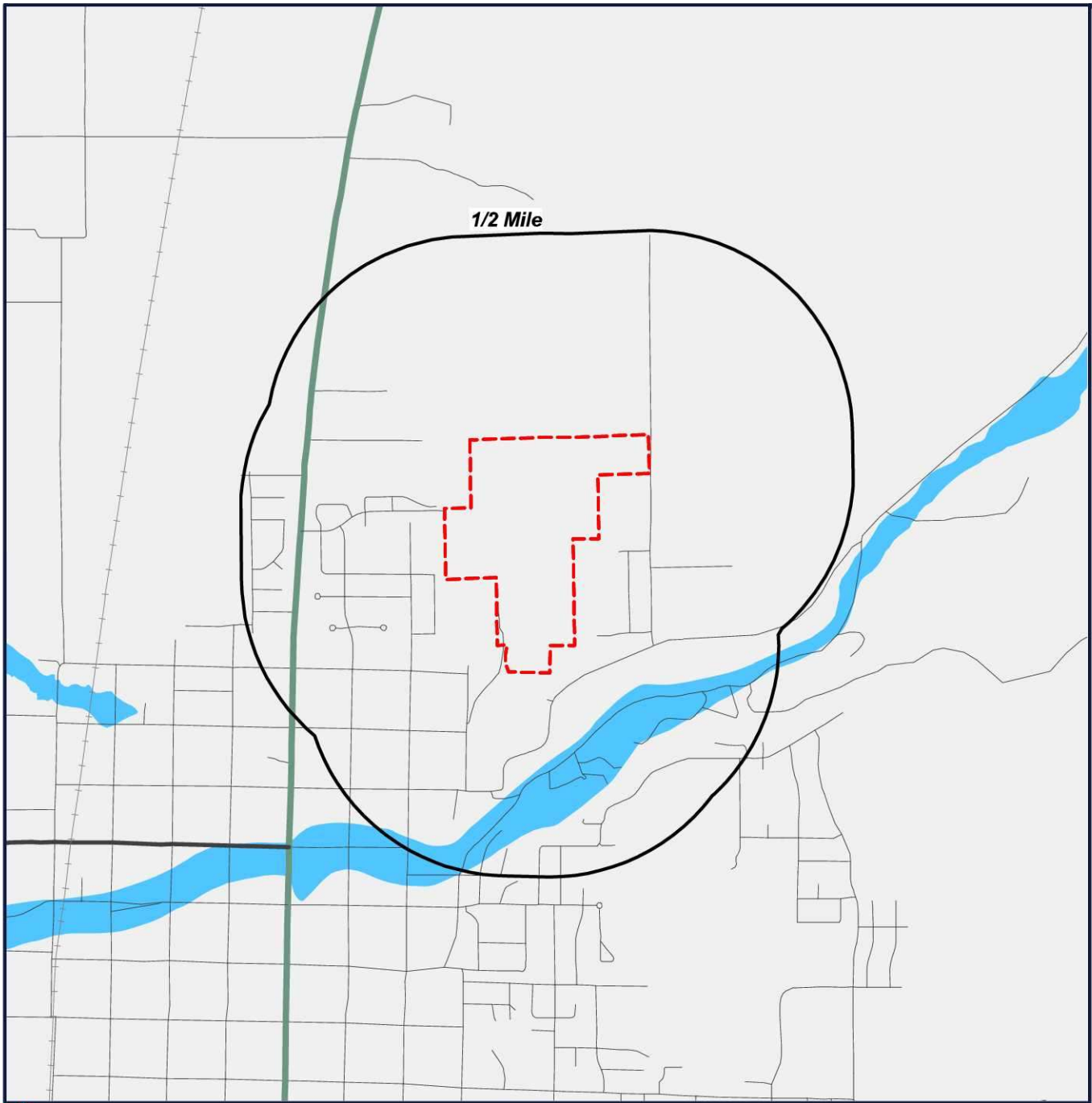
Geographic Coverage Information

County/Parish: Cache (UT)

ZipCode(s):

Smithfield UT: 84335

FEMA Map



Target Property (TP)

- | | | | |
|--|---------|--|--------------------------------|
| | ZONE A | | ZONE D |
| | ZONE AE | | ZONE X |
| | ZONE AH | | AREA NOT INCLUDED |
| | ZONE A0 | | OPEN WATER |
| | ZONE AR | | NDA - DIGITAL DATA NOT AVAILAB |
| | ZONE V | | |
| | ZONE VE | | |

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**

Letter of map revision date:
05/25/2018
Latest study effective date:
12/07/2018
Panel #: 49003C1840D



FEMA Report

FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information.

FEMA Flood Zone Definitions within Search Radius

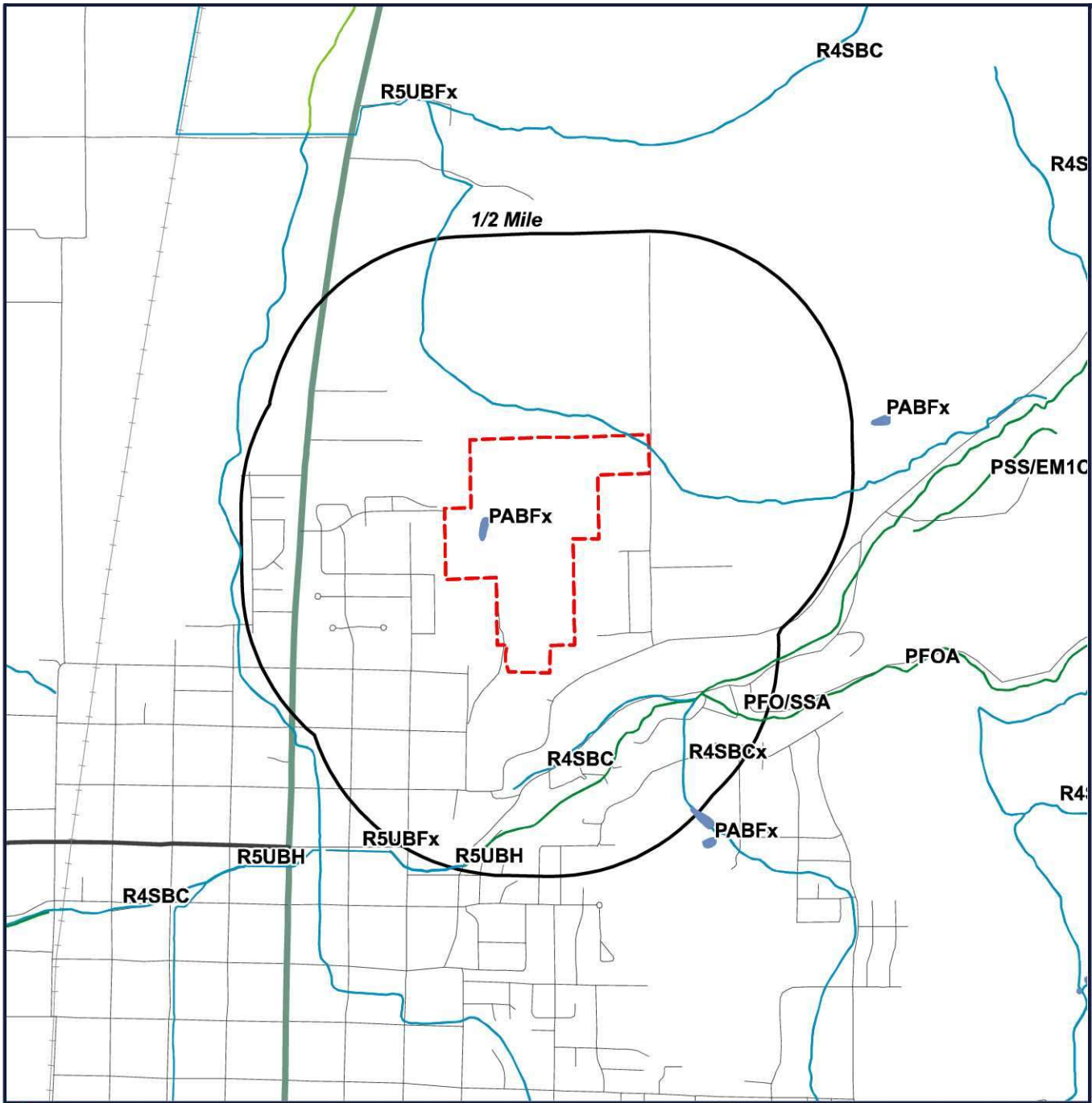
A	Zone A
----------	--------

Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.










X	Zone X
----------	--------

An area that is determined to be outside the 100 and 500 year floodplains.

NWI Map



 Target Property (TP)

- | | | |
|---|--|--|
|  ESTUARINE AND MARINE DEEPWATER |  LAKE |  FRESHWATER POND |
|  ESTUARINE AND MARINE WETLAND |  OTHER |  NDA - DIGITAL DATA NOT AVAILABLE |
|  FRESHWATER EMERGENT WETLAND |  RIVERINE | |
|  FRESHWATER FORESTED/SHRUB WETLAND | | |

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**

Map Date: 05/01/2018



NWI Report

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions within Search Radius

PABFx

SYSTEM: **PALUSTRINE**
CLASS: **AQUATIC BED**
SPECIAL MODIFIER: **EXCAVATED**

PFO/SSA

SYSTEM: **PALUSTRINE**
CLASS: **FORESTED**
WATER REGIME: **TEMPORARY-TIDAL**

PFOA

SYSTEM: **PALUSTRINE**
CLASS: **FORESTED**

R4SBC

SYSTEM: **RIVERINE**
SUBSYSTEM: **INTERMITTENT**
CLASS: **STREAMBED**
WATER REGIME: **SEASONALLY FLOODED**

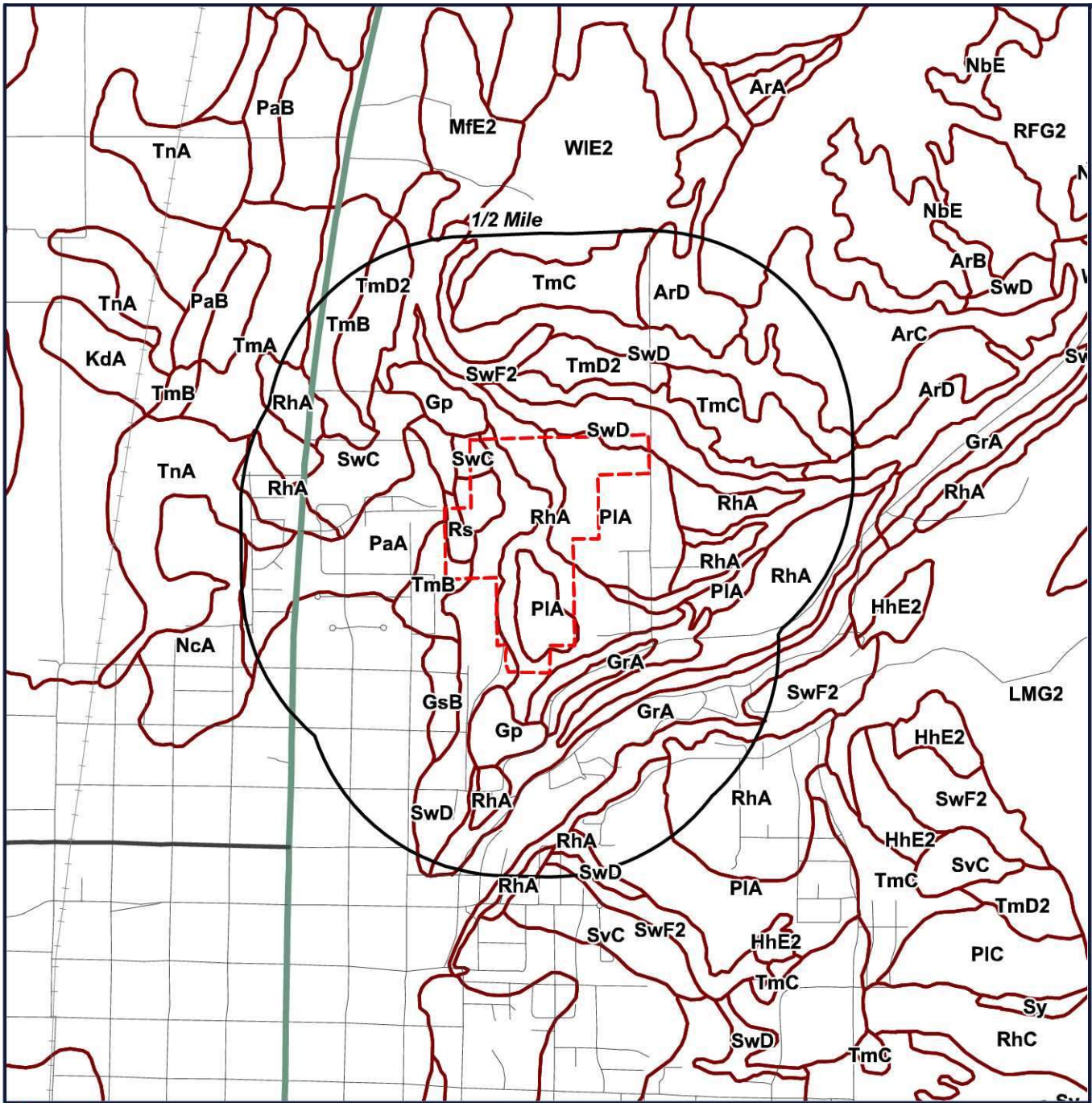
R4SBCx




SYSTEM: **RIVERINE**
SUBSYSTEM: **INTERMITTENT**
CLASS: **STREAMBED**
WATER REGIME: **SEASONALLY FLOODED**
SPECIAL MODIFIER: **EXCAVATED**

R5UBH

SYSTEM: **RIVERINE**
SUBSYSTEM: **UNKNOWN PERENNIAL**
CLASS: **UNCONSOLIDATED BOTTOM**
WATER REGIME: **PERMANENTLY FLOODED**

Soil Map



-  Target Property (TP)
-  SOIL BOUNDARY
-  NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

**Smithfield
 Development
 About 400 North 300
 East
 Smithfield, Utah
 84335**



SOIL Report

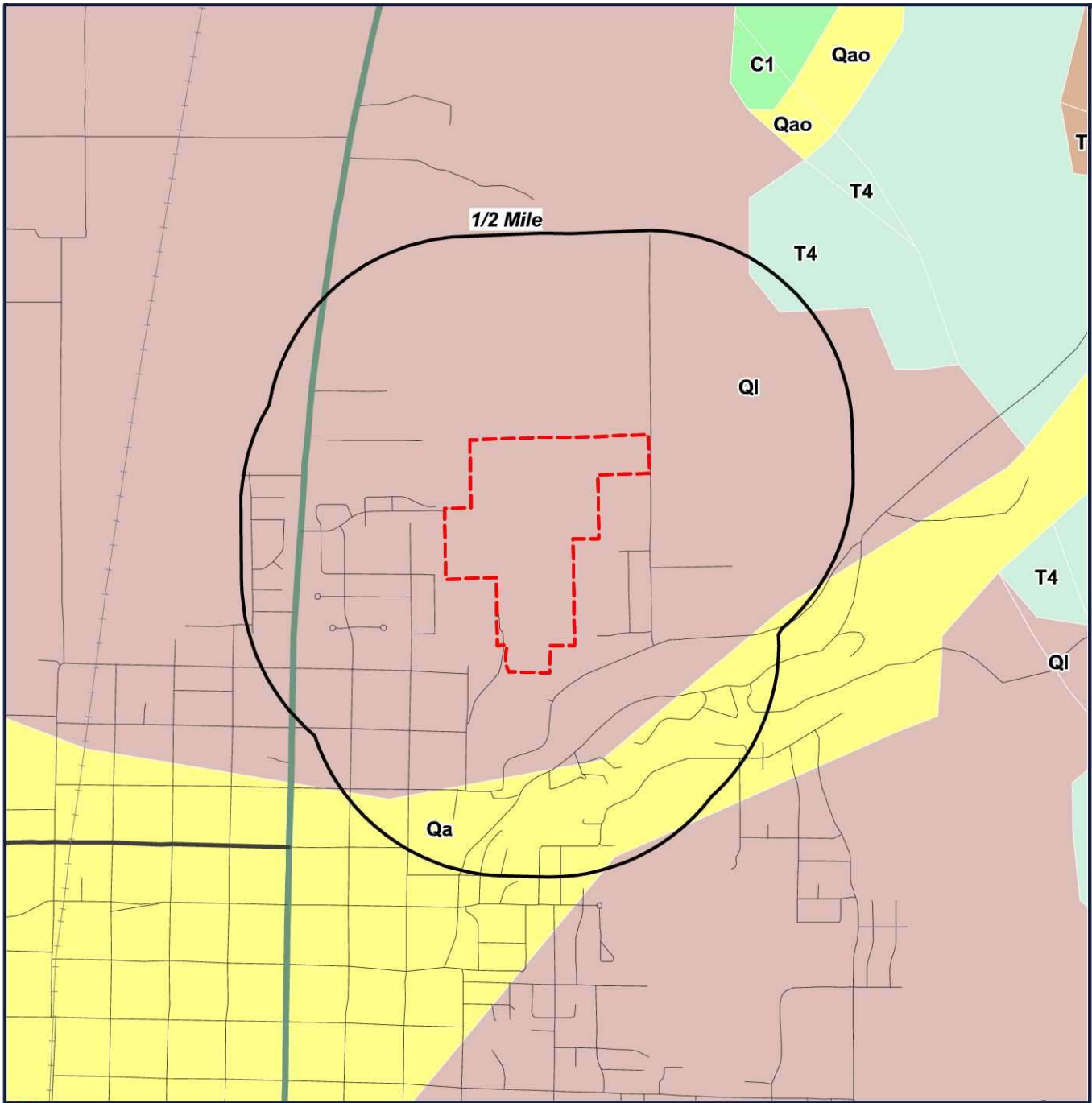
Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

SOIL Code Definitions within Search Radius

ArC	AVON SILTY CLAY LOAM, 6 TO 10 PERCENT SLOPES
ArD	AVON SILTY CLAY LOAM, 10 TO 20 PERCENT SLOPES
Gp	GRAVEL PIT
GrA	GREEN CANYON GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES
GsB	GREENSON LOAM, 3 TO 6 PERCENT SLOPES
MfE2	MENDON-COLLINSTON COMPLEX, 6 TO 30 PERCENT SLOPES, ERODED
NcA	NIBLEY SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES
PaA	PARLEYS SILT LOAM, 0 TO 3 PERCENT SLOPES
PIA	PARLO SILT LOAM, 0 TO 3 PERCENT SLOPES
RFG2	RICHMOND-NEBEKER ASSOCIATION, ERODED
RhA	RICKS GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES
Rs	ROSHE SPRINGS SILT LOAM
SvC	STEED GRAVELLY LOAM, 6 TO 10 PERCENT SLOPES
SwC	STERLING GRAVELLY LOAM, 6 TO 10 PERCENT SLOPES
SwD	STERLING GRAVELLY LOAM, 10 TO 20 PERCENT SLOPES
SwF2	STERLING GRAVELLY LOAM, 20 TO 50 PERCENT SLOPES, ERODED
TmA	TIMPANOGOS SILT LOAM, 0 TO 3 PERCENT SLOPES
TmB	TIMPANOGOS SILT LOAM, 3 TO 6 PERCENT SLOPES
TmC	TIMPANOGOS SILT LOAM, 6 TO 10 PERCENT SLOPES
TmD2	TIMPANOGOS SILT LOAM, 10 TO 20 PERCENT SLOPES, ERODED
TnA	TIMPANOGOS SILT LOAM, DEEP WATER TABLE, 0 TO 3 PERCENT SLOPES
WhF2	WHEELON SILT LOAM, 30 TO 50 PERCENT SLOPES, ERODED
WIE2	WHEELON-COLLINSTON COMPLEX, 10 TO 30 PERCENT SLOPES, ERODED

Geology Map



 Target Property (TP)

**Smithfield
Development
About 400 North 300
East
Smithfield, Utah
84335**



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

GEOLOGY Report

US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **Qa**
UNIT NAME: **Quaternary alluvium and colluvium**
UNIT AGE: **Quaternary**
UNIT DESCRIPTION:

ADDITIONAL UNIT INFORMATION:

ROCKTYPE/S: **alluvium; colluvium;**

GEOLOGY SYMBOL: **Ql**
UNIT NAME: **Quaternary Lake Bonneville deposits**
UNIT AGE: **Quaternary**
UNIT DESCRIPTION:

ADDITIONAL UNIT INFORMATION:

ROCKTYPE/S: **clay or mud; sand; gravel; silt**

GEOLOGY SYMBOL: **T4**
UNIT NAME: **Tertiary (4) sedimentary rocks in Logan-Huntsville Allochthon**
UNIT AGE: **Middle Miocene to Late Pliocene**
UNIT DESCRIPTION:

ADDITIONAL UNIT INFORMATION:

ROCKTYPE/S: **mudstone; sandstone;**

APPENDIX E

SUPPORTING
DOCUMENTATION

Charlotte Irvine-CMT

From: Justin Lewis <jlewis@smithfieldcity.org>
Sent: Monday, March 2, 2020 1:45 PM
To: Charlotte Irvine-CMT
Cc: Craig Giles; Clay Bodily
Subject: GRAMA Request
Attachments: 20200302134049.pdf

Charlotte:

We have reviewed the attached GRAMA request.

FIRE: We are not aware of any issues or events.

HEALTH: We are not aware of any issues or events.

PLANNING: There is a geographical fault line which runs through the area according to the FEMA map. Also there are slopes on the property greater than 10% which makes them considered steep.

Let me know if you have any additional questions.

Thanks,

Justin B. Lewis
City Recorder

Smithfield City Corporation
96 South Main
Smithfield, UT 84335
P (435) 792-7990
F (435) 563-6228



FILE COPY

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION

Michael O. Leavitt
Governor

168 North 1950 West
P.O. Box 144840
Salt Lake City, Utah 84114-4840
(801) 536-4100 Voice
(801) 359-8853 Fax
(801) 536-4414 T.D.D.

SCANNED

Dianne R. Nielson, Ph.D.
Executive Director

Kent P. Gray
Director

DERR 1995-002361

ERRL-1158-95

October 19, 1995

Mr. Bruce A. Brown, C.E.P.
Utah Power & Light
1407 West North Temple, Suite 110
Salt Lake City, Utah 84140

Re: Release Site EFQN, UP&L Smithfield Service Center, 780 North Main Street, Smithfield, Utah
Facility Identification No. 0100258

Dear Mr. Brown:

The Utah Division of Environmental Response and Remediation (DERR) has reviewed the case file for the facility identified above. Your state project manager, **Pete Stewart**, has recommended that no further action be taken at this time, based upon review of the information contained in the file. The DERR staff has not made an independent investigation of the site but has relied on the information supplied by you or your consultant.

The information indicates that the petroleum release at the facility no longer poses a threat to human health or the environment at this time. In the future, if other evidence indicates a spread of contamination from the Facility which may cause a threat to human health or the environment, the DERR may require further action.

Sincerely,

Kent P. Gray, Executive Secretary (UST)
Utah Solid and Hazardous Waste Control Board

KPG/WPS/jf

cc: J. Brett Lazar, M.D., M.P.H., Director, Weber/Morgan District Health Department
Ginger Peterson, Huntingdon



APPENDIX F


STATEMENT OF QUALIFICATIONS





MARK LARSEN, P.G., E.P.


GEOLOGIST | ENVIRONMENTAL PROFESSIONAL

CONTACT

 | mark.larsen@cmtlaboratories.com

 | 496 East 1750 North, Suite B,
Vineyard, Utah 84057

 | 801.492.4132

 | cmtlaboratories.com

EDUCATION

Bachelor of Science Geology,
University of Utah, Salt Lake City,
1997

PROFESSIONAL LICENSES

Professional Geologist,
State of Utah,
License # 5293214-2250
Expires 3/3/19

AFFILIATIONS

Association of Environmental and
Engineering Geologists (AEG)
Associated Member

PROFESSIONAL EXPERIENCE

Mr. Larsen is an engineering geologist in the CMT Vineyard, Utah office. Mr. Larsen is responsible for procuring new geologic and environmental site assessment work and ensuring that the work is completed in a responsive, responsible, and professional manner. Mr. Larsen also assists the engineers in our geotechnical division with the geologic aspects of geotechnical projects.

Mr. Larsen's experience includes all aspects of geologic site classification and geologic hazards evaluation for all sizes of projects from single-family residential to multi-story commercial structures. In his 20 years of experience, Mr. Larsen has served as a project engineering geologist for a variety of private residential, commercial, industrial, and government projects. These include surface fault rupture hazard studies, landslide/slope stability studies, rock fall hazard studies, and debris flow/alluvial fan flooding hazard studies. This work includes preparing the geologic study programs, overseeing and conducting the field work, geologic analysis, report preparation, and consultation with project geotechnical engineers, site owners/managers, and construction managers.

CAPABILITIES

Geologic Hazards Assessment, Environmental Site Assessment, Geologic Site Characterization, Geotechnical Engineering Field Sampling

RELATED PROJECT EXPERIENCE

Mr. Larsen has performed numerous Phase I Environmental Site Assessments throughout the State of Utah.



LINDSEY BRADSHAW

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CONTACT



lindsey.bradshaw@
cmtlaboratories.com



496 East 1750 North, Suite B,
Vineyard, Utah 84057



801.864.9702



cmtlaboratories.com

EDUCATION

Bachelor of Arts, Interior
Design, Utah State University,
2009

ASTM Phase I & II ESA Class,
Las Vegas,
2014

ACCOMPLISHMENTS

Conducted, written, and managed
over 500 Environmental Site
Assessments

PROFESSIONAL EXPERIENCE

Ms. Bradshaw is an environmental specialist with more than 8 years of experience, mostly along the Wasatch Front and Rocky Mountain region. She joined CMT May 1, 2017 as an environmental specialist working in our Vineyard Office in Utah County.

Ms. Bradshaw has served as a project environmental specialist manager for a variety of commercial, industrial and government projects. These include hotels, stores, schools, storage facilities, multi-tenant and single-family residential development, industrial warehouses, gas stations, and banks. As a project manager, she has successfully implemented the scope of work, managed labor and material costs, and prepared useful Phase I and II Environmental Site Assessment reports.

RELATED PROJECT EXPERIENCE

- Phase I, II, and III ESA, Maple Hills Residential Subdivision, West Jordan, Utah
- Phase I, II, and III ESA, Terrace Hill Residential Subdivision, West Jordan, Utah
- Phase I, II, and III ESA, 9th and 9th Development, Salt Lake City, Utah
- Phase I, II, and III ESA, Pilgrims Loop Office Building, Lehi, Utah
- Phase I, II, and III ESA, Proposed Retail Development, Morgan, Utah
- Phase I and II ESA, Apollo Road Warehouse Structures, Salt Lake City, Utah
- Phase I and II ESA, Existing Gas Station & Convenient Store, Riverdale, Utah
- Phase I and II ESA, Existing Gas Station and Convenient Store, Logan, Utah
- Phase I and II ESA, Medical Building & Parking Structure, Murray, Utah
- Phase I and II ESA, Proposed Office Structures, Millcreek, Utah
- Phase I and II ESA, Proposed Retail Development, Sandy, Utah
- Phase I and II ESA, Gun Range Development, Murray, Utah
- Phase I and II ESA, Semi-Truck and Trailer Facility, Salt Lake City, Utah
- Phase I and II ESA, Proposed Industrial Development, North Salt Lake, Utah
- Phase I and II ESA, Existing Retail Shops, Sandy, Utah
- Phase I and II ESA, Proposed Industrial Development, Salt Lake City, Utah