



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
OF**

**Agricultural Parcel
Parcel #0081261.00
Hershey, Nebraska 69143**

ATC PROJECT NO. 204EM03155

August 19, 2020

Prepared by:

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Prepared for:

North Platte Chamber and
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1.0 EXECUTIVE SUMMARY

1.1 General Information

Project Information:

Commercial Property
Project #: 204EM03155

Site Information:

Former Hershey Flying Service
18488 W Highway 30
Hershey, Nebraska
Lincoln County

Consultant Information:

ATC Group Services
616 N Miles Avenue
North Platte, NE 69101
Telephone: (308) 221-5273
Reconnaissance Date: August 10, 2020
Site Assessor: Derek Dickinson
Senior Reviewer: Eric Mueggenberg

Site Access Contact:

Dennis Steffes

Client Information:

North Platte Chamber and
Development Corporation
502 South Dewey Street
North Platte, NE 69101



Andrew Gustin – Environmental Scientist
Report Author

Environmental Professional Statement:

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



Eric Mueggenberg, P.G. – Operations Manager
Senior Reviewer / Environmental Professional

1.2 Findings and Conclusions Summary

ATC Group Services LLC (ATC) has performed a Phase I Environmental Site Assessment (ESA) of the properties in conformance with the scope and limitations of ASTM Standard Practice E1527-13. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed evidence of *recognized environmental conditions* in connection with the property. The table below provides a summary of report findings and conclusions.

FINDINGS AND CONCLUSIONS SUMMARY							
Report Section		Further Action?	De Minimis Condition	REC and/or CREC	Historical REC	ASTM Non-Scope Condition	Description
4.0	User Provided Information	No					
5.1.1	Federal Database Findings	No					
5.1.2	State and Tribal Database Findings	No					
5.1.3	Local Environmental Record Sources	No					
5.2	Physical Setting Sources	No					
5.3	Historical Records Sources	No					
6.2	Hazardous Substance Use, Storage and Disposal	No	X				Note 1
6.3	Underground Storage Tanks	No					
6.4	Aboveground Storage Tanks	Yes	X	X		X	Note 1 / Note 2 / Note 3
6.5	Other Petroleum Products	No					
6.6	Polychlorinated Biphenyls (PCBs)	No					
6.7	Unidentified Substance Containers	No					
6.8	Nonhazardous Solid Waste	No					
6.9	Wastewater	No					
6.10	Waste Pits, Ponds and Lagoons	No					
6.11	Sumps	No					
6.12	Septic Systems	No					
6.13	Stormwater Management System	No					
6.14	Wells	No					
7.0	Subsurface Vapor Migration	No					
7.0	Interviews	No					
8.0	Asbestos-Containing Material (ACM)	No					
9.1	Radon	No					
9.2	Lead in Drinking Water	No					
9.3	Lead-Based Paint (LBP)	No					
9.4	Mold Screening	No					
9.5	Additional User Requested Conditions	No					

Note 1: Staining on concrete was observed near the 55-gallon drum containing waste oil in the middle shop and the 200-gallon diesel AST located in the northern shop. Petroleum staining on concrete represents a *de minimis* condition to the Property.

Note 2: Diesel staining on gravel was observed in the vicinity of the 500-gallon diesel AST located on the east side of the northern shop building. Diesel staining on gravel represents a *recognized environmental condition* to the Property.

[Note 3: Not all ASTs are located within secondary containment. ATC recommends the ASTs to be located within secondary containment.](#)

1.3 Significant Data Gap Summary

Data gaps may have been encountered during the performance of this Phase I ESA and are discussed within the section of the report where they were encountered. However, according to ASTM Standard Practice E 1527-13, data gaps are only significant if "other information and/or professional experience raise

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reasonable concerns involving the data gap." The following is a summary of *significant data gaps* identified in this report.

SIGNIFICANT DATA GAP SUMMARY		
Report Section		Description
3.5	Current Uses of Adjoining Properties	No <i>significant data gap</i> identified.
4.2	Environmental Liens or Activity and Use Limitations (AULs)	No <i>significant data gap</i> identified.
5.1	Standard Environmental Records	No <i>significant data gap</i> identified.
5.2	Physical Setting Sources	No <i>significant data gap</i> identified.
5.3	Historical Records Sources	No <i>significant data gap</i> identified.
6.1	Methodology and Limiting Conditions	No <i>significant data gap</i> identified.
7.0	Interviews	No <i>significant data gap</i> identified.

1.4 Recommendations

Based on information collected from the Phase I ESA, ATC offers the following recommendations:

- A limited Phase II Environmental Site Assessment to evaluate subsurface conditions near the 500-gallon diesel tank with staining on gravel.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA was to identify *recognized environmental conditions* and certain potential environmental conditions outside the scope of ASTM Standard Practice E 1527-13 in connection with the property at the time of the site reconnaissance. This report documents the findings, opinions and conclusions of the Phase I ESA.

2.2 Scope

This Phase I ESA was conducted in general accordance with the ASTM Standard Practice E 1527-13, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions or exceptions to ASTM Standard Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope of this assessment included an evaluation of the following:

- Physical setting characteristics of the property through a review of referenced sources such as topographic maps and geologic, soils and hydrologic reports.
- Usage of the property, adjoining properties and surrounding area through a review of referenced historical sources such as land title records, fire insurance maps, city directories, aerial photographs, prior reports and interviews.
- Observations and interviews regarding current property usage and conditions including: the use, treatment, storage, disposal or generation of hazardous substances, petroleum products, hazardous wastes, nonhazardous solid wastes and wastewater.
- Usage of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties on the property.
- Information in referenced environmental agency databases and local environmental records, within the specified approximate minimum search distance from the property.
- Potential for subsurface vapor migration in, on or at the property as described in Section 7.0.

The scope of the assessment also included consideration of the following environmental issues or conditions that are beyond the scope of ASTM Standard Practice E 1527-13:

- Mold Screening to report the findings of a baseline survey of readily observable mold and conditions conducive to mold on the property identified by limited interview, document review and physical observation and to provide an opinion on whether an identified condition warrants further action. The scope of work for the Mold Screening was intended to be consistent with ASTM Standard Practice E 2418-06: Standard Guide for Readily Observable Mold and Conditions Conducive to Mold in Commercial Buildings: Baseline Survey Process. No sampling or laboratory analyses were conducted. The Mold Screening service as described herein was limited in scope and by the time and cost considerations typically associated with performing a Phase I ESA. No method can guarantee that a hazard will be discovered if evidence of the hazard is not encountered within the performance of the Mold Screening as authorized and that opinions and conclusions must, out of necessity, be extrapolated from limited information and discrete, non-continuous data points. Unidentified mold or other microbial conditions may exist on the property.
- Visual observation of suspect asbestos-containing material (ACM), consisting of providing an opinion on the condition of suspect ACM on the property based upon visual observation during the site reconnaissance. No sampling of suspect ACM was conducted.

- Radon document review, consisting of the review of published radon data with regard to the potential for elevated levels of radon gas in the surrounding area of the property.
- Lead in drinking water data review, consisting of contacting the water supplier for information regarding whether or not the potable water provided to the property meets or exceeds drinking water standards for lead.
- Wetlands document review, consisting of a review of a current National Wetlands Inventory map of the surrounding area to note if the property is identified as having a wetland.
- Flood plain document review, consisting of a review of a reasonably ascertainable flood plain map of the surrounding area to note if the property is identified as being located within a flood plain.
- Regulatory Agency File and Records Review, consisting of conducting a file review (i.e., via Freedom of Information Act (FOIA) request or alternative method/source) for the property and/or one adjoining property at one regulatory agency, as warranted by the findings of the ESA.

2.3 Significant Assumption

Any assumptions in this report were not considered as having significant impact on the determination of *recognized environmental conditions* associated with the property.

2.4 Limitations and Exceptions

ATC has prepared this Phase I ESA report using reasonable efforts to identify *recognized environmental conditions* associated with hazardous substances or petroleum products at the property. Findings contained within this report are based on information collected from observations made on the day(s) of the site reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E 1527-13 recognizes inherent limitations for Phase I ESAs, including, but not limited to:

Uncertainty Not Eliminated – A Phase I ESA cannot completely eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with any property.

Not Exhaustive – A Phase I ESA is not an exhaustive investigation of the property and environmental conditions on such property.

Past Uses of the Property – Phase I requirements only require review of standard historical sources at five year intervals. Therefore, past uses of property at less than five year intervals may not be discovered.

Users of this report may refer to ASTM Standard Practice E 1527-13 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews and reviews of historical sources. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other property construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

ATC makes no representation or warranty that the past or current operations at the property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. This report

does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts not fully disclosed to ATC during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by ATC's observations or other credible referenced sources reviewed during the assessment. ATC shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

ATC makes no warranty, guarantee or certification regarding the quality, accuracy or reliability of any prior report provided to ATC and discussed in this Phase I ESA report. ATC expressly disclaims any and all liability for any errors or omissions contained in any prior reports provided to ATC and discussed in this Phase I ESA report.

ATC used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the property during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions and conclusions of this assessment, which are limited by the scope of the assessment, schedule demands, cost constraints, accessibility limitations and other factors associated with performing the Phase I ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations, and may not be used for such purposes in any form without the express written permission of ATC.

ATC is not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the property in this report, represent a comprehensive definition or precise delineation of property ownership or boundaries.

The Environmental Professional Statement in Section 1.1 of this report does not "certify" the findings contained in this report and is not a legal opinion of such Environmental Professional. The Environmental Professional Statement is intended to document ATC's opinion that an individual meeting the qualifications of an Environmental Professional was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the Environmental Professional were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E 1527-13 and the scope of work for this assessment.

Per ASTM Standard Practice E 1527-13, Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of *recognized environmental conditions* in connection with the property. Failure by the User to fully comply with the requirements may impact their ability to use this report to help qualify for Landowner Liability Protections (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). ATC makes no representations or warranties regarding a User's qualification for protection under any federal, state or local laws, rules or regulations.

In accordance with the ASTM Standard Practice E 1527-13, this report is presumed to be valid for a six month period. If the report is older than six months, the following information must be updated in order for the report to be valid: (1) regulatory review, (2) site visit, (3) interviews, (4) specialized knowledge and (5) environmental liens search. Reports older than one year may not meet the ASTM Standard Practice 1527-13 and therefore, the entire report must be updated to reflect current conditions and property-specific information.

Other limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

2.5 Special Terms and Conditions (User Reliance)

This report is for the use and benefit of, and may be relied upon by North Platte Chamber and Development Corporation, and any of its affiliates, and third parties authorized in writing by North Platte Chamber and Development Corporation and ATC, including the lender(s) in connection with a secured financing of the property, and their respective successors and assigns. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the property that were not discovered within the authorized scope of the assessment. Any use by or distribution of this report to third parties, without the express written consent of ATC, is at the sole risk and expense of such third party.

ATC makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied. Unless otherwise agreed upon in writing by ATC and a third party, ATC's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a total maximum amount of \$100,000.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Property is located at 18488 W Highway 30 and is identified as Parcel #0081261.00, Hershey, Lincoln County, Nebraska 69143. The Site Vicinity Map is located in Appendix A. The specific property boundaries are shown on the Site Plan provided in Appendix B. Site Photographs are provided in Appendix C. The legal description of the Property is provided in Appendix L. According to information obtained from the Lincoln County Assessor, a brief tax description for the Property is described as follows: PT. NE1/4 28-14-32 7.20 A.

3.2 Surrounding Area General Characteristics

The Property is located east of Hershey, Nebraska. The surrounding area is characterized primarily as commercial / agricultural. The Property is zoned Ag – Agricultural. Specific adjacent property uses are described in detail in Section 3.5. The topography in the property vicinity slopes gradually down to the east. A Site Vicinity Map is located in Appendix A.

3.3 Current Use of the Property

The Property consists of approximately 7.1 acres and is currently utilized as an agricultural field.

3.4 Description of Property Improvements

The following table provides general descriptions of the property improvements.

PROPERTY IMPROVEMENTS	
Size of Property (approximate)	7.1 acres
General Topography of Property	Overall topography slopes towards the east
Adjoining and/or Access/Egress Roads	Highway 30 is adjacent to the north. (Access)
Paved or Concrete Areas (including parking)	None
Unimproved Areas	None
Landscaped Areas	None
Surface Water	None
Potable Water Source	Village of Hershey
Sanitary Sewer Utility	Village of Hershey
Storm Sewer Utility	Village of Hershey
Electrical Utility	Village of Hershey
Natural Gas Utility	Northwestern Public Service
Current Occupancy Status	Occupied
Number of Buildings	5

3.5 Current Uses of Adjoining Properties

The Site Vicinity Map in Appendix A depicts the surrounding land uses. Current uses of the adjoining properties were observed to be as follows:

Direction from Property	Address	Occupant(s) Name	Current Use	Potential Environmental Conditions
North (across Highway 30)	No Address	Agricultural	Agriculture	None
East	No Address	Agricultural	Agriculture	None
South	No Address	Agricultural	Agriculture	None
West	18610 Highway 30	Greenbrier Rail Services	Commercial	None

4.0 USER PROVIDED INFORMATION

The following section summarizes information (if any) provided by the North Platte Chamber and Development Corporation (User) with regard to the Phase I ESA. Documentation may be found in Appendix D or where referenced in this report.

4.1 Title Records

The User provided no title records information.

4.2 Environmental Liens or Activity and Use Limitations (AULs)

User provided no information regarding property environmental liens or activity and use limitations. ATC retained Environmental Data Resources (EDR) of Shelton, Connecticut to perform an environmental lien and activity and use limitations search. Their review did not identify any environmental liens or activity and use limitations for the property. The document providing their findings is attached in Appendix L.

4.3 Specialized Knowledge or Experience of the User

The User provided no specialized knowledge regarding *recognized environmental conditions* associated with the property.

4.4 Significant Valuation Reduction for Environmental Issues

The User provided no information regarding a significant valuation reduction for environmental issues associated with the property.

4.5 Owner, Property Manager and Occupant Information

User provided no specific information identifying the property owner, manager or occupants other than that the property is currently an agricultural field.

4.6 Reason for Performing Phase I ESA

According to information provided by the User, this Phase I ESA will be used in connection with a commercial real estate transaction to identify RECs associated with the Property.

4.7 Other User Provided Documents

Per the ASTM Standard Practice E 1527-13 ATC obtained the documents listed below from User. Further discussion may be found in relevant sections of this report.

OTHER USER PROVIDED DOCUMENTS		
Title	Date (if known)	Author and/or Source (if known)
Client Questionnaire	August 17, 2020	ATC / Filled out and signed by Gary Person, President & CEO of North Platte Area Chamber & Development

5.0 RECORDS REVIEW

5.1 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by Environmental Data Resources (EDR) of Shelton, Connecticut was reviewed for information regarding reported releases of hazardous substances and petroleum products on or near the property. ATC also reviewed the “unmappable” (also referred to as “orphan”) listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence, but are potentially in the general area of the property based on the partial street address, city, or zip code. Any unmappable site that was identified by ATC as being within the approximate minimum search distance from the property based on the site reconnaissance and/or cross-referencing to mapped listings is included in the discussion within this section. The complete regulatory agency database report may be found in Appendix E.

The following is a summary of the findings of the database review.

SUMMARY OF FEDERAL, STATE AND TRIBAL DATABASE FINDINGS			
Regulatory Database	Approx. Minimum Search Distance	Property Listed?	# Sites Listed
Federal National Priority List (NPL)	1 mile	No	0
Federal Delisted NPL	½ mile	No	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	½ mile	No	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP)	½ mile	No	0
Federal Resource Conservation and Recovery Act (RCRA), Corrective Action facilities (CORRACTS)	1 mile	No	0
Federal RCRIS non- CORRACTS Treatment, Storage, and Disposal Facilities (TSD)	½ mile	No	0
Federal RCRA Generators	Property & Adjoining	No	0
RCRA NonGen / NLR	¼ miles	No	0
Federal Institutional Control/Engineering Control Registry	Property	No	0
Federal Emergency Response Notification System (ERNS) list	Property	No	0
US AIRS	Property	Yes	1
State and Tribal NPL	1 mile	No	0
State and Tribal CERCLIS	½ mile	No	0
State and Tribal Landfill or Solid Waste Disposal Sites	½ mile	No	0
State and Tribal Leaking Underground Storage Tanks (LUST)	½ mile	No	0
State and Tribal Registered Underground Storage Tanks (UST)	¼ mile	No	0
State and Tribal Registered Aboveground Storage Tanks (AST)	¼ mile	No	0
State and Tribal Institutional Control/Engineering Control Registry	½ mile	No	0
State and Tribal Voluntary Cleanup Site	½ mile	No	0
State and Tribal Brownfield Sites	½ mile	No	0
US Brownfields	½ mile	No	0
IA Allsites	½ mile	No	0
EDR High Risk Historical Records (MGP)	1 mile	No	0
EDR High Risk Historical Records (Hist Auto)	1/8 mile	No	0
EDR High Risk Historical Records (Hist Cleaner)	1/8 mile	No	0

5.1.1 Federal Agency Database Findings

Hershey Flying Service

18488 W Highway 30

Hershey, Nebraska 69143

Databases: US AIRS, AIRS, FINDS, ECHO

Approximate Distance from the Property: Target Property

Assumed Groundwater Gradient: Target Property

Regulatory Data Summary: According to the EDR Radius Map Report, this facility is listed in Aerometric Information Retrieval System (AIRS) database for minor emissions of particulate matter <10um. According to the Environmental Protection Agency (EPA) Envirofacts Report this facility is in compliance with information for the site last being updated on November 25, 2013. No violations were reported. The FINDS database contains both facility information and pointers to other sources that contain more detail. In this case, the FINDS database points to the AIRS listing for the facility.

Discussion: Based on the current regulatory status and lack of reported releases, this facility is not considered to represent a *recognized environmental condition* to the Property.

5.1.2 State and Tribal Database Findings

No sites were identified in the federal, state and tribal agency databases reviewed.

5.1.3 Local Environmental Records Sources

Local Environmental and Health Department

ATC submitted a FOIA (Freedom of Information Act) to Lincoln County requesting any information on the Property. As of the time of this report, ATC has received no response from the county. Should information be obtained that significantly alters the conclusions of this assessment, ATC will forward all pertinent information to the Client. A copy of this response is included in Appendix J.

Fire Department

ATC attempted to contact the Village of Hershey Fire Department for information concerning the property. As of the time of this report, ATC has received no response from the county. Should information be obtained that significantly alters the conclusions of this assessment, ATC will forward all pertinent information to the Client. A copy of this response is included in Appendix J.

Electrical Utility Company

The Property is supplied by the Nebraska Public Power District (NPPD) for electricity.

Water Utility

The Property is supplied by a private water well.

Sewer Utility

The Property is supplied with a private septic system.

Other Local Environmental Records Sources

No additional local environmental records sources were reviewed.

5.2 Physical Setting Sources

5.2.1 Topography

Based on the United States Geological Survey (USGS) 7.5 Minute Topographic Map, Hershey East, Nebraska Quadrangle, dated 2011, the property is located approximately 2,890 feet above mean sea level (MSL). The property and the surrounding areas slope down to the east. No surface waters are depicted as being present on the property. In addition, no production wells or other significant surface features were depicted on the USGS map at the property or adjacent properties. A copy of the topographic map is included in Appendix G.

5.2.2 Geology

According to the EDR Radius Map with Geotcheck report, bedrock in the vicinity of the property consists of continental deposits of Tertiary System, Pliocene, Cenozoic. Depth to bedrock was not included in the report and ATC did not observe exposed bedrock outcrop at the property.

5.2.3 Soils

The United States Department of Agriculture (USDA) Soil Conservation Service *Custom Soil Resource Report for Lincoln County, Iowa* classified the surficial soils on and in the vicinity of the property as Lex loam, occasionally flooded and Silver Creek silt loam, occasionally flooded. Lex loam, occasionally flooded soils consist of somewhat poorly drained soils with moderately high to high infiltration rates and are not

considered hydric. Silver Creek silt loam, occasionally flooded soils consist of somewhat poorly drained soils with very low to moderately high infiltration rates and are not considered hydric.

5.2.4 Hydrology

No past groundwater investigations have been identified for the Property; thus, no site-specific groundwater information was available. However, regional groundwater flow direction is generally influenced by major hydrogeologic features such as a river or lake. Surface and/or bedrock topography may also influence regional groundwater flow direction. The available hydrogeologic information indicates that the presumed local groundwater flow direction is to the east towards South Platte River (nearest water body, if applicable), located approximately 3,850 feet from the Property. It should be noted that local geologic features may cause local groundwater flow direction to differ from the regional flow direction. Local hydraulic gradient at the Property was interpreted based on a review of the Hershey East, Nebraska USGS Topographic Map. Therefore, in assessing potential external environmental impact, properties located directly west (presumed upgradient) of the Property are of primary concern. Estimated groundwater levels and/or flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations, and can be more accurately determined through the installation of groundwater monitoring wells.

5.2.5 Other Physical Setting Sources

Flood Plain Map

ATC reviewed the National Flood Insurance Program, Flood Insurance Rate Map (FIRM), to determine if the property is located within a floodplain. According to FIRM map, the Property is located within Zone X, an area outside the 500-year floodplain and determined to be outside the 1% and 0.2% annual chance floodplains. Refer to Appendix L for a copy of the FIRM.

Wetlands Map

According to a review of the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) database (<http://wetlandsfws.er.usgs.gov/>), a freshwater emergent wetland traverses the southern portion of the Property from west to east. A copy of the wetlands map is located in Appendix L.

5.3 Historical Records Sources

The following table summarizes the findings of the research pertaining to historical property and surrounding area uses.

Intervals (greater than five years) were encountered during the research of historical use information for the property and surrounding area. However, based on the review of reasonably ascertainable historical sources, these intervals did not have an impact on the *recognized environmental condition* determinations of this assessment and are not considered significant data gaps.

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HISTORICAL USE SUMMARY				
Period	Identified Historical Uses		Source(s)	Intervals/Comments
	Property	Surrounding Area		
Prior to 1940	Commercial	Undeveloped and/or Agriculture	Topographic Maps (1899,1902)	Earliest record is an 1899 topographic map.
1940-1960	Commercial	Agriculture / Residential	Aerial Photograph (1953)	Interval Gap: 1902-1953
1961-1980	Commercial	Agriculture / Residential	Aerial Photographs (1969,1970) Topographic Map (1970)	Interval Gap: 1953-1969
1981-2000	Commercial	Agriculture / Residential	Aerial Photographs (1981,1988,1993,1999) Topographic Map (1985)	Interval Gap: 1970-1981
2001-Present	Commercial	Agriculture / Residential / Commercial	Aerial Photographs (2006,2009,2012,2016) City Directories (2005,2010,2014,2017) Topographic Map(2011)	No Interval Gaps

According to the review of historical records and owner interview, the Property was utilized as the Hershey Flying Service from at least 1949 until 2011. The surrounding area has historically been undeveloped or agricultural land until commercial development west of the Property began in the 2010's.

Interval gaps (greater than five years) were encountered during the research of historical use information for the Property and surrounding area. However, based on the review of available historical sources, these data gaps did not have an impact on the REC determinations of this assessment and are not significant data gaps.

5.3.1 Aerial Photographs

ATC reviewed available aerial photographs of the property and surrounding area obtained from EDR. Available aerial photographs ranged from 1938 to 2017. The following table includes descriptions and interpretations from the aerial photograph review. Copies of reproducible aerial photographs are included in Appendix F.

AERIAL PHOTOGRAPH SUMMARY		
Year	Scale	Comments
1953	1" = 500'	Property: A long structure and feed silos are depicted on the northern portion of the Property. Surrounding Area: A residential farmstead is depicted to the northeast of the Property. The surrounding area in all other directions is agriculture. A drainage canal is depicted along the northern Property boundary.
1969 1970	1" = 500' 1" = 500'	Property: Four (4) structures are depicted on the northern portion of the Property. The long structure and feed silos have been demolished. Surrounding Area: A residential farmstead is depicted to the northeast of the Property. The surrounding area in all other directions is agriculture.
1981	1" = 1000'	Property: Image quality too low to discern Property usage. Surrounding Area: The residential farmstead to the northeast has been removed.
1988	1" = 750'	Property: Image quality too low to discern Property usage. Surrounding Area: The surrounding area appears as it did during the previous aerial photograph.
1993	1" = 750'	Property: Several structures are depicted on the northern portion of the Property. Surrounding Area: The surrounding area is agriculture in all directions.
1999	1" = 500'	Property: Three shop buildings and a residential dwelling are depicted on the northern portion of the Property. Several outbuildings are depicted on the southern portion of the Property. Surrounding Area: The surrounding area is agriculture in all directions.
2006 2009	1" = 500' 1" = 500'	Property: Three shop buildings are depicted in the northwestern quadrant, and a residential dwelling is depicted in the northeastern quadrant. One outbuilding is now depicted on the southern half of the Property. Surrounding Area: The surrounding area is agriculture in all directions.
2012 2016	1" = 500' 1" = 500'	Property: The Property appears as it did during site reconnaissance. Surrounding Area: Commercial development and a railroad spur is depicted on the western adjacent property. A pond is now depicted adjacent to the south of the Property.

The review of aerial photographs did not identify past uses indicating *recognized environmental conditions* in, on, or at the property or surrounding area. For further discussion regarding the storage tanks located at the southwestern adjacent parcel, refer to Section 5.1.2.

5.3.2 Fire Insurance Maps

A search for fire insurance maps for the Property and surrounding area was conducted by EDR. No such maps for the Property and surrounding area were available.

5.3.3 Property Tax Files

ATC reviewed reasonably ascertainable tax files at the Lincoln County Assessors Property Report Card for historical ownership information pertaining to the property. No historical ownership information was present within the files for the property. The property is identified as parcel number 0081261.00 and Dennis Steffes is listed as the current owner. The property tax search did not identify past uses indicating *recognized environmental conditions* at the property. The property tax information is provided in Appendix L.

5.3.4 Recorded Land Title Records

ATC attempted to review recorded land title records for the property at the Lincoln County Assessors website. No public deed records were available. The current owner was listed as Dennis Steffes.

5.3.5 Historical USGS Topographic Maps

ATC reviewed reasonably ascertainable historical USGS Topographic Maps for information regarding past uses of the property obtained from EDR. Documentation is included in Appendix G.

Date(s)	Quad	Property Comments	Surrounding Area Comments
1899 1902	North Platte	The Property is depicted as undeveloped.	Small structures are depicted to the east of the Property.
1970	Hershey East	Two small structures and a large structure are depicted on the Property. An unimproved road enters the Property on the northeastern corner and exits on the southeastern corner.	Two small structures and an intermittent stream are depicted to the north. A aviation landing strip is depicted to the southeast of the Property.
1985	North Platte (Image Quality Low)	Property is depicted as undeveloped.	A landing strip is depicted to the southeast of the Property.
2011	Hershey East	Property is depicted as undeveloped.	No structures are depicted on the 2011 topographic map. Highway 30 is depicted adjacent to the north of the Property and N Parkway Road is depicted to the east of the Property.

The review of historic USGS Topographic Maps did not identify past uses indicating *recognized environmental conditions* at the property or surrounding area.

5.3.6 City Directories

Research regarding the availability of historical city directories was conducted by EDR for the years 2005 to 2017 in approximately five-year intervals. The following are descriptions and interpretations from the historical city directory review. Documentation is included in Appendix F.

Year	Property Comments	Surrounding Area Comments
2005	Residential	W Highway 30 18825 - RESIDENTIAL

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		19559 - RESIDENTIAL 19611 - RESIDENTIAL 25571 - RESIDENTIAL 25573 - RESIDENTIAL
2010	No Listing	W Highway 30: 18825 - RESIDENTIAL 19559 - RESIDENTIAL 19611 - RESIDENTIAL 25571 - RESIDENTIAL 25573 - RESIDENTIAL 26169 - BAYNE FARMS INC
2014	No Listing	W Highway 30: 17425 – FRELS IRONWORKS 18610 - GREENBRIER RAIL SERVICES 18825 - RESIDENTIAL 19559 - RESIDENTIAL 19611 - RESIDENTIAL 25571 - RESIDENTIAL 25573 - RESIDENTIAL
2017	No Listing	W Highway 30: 17425 – FRELS IRON WORKS 18610 – GREENBRIER RAIL SERVICES 26169 – VIEYRAS METAL WORKS

The review of historical city directory records did not identify past uses indicating *recognized environmental conditions* in, on, or at the Property or surrounding area.

5.3.7 Building Department Records

ATC contacted Lincoln County and the Village of Hershey in regards to building department records for the property. No building department records were made available.

5.3.8 Zoning/Land Use Records

ATC attempted to review available historical zoning/land use records from the Village of Hershey, Nebraska for information regarding past uses of the property and surrounding area. No historical zoning/land use information was readily available. However, the Property is currently zoned Ag – Agricultural.

5.3.9 Prior Reports

ATC reviewed a Phase I Environmental Site Assessment for the Hershey Flying Service Property located at 18488 W Highway 30 in Hershey, Nebraska conducted by Coranco Great Plains, Inc. and dated January 18, 2010. No *recognized environmental conditions* were noted in the 2010 report.

ATC makes no warranty, guaranty or certification regarding the quality, accuracy or reliability of any third-party prior assessment discussed in this report. ATC makes no claim that any prior assessment information may be relied upon by any party other than the original user during the shelf-life of that report. ATC expressly disclaims any and all liability for any errors or omissions contained in any third-party prior assessments discussed in this report.

5.3.10 Other Historical Sources

No other historical sources were reviewed.

6.0 SITE RECONNAISSANCE

The following is a summary of visual and/or physical observations of the property by Derek Dickinson on the day (August 10, 2020) of the site visit. ATC was accompanied with Dennis Steffes during the site reconnaissance. Photographs can be found in Appendix C.

6.1 Methodology and Limiting Conditions

Mr. Derek Dickinson conducted the site reconnaissance on August 10, 2020 and was escorted during his site visit. The site reconnaissance consisted of visual and/or physical observations of: the property and improvements; adjoining sites as viewed from the property; and, the surrounding area based on visual observations made during the trip to and from the property. Unimproved portions of the property (if any) were observed along the perimeter and in a general grid pattern in safely accessible areas, if accessible and possible. Building exteriors (if any) were observed along the perimeter from the ground, unless described otherwise. Building interiors (if any) were observed as they were made safely accessible, unless described otherwise. Weather conditions were partly cloudy with temperatures in the 80's during the site visit.

6.2 Hazardous Substance Use, Storage, and Disposal

ATC observed the use, storage or disposal of hazardous substances, including hazardous wastes, on the Property as follows:

Location	Capacity / Contents	Issues?
Middle Shop Building	55 Gallon Drum / Waste Oil	De Minimis Staining
Middle Shop Building	Two (2) 55 Gallon Drums / Hydraulic Fluid	None

ATC also observed numerous small retail containers of oils, oil filters, hydraulic oils, and engine oils at the Property. *De minimis* staining was noted in the vicinity of the 55-gallon waste oil drum and in the vicinity of a pile of wood, metal, and containers in the middle shop building.

6.3 Underground Storage Tanks (USTs)

ATC did not observe evidence of USTs on the property.

6.4 Aboveground Storage Tanks (ASTs)

ATC observed the following aboveground storage tanks on the Property.

Location	Capacity / Contents	Secondary Containment	Issues?
North Side of Property	500 Gallons / Waste Oil	Yes	None
North Side of Property	300 Gallons / Empty	No	Tipped over, No staining observed near tank.
North Side of Property	300 Gallons / Empty	No	Rusty exterior, No staining observed near tank.
East Side of North Shop Building	500 Gallons / Diesel	No	Staining on gravel observed near tank.
East Wall Inside North Shop Building	200 Gallons / Diesel	No	De Minimis staining on concrete.

ATC observed a 500 gallon diesel AST located on the east side of the north shop building with a large area of petroleum staining on gravel in the vicinity of the tank which represents a *recognized environmental condition* to the Property.

ATC also observed an empty 300-gallon AST tipped over and an empty rusted AST on the north side of the Property, and a 200 gallon diesel AST with staining on concrete located in the north shop building. No staining was observed in the vicinity of the empty ASTs located on the north side of the Property. Therefore they do not represent a *recognized environmental condition* to the Property. However, ATC recommends proper upkeep of ASTs, if put back into use and implementation of secondary containment. Also, ATC recommends all ASTs to be stored in secondary containment. The presence of staining on concrete in the vicinity of the 200-gallon diesel AST located along the east wall inside the north shop building represents a *de minimis condition* to the Property.

6.5 Other Petroleum Products

ATC did not observe the use, storage or disposal of other petroleum products in transformers, hydraulic lifts or other containers on the property.

6.6 Polychlorinated Biphenyls (PCBs)

ATC did not observe evidence of the use, storage or disposal of common sources of PCB-containing electrical equipment in, on or at the Property.

6.7 Unidentified Substance Containers

ATC did not observe the presence of unidentified substance containers on the property.

6.8 Nonhazardous Solid Waste

Municipal solid waste is reportedly handled by the local sanitarian on an as needed basis. ATC observed a pile of tires located south of the southern outbuilding as well as near the shop buildings at the Property.

6.9 Wastewater

ATC did not observe evidence of wastewater generated on the Property

6.10 Waste Pits, Ponds and Lagoons

ATC did not observe evidence of waste pits, ponds or lagoons on the Property.

6.11 Drains and Sumps

ATC did not observe evidence of drains and/or sumps on the Property.

6.12 Septic Systems

ATC observed evidence of a septic system on the Property located adjacent to the residence located on the eastern portion of the Property. The presence of a residential septic system does not represent a *recognized environmental condition* to the Property.

6.13 Stormwater Management System

Stormwater at the Property flows via laminar flow towards a drainage ditch located on the northern portion of the Property which flows from west to east. The Property is agricultural land. The observed vegetation did not exhibit signs of biological stress. No strong odors or stressed vegetation was observed.

6.14 Wells

ATC observed a potable water well located near the residential dwelling located on the eastern portion of the Property.

7.0 SUBSURFACE VAPOR MIGRATION

Hazardous gases (vapor) from subsurface sources, such as contaminated soil or groundwater can migrate into residential, commercial, and industrial buildings with any foundation type, including basements, crawlspaces, or slabs. According to EPA guidance, three conditions must exist for hazardous vapors to reach the interior of buildings from the subsurface environment underneath or near a building. First, a source of hazardous vapors must be present in the soil or in groundwater underneath or near a building. Second, vapors must form and have a pathway along which to migrate toward the building. Third, entry routes must exist for the vapors to enter the building, and driving forces must exist to draw the vapors into the building.

ATC considered the nature and extent of on-site and nearby sources of potential subsurface vapor migration by evaluating the current and historical usage of the property, the construction type and history, the physical setting, and the potential sources of subsurface vapor migration through the review of regulatory agency database information that was summarized in Section 5.0. Based on the evaluation of the known or suspected releases of hazardous substances or petroleum products, distance from the property, potential pathways, and soil type, et al, no potential subsurface vapor migration sources were determined to represent a recognized environmental condition.

8.0 INTERVIEWS

The following persons were interviewed to obtain information regarding *recognized environmental conditions* in connection with the property:

INTERVIEW SUMMARY				
Role	Name	Title/Company	Years Assoc. With Property	Interview Type/Date
Local Gov't Official	Shelby Morrison	Clerk / Village of Hershey	None	Email
Local Gov't Official	Brandon Myers	Planning and Zoning / Village of Hershey	None	Email
Site Contact	Dennis Steffes	Owner	Unknown	In Person
User	Gary Person	User	None	User Questionnaire

Pertinent information from the interviews is discussed in applicable sections of this report.

9.0 OTHER ENVIRONMENTAL CONDITIONS

9.1 Asbestos-Containing Materials (ACM)

Based on the scope of work for this ESA, sampling and analyses of suspect ACM was not conducted. Any suspect ACM should be properly assessed prior to disturbance from construction, renovation or maintenance activities. Observed building materials and finishes were noted to be in good condition at the time of the site visit. No O&M plan is in place at the Property.

9.2 Radon

Radon is a naturally occurring colorless, odorless gas that is a by-product of the decay of radioactive materials potentially present in bedrock and soil. The EPA guidance action level for residential exposure to radon is 4.0 picoCuries per liter of air (pCi/L). The guidance action level is not a regulatory requirement for private owners of commercial real estate, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

ATC's review of published radon data indicates that the property is located in an area having low potential for the presence of elevated levels of radon gas. Federal and state area radon information for Lincoln County in the 69143 zip code area indicated test results yielded an average result of 3.1 pCi/L with a basement average of 5.8 pCi/L. Based on these statistics, and the fact that the property is primarily used as commercial, radon is not considered to represent an environmental concern to the property and no additional investigations are recommended at this time.

9.3 Lead in Drinking Water

ATC obtained the most recent water quality report available from the Village of Hershey. ATC reviewed the report that included sampling in 2019 and the supplied water meets or exceeds all drinking water standards, including those for lead. A copy of the report is included in Appendix L.

According to the owner, the residential dwelling at the Property is supplied by a water well. No water quality reports were made available for the water well.

9.4 Lead-Based Paint (LBP)

Based on the scope of work for this ESA, screening tests of suspect LBP was not conducted. Any suspect LBP should be properly assessed prior to disturbance from construction, renovation or maintenance activities. Observed building finishes were noted to be in good condition at the time of the site visit.

Based on the construction date of the Property (1967-1990), it is possible that LBP has been used on the Subject Property in the past.

9.5 Mold Screening

During the site reconnaissance, ATC conducted a physical observation of certain HVAC system areas and other representative building areas as described in Section 2.2. ATC was escorted by Dennis Steffes, who provided access and answered questions.

Based on physical observation, ATC did not find evidence indicating potential mold impact at the Subject Property.

9.6 Additional User Requested Conditions

No additional User requested services were included in the scope of work for this ESA.

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Fmr Hershey Flying Service
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10.0 REFERENCES

ASTM International, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM Designation E1527-13, November 2013.

ASTM International Standard Guide for Readily Observable mold and Conditions Conducive to Mold in Commercial Buildings: Baseline Survey Process, ASTM Designation E 2418-06, Published March 2006.

Village of Hershey.

Village of Hershey Fire Department.

Village of Hershey, Zoning Map.

Village of Hershey, Water Quality Report, 2019.

EDR, Aerial Photo Decade Package, Inquiry Number 6136640.5, dated July 29, 2020.

EDR, City Directory Image Report, Inquiry Number 6136640.6, dated July 30, 2020.

EDR, Certified Sanborn Map Report, Inquiry Number 6136640.3, dated July 28, 2020.

EDR, Environmental Lien and AUL Search, Inquiry Number 6136640.9S, dated July 30, 2020.

EDR, Radius Map Report with Geocheck, Inquiry Number 6136640.2s, dated July 28, 2020.

Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map FIRMette, Map Number 31111C0590C, Lincoln County, Iowa and Incorporated Areas, Effective Date January 2, 2009.

Lincoln County Assessor's Website.

Lincoln County Public Health Department.

Lincoln County Assessor, Property Record Card.

United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) online database (<http://wetlandsfws.er.usgs.gov>).

United States Geological Survey (USGS) Topographic Map, Hershey East, Nebraska Quadrangle Map, 7.5 Minute Series, dated 2011.

USGS Historical Topographic Maps, <https://ngmdb.usgs.gov/topoview/viewer/#4/40.00/-100.00>

- Appendix A - Site Vicinity Map**
- Appendix B - Site Plan**
- Appendix C - Site Photographs**
- Appendix D - User Provided Documentation**
- Appendix E - Regulatory Database Report**
- Appendix F - Aerial Photographs**
- Appendix G - Historical Research Documentation**
- Appendix H - Prior Reports**
- Appendix I - Resumes**
- Appendix J - Records of Communication**
- Appendix K - Laboratory Reports**
- Appendix L - Other Supporting Documentation**

11.0 TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E1527-13. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions or additional explanation regarding the meaning of terms.

recognized environmental condition(s) (REC) - 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 indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

material threat - a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional (EP), is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

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 the appropriate governmental agencies. An example might include a release of *hazardous substances* or *petroleum products* that could reasonably and foreseeably result in a concentration exceeding the applicable regulatory agency risk-based residential standards or substantial damage to natural resources. The risk of that exposure or damage would represent a threat to human health or the environment. If an enforcement action would be less likely than not, then the condition is considered to be generally not likely the subject of an enforcement action. A condition determined to be *de minimis* is not a *REC* or *controlled recognized environmental condition (CREC)*.

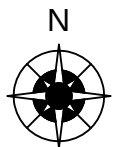
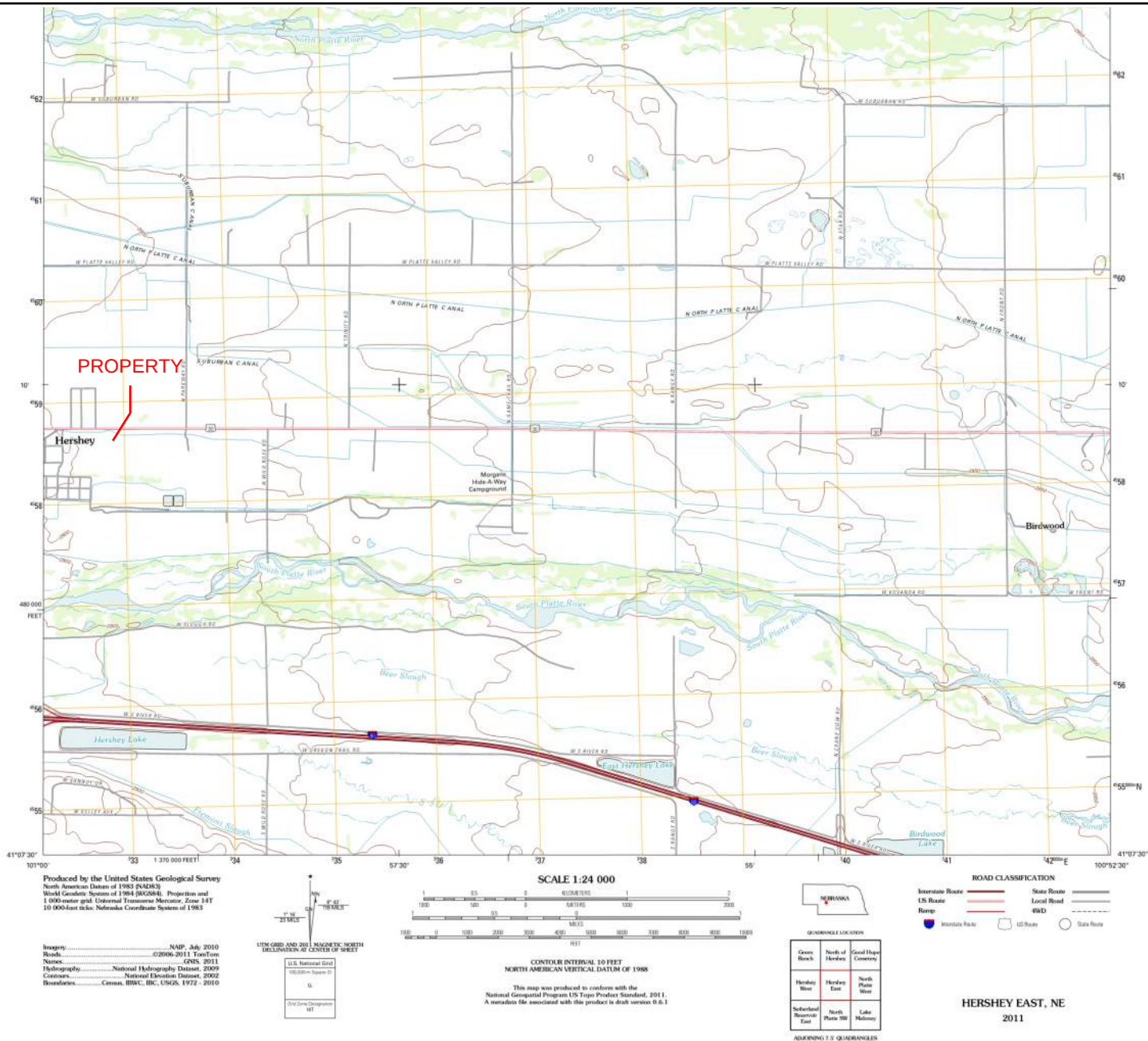
historical recognized environmental condition(s) (HREC) - a past release of any *hazardous substances* or *petroleum products* that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a *HREC*, the EP must determine whether the past release is a *REC* at the time the assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a *REC* at the time the Phase I ESA is conducted, the condition will be reported in Section 1.2 the Findings and Conclusions Summary table as a *REC*.

controlled recognized environmental condition (CREC) - 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 limitation, institutional controls, or engineering controls). Per E1527-13, a *CREC* will be reported in the Section 1.2 Findings and Conclusions Summary table as a *CREC* and a *REC*.

migrate/migration - refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface

Appendix A

Site Vicinity Map



LEGEND



—AN ATLAS COMPANY—

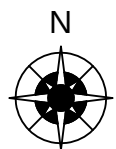
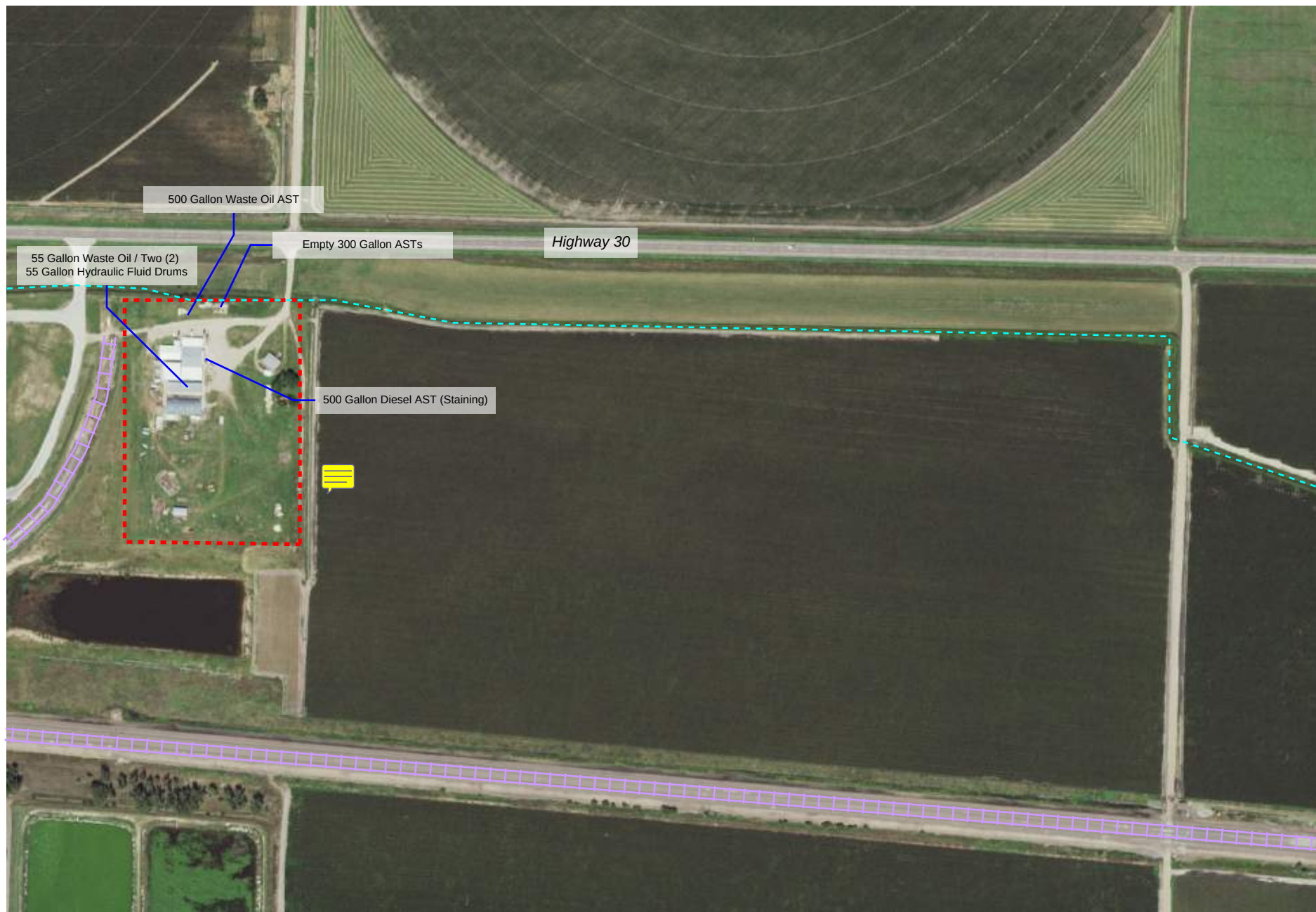
4503 E 50th Street, Suite 800
 Des Moines, Iowa 50317
 Office: (515) 981-4528

Appendix A - Site Vicinity Map
 Phase I Environmental Site Assessment
 Parcel #0078700.10
 Hershey, Nebraska

DWN BY	ADG	SCALE	5,000 ft
DATE	8/3/2020	1" = 5,000'	
JOB NUMBER	204EM03155	SHEET	1 of 1

Appendix B

Site Plan



LEGEND

- = Property Boundary
- = Intermittent Stream
- = Railroad Spur



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Appendix B - Site Plan
Phase I Environmental Site Assessment
Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska

DWN BY	ADG	SCALE	1" = 550'	550 ft
DATE	8/19/2020	JOB NUMBER	204EM03155	SHEET
				1 of 1

Appendix C

Site Photographs



PHOTO 1: View of the Property from the north, looking southwest.



PHOTO 2: View of the Property from the north, looking southeast.



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4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204EM03155

DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

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PHOTO 3: View of the Property from the northwest, looking southeast.



PHOTO 4: View of the Property from the southwest, looking northeast.



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4503 E 50th Street, Suite 800
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DESIGNED BY: ATC

SCALE: NTS

REVIEWED BY: EM

DRAWN BY: ADG

DATE: 8/19/2020

FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

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PHOTO 5: View of the adjoining properties to the east, looking east.



PHOTO 6: View of the adjoining properties to the northwest, looking northwest.



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DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

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PHOTO 7: View of the adjoining property to the west, looking west.



PHOTO 8: View of the adjoining property to the south, looking south.



ENVIRONMENTAL • GEOTECHNICAL
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4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204EM03155

DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska 69143



PHOTO 9: View of the residence at the Property and the eastern adjacent property, looking east.



PHOTO 10: View of the 500-gallon waste oil AST located on the northern portion of the Property.



ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

4503 E 50th Street, Suite 800
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PROJECT NO: 204EM03155

DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska 69143



PHOTO 11: View of the empty 300-gallon AST flipped on its side located on the northern portion of the Property.



PHOTO 12: View of the empty 200-gallon AST located on the northern portion of the Property.



4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204EM03155

DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
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PHOTO 13: View of the 500-gallon diesel AST with staining located east of the northern shop building.

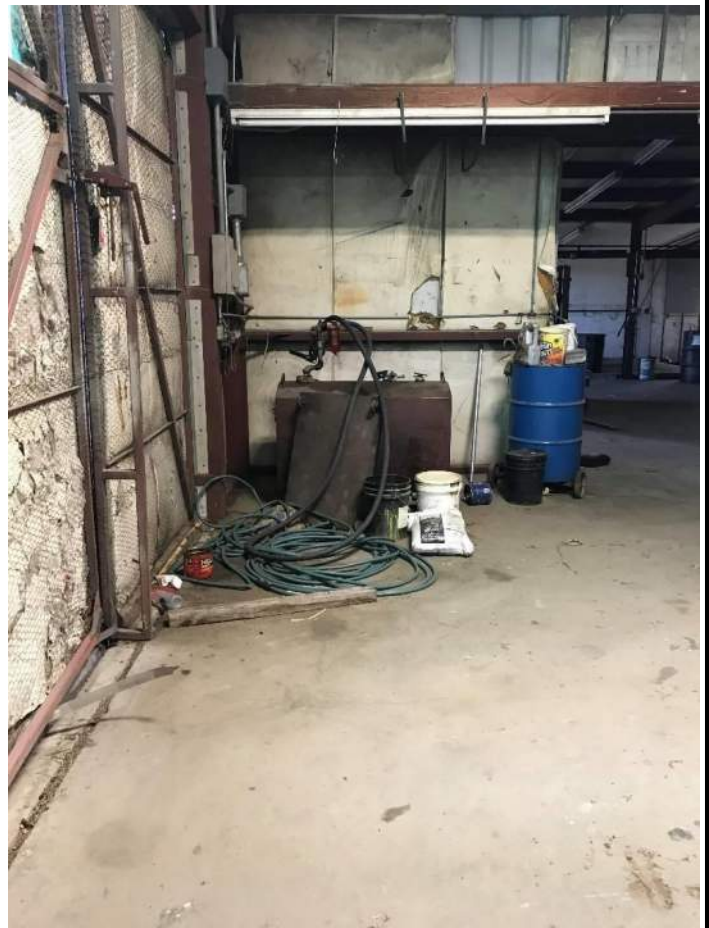


PHOTO 14: View of the 200-gallon diesel AST located along the east wall in the north shop building with de minimis staining on concrete.



ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204EM03155

DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska 69143



PHOTO 15: View of the 55-gallon drum containing used waste oil located in the middle shop building.



PHOTO 16: View of the two (2) 55-gallon drums containing hydraulic oil located in the middle shop building.



4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204EM03155

DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EM
DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska 69143



PHOTO 17: View of the paint chamber no longer in use.



PHOTO 18: View of the empty 55-gallon drums located next to the southern storage outbuilding.



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4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204EM03155

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DRAWN BY: ADG	DATE: 8/19/2020	FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska 69143



PHOTO 19: View of the tire pile located on the southern portion of the Property.



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SCALE: NTS

REVIEWED BY: EM

DRAWN BY: ADG

DATE: 8/19/2020

FILE: Hershey

SITE PHOTOGRAPHS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel #0081261.00
18488 Highway 30
Hershey, Nebraska 69143

Appendix D

User Provided Documentation

ATC

ATTACHMENT CLIENT QUESTIONNAIRE

Per ASTM Standard Practice E1527-13, Section 6, User Responsibilities, the User of an ESA has specific obligations for performing tasks during the ESA that will help identify the possibility of *recognized environmental conditions* in connection with the property. Failure by the User to fully comply with the requirements may result in a *data gap* being identified in the report and may impact their ability to use the report to help qualify for *Landowner Liability Protections* (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). If this questionnaire is not returned to ATC prior to issuance of the draft report, then ATC assumes that the User does not have any information or actual knowledge pursuant to ASTM Standard Practice E1527-13, Section 6, User Responsibilities. ATC makes no representations or warranties regarding a User's qualification for protection under any federal, state or local laws, rules or regulations.

Please complete the following and return immediately via email or fax to the attention of:
Derek Dickinson; Email: Derek.Dickinson@atcgs.com
If other parties are intending to be the Users of the ESA report, then please forward a copy of this questionnaire for them to complete and return to ATC.

Site Name:

Hershey Rail Park

Site Address:

Hershey, Nebraska

Parcel Number(s):

See map previous

Site Contact:

Gary Person

Relying Parties:

ATC Project Number:

Please provide the following information (if available) per the requirements of ASTM E1527-13.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the site that are filed or recorded under federal, tribal, state or local law? Yes ☐ or No ☐

If yes, please provide a description of the lien(s).

Don't know.

2. Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes ☐ or No ☐ If yes, please provide.

Don't know.

3. Specialized knowledge or experience of the person seeking to qualify for the Landowner Liability Protections (40 CFR 312.28)

As the user of this ESA do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes ☐ or No ☐ If yes, please explain.

Don't know

4. Relationship of the purchase price to the fair market value of the site if it were not contaminated (40 CFR 312.29)

a. Does the purchase price being paid for this site reasonably reflect the fair market value of the site? Yes ☐ or No ☐

We are not sure until/unless appraised.

b. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site?

Yes ☐ or No ☐ If yes, please explain.

5. Commonly known or reasonably ascertainable information about the site (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

- a. Do you know the past uses of the site? Yes ☐ or No ☐ If yes, please state.

Don't know

- b. Do you know of specific chemicals that are present or once were present at the site?
Yes ☐ or No ☐ If yes, please state.

Don't know

- c. Do you know of spills or other chemical releases that have taken place at the site?
Yes ☐ or No ☐ If yes, please state.

Don't know

- d. Do you know of any environmental cleanups that have taken place at the site?
Yes ☐ or No ☐ If yes, please state.

Don't know

6. The degree of obviousness of the presence or likely presence of contamination at the site, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

As the user of this ESA, based on your knowledge and experience related to the site are there any obvious indicators that point to the presence or likely presence of contamination at the site?
Yes ☐ or No ☐ If yes, please explain.

Don't know - we are not current users of site.

This questionnaire was completed by:

Property Role ☐ User ☐ Current Owner ☐ Property Occupant ☒ Other ☐
Name Gary Person
Title President & CEO
Signature Gary Person
Company of User North Platte Area Chamber of Development
Address of User 502 South Dewey
North Platte, Nebraska 69101
Date 8-17-2020
Prior Environmental Yes ☐ or No ☐
Reports Available Unknown.

Please complete the above and return immediately via email or fax to the attention of:

Angela Erhardt; Fax: 319-233-3269; Email: angela.erhardt@atcgs.com

Appendix E

Regulatory Database Report

Parcel #s 0081261.00, 0081230.00, & 0081231.00

18488 W Highway 30

Hershey, NE 69143

Inquiry Number: 6136640.2s

July 28, 2020

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

18488 W HIGHWAY 30
HERSHEY, NE 69143

COORDINATES

Latitude (North):	41.1610190 - 41° 9' 39.66"
Longitude (West):	100.9796050 - 100° 58' 46.57"
Universal Transverse Mercator:	Zone 14
UTM X (Meters):	333909.1
UTM Y (Meters):	4558308.5
Elevation:	2893 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6713298 HERSHEY EAST, NE
Version Date:	2014
Northwest Map:	6714328 HERSHEY WEST, NE
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140803
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
18488 W HIGHWAY 30
HERSHEY, NE 69143

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	HERSHEY FLYING SERVI	18488 W HIGHWAY 30	US AIRS, FINDS, ECHO		TP
A2	HERSHEY FLYING SERVI	18488 W HIGHWAY 30	AIRS		TP

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
HERSHEY FLYING SERVI 18488 W HIGHWAY 30 HERSHEY, NE 69143	US AIRS Database: US AIRS MINOR, Date of Government Version: 10/12/2016 EPA plant ID:: 110042331250 FINDS Registry ID:: 110042331250 ECHO Registry ID: 110042331250	N/A
HERSHEY FLYING SERVI 18488 W HIGHWAY 30 HERSHEY, NE 69143	AIRS Facility Id: 34044	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Superfund State Program List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Licensed Landfill List

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Sites

LAST..... Leaking Aboveground Storage Tank Sites

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Facility and Tank Data

AST..... Hazardous Chemical AST List

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Nebraska's Institutional Control Registry

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... RAPMA Sites

State and tribal Brownfields sites

BROWNFIELDS..... Potential Brownfields Inventory Listing

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Resource Directory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST..... Underground Storage Tank Database Listing
HIST AST..... Aboveground Storage Tank Database Listing

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Surface Spill List
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System

EXECUTIVE SUMMARY

FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ASBESTOS.....	ASBESTOS
DRYCLEANERS.....	Drycleaner Facility Listing
Financial Assurance.....	Financial Assurance Information Listing
NPDES.....	Wastewater Database Listing
TIER 2.....	Tier 2 Facility Listing
UIC.....	Underground Injection Control Database
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

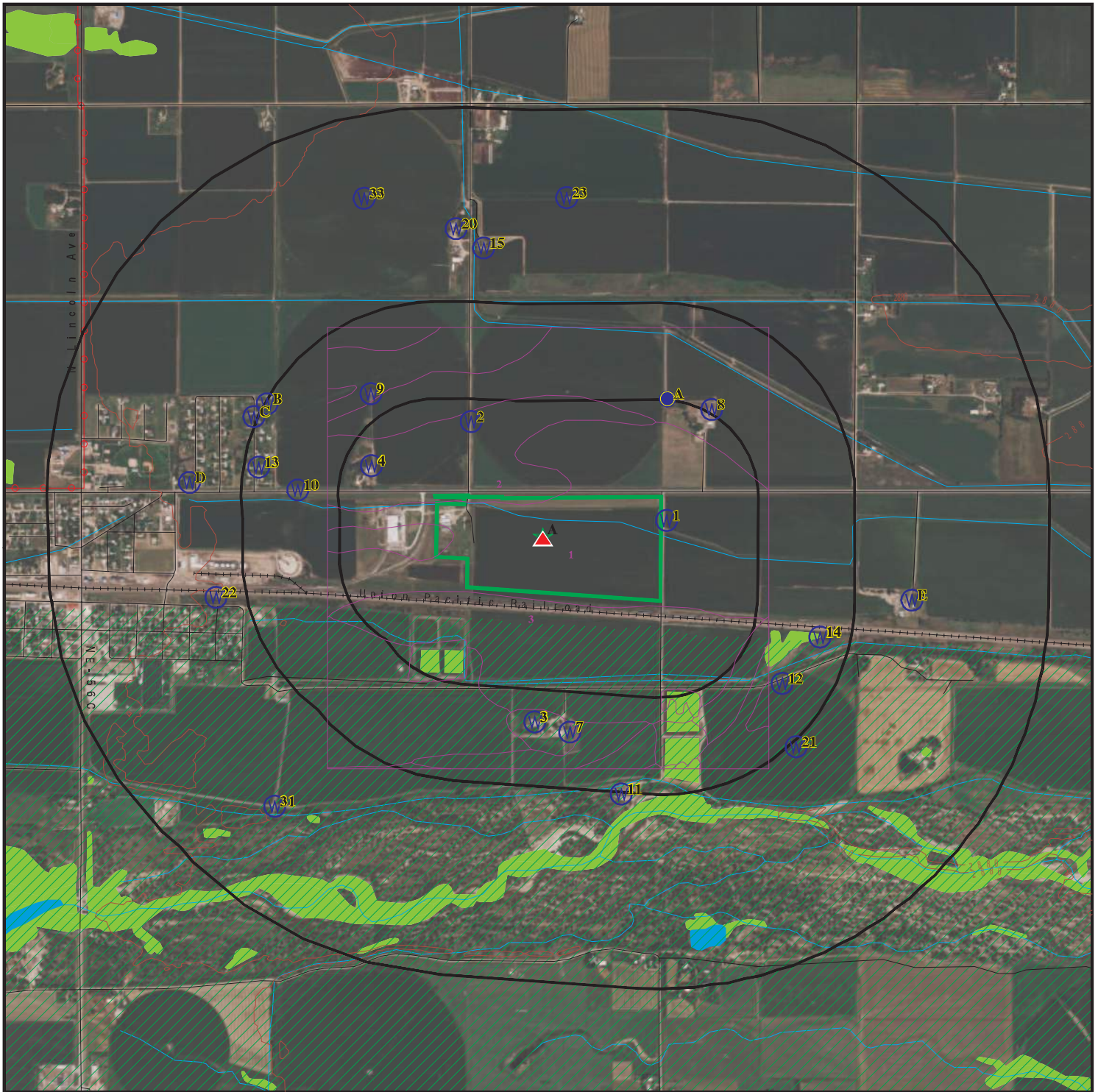
Site Name

NORTH PLATTE SMALL ARMS RANGE
UN OF NE EXPER STATION

Database(s)

SHWS
LUST

OVERVIEW MAP - 6136640.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

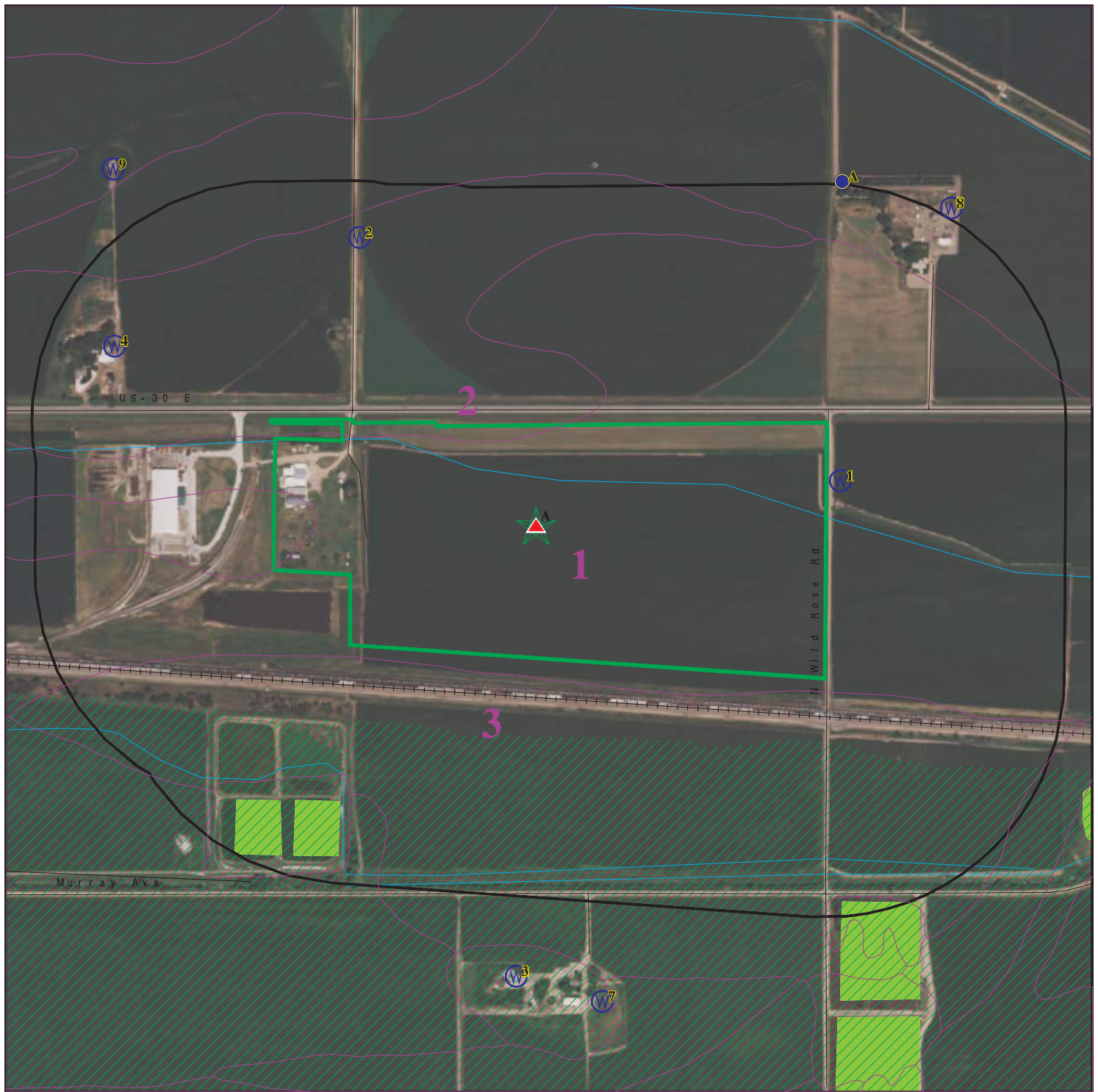
 State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Parcel #s 0081261.00, 0081230.00, & 0081231.00
ADDRESS: 18488 W Highway 30
Hershey NE 69143
LAT/LONG: 41.161019 / 100.979605

CLIENT: ATC Group Services LLC
CONTACT: Andrew Gustin
INQUIRY #: 6136640.2s
DATE: July 28, 2020 4:44 pm

DETAIL MAP - 6136640.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Parcel #s 0081261.00, 0081230.00, & 0081231.00
 ADDRESS: 18488 W Highway 30
 Hershey NE 69143
 LAT/LONG: 41.161019 / 100.979605

CLIENT: ATC Group Services LLC
 CONTACT: Andrew Gustin
 INQUIRY #: 6136640.2s
 DATE: July 28, 2020 4:45 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		0	0	NR	NR	NR	0
HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP	1	NR	NR	NR	NR	NR	1
ASBESTOS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		4	0	0	0	0	0	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

HERSHEY FLYING SERVICE
18488 W HIGHWAY 30
HERSHEY, NE 69143

US AIRS
FINDS
ECHO

1014785560
N/A

Site 1 of 2 in cluster A

Actual:
2893 ft.

US AIRS MINOR:
Envid: 1014785560
Region Code: 07
Programmatic ID: AIR NE0000003111100101
Facility Registry ID: 110042331250
D and B Number: Not reported
Primary SIC Code: 3296
NAICS Code: 488190
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

FINDS:

Registry ID: 110042331250

[Click Here:](#)

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

STATE MASTER
AIR MINOR

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

ECHO:

Envid: 1014785560
Registry ID: 110042331250
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110042331250>
Name: HERSHEY FLYING SERVICE
Address: 18488 W HIGHWAY 30
City,State,Zip: HERSHEY, NE 69143

A2
Target
Property

HERSHEY FLYING SERVICE
18488 W HIGHWAY 30
HERSHEY, NE 69143

AIRS
S111344822
N/A

Site 2 of 2 in cluster A

Actual:
2893 ft.

NE AIRS:
Name: HERSHEY FLYING SERVICE
Address: 18488 W HIGHWAY 30
City,State,Zip: HERSHEY, NE 69143

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERSHEY FLYING SERVICE (Continued)

S111344822

Facility ID:

34044

Directions to Facility:

Hy30-E,S Sd,S End N Parkwy Rd,0.5W of Wild Rose Rd

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NORTH PLATTE	S104737755	UN OF NE EXPER STATION	SOUTH HIGHWAY 83		LUST
NORTH PLATTE	S113230389	NORTH PLATTE SMALL ARMS RANGE	OLD HIGHWAY 83 S	69101	SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/17/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 07/17/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020	Source: EPA
Date Data Arrived at EDR: 03/25/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 913-551-7003
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 913-551-7003
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 913-551-7003
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 913-551-7003
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2020	Telephone: 843-820-7326
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 05/14/2020
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 05/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 05/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Superfund State Program List

The Nebraska Department of Environmental Quality is providing this information from it's own database. The data, although not verified to be the most current or accurate for any specific site, is generally based on the contents of the physical documents in the files. You may contact the Records Management Unit at (402) 471-3557 to make arrangements to view or to get a photocopy of the physical file.

Date of Government Version: 03/17/2020
Date Data Arrived at EDR: 03/18/2020
Date Made Active in Reports: 05/27/2020
Number of Days to Update: 70

Source: Dept. of Environmental Quality
Telephone: 402-471-3557
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Licensed Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 02/27/2020
Date Made Active in Reports: 05/06/2020
Number of Days to Update: 69

Source: Department of Environmental Quality
Telephone: 402-471-4210
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tank Sites

Releases from an aboveground storage tank system.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 06/25/2020
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 402-471-3557
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 06/25/2020
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 402-471-3557
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019

Date Data Arrived at EDR: 12/04/2019

Date Made Active in Reports: 02/14/2020

Number of Days to Update: 72

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019

Date Data Arrived at EDR: 12/04/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019

Date Data Arrived at EDR: 12/05/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 67

Source: EPA Region 4

Telephone: 404-562-8677

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019

Date Data Arrived at EDR: 12/17/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 55

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019

Date Data Arrived at EDR: 12/04/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019

Date Data Arrived at EDR: 12/04/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 6

Telephone: 214-665-6597

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019

Date Data Arrived at EDR: 12/04/2019

Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 07/24/2020

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/04/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3372
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020	Source: FEMA
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-646-5797
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 07/06/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

UST: Facility and Tank Data

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/22/2020	Source: Nebraska State Fire Marshal
Date Data Arrived at EDR: 04/29/2020	Telephone: 402-471-9664
Date Made Active in Reports: 07/16/2020	Last EDR Contact: 07/27/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Annually

AST: AST Data

A listing of aboveground storage tank site locations. Aboveground storage tanks dispensing hazardous substances must register such tank with this office. Storage tanks of 1000 gallons or less are exempt from this requirement.

Date of Government Version: 09/03/2019	Source: State Fire Marshal
Date Data Arrived at EDR: 09/05/2019	Telephone: 402-471-9465
Date Made Active in Reports: 11/14/2019	Last EDR Contact: 07/06/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-9424
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/04/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6137
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-7591
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019	Source: EPA, Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/04/2019	Source: EPA Region 9
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3368
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 07/23/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/01/2020
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019	Source: EPA Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-6136
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

INST CONTROL: Nebraska's Institutional Control Registry

A list of sites within Nebraska that have institutional controls. According to the Environmental Protection Agency (EPA), institutional controls are "non-engineering measures designed to prevent or limit exposure to hazardous substances left in place at a site, or assure effectiveness of the chosen remedy. Institutional controls are usually, but not always, legal controls, such as easements, restrictive covenants, and zoning ordinances." In short, institutional controls are a type of environmental covenant typically used when property is to be cleaned up to a level determined by the potential environmental risks posed by a planned use, rather than to unrestricted use standards. This method of control has proven to be both environmentally and economically beneficial.

Date of Government Version: 02/04/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/19/2020	Telephone: 402-471-2214
Date Made Active in Reports: 06/03/2020	Last EDR Contact: 06/19/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Annually

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/17/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Varies

VCP: RAPMA Sites

The Remedial Action Plan Monitoring Act (RAPMA), initially created in 1995, provides property owners and parties responsible for contamination with a mechanism for developing voluntary environmental cleanup plans which are reviewed and approved by the Department.

Date of Government Version: 02/04/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/19/2020	Telephone: 402-471-2186
Date Made Active in Reports: 06/03/2020	Last EDR Contact: 06/19/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Potential Brownfields Inventory Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

"NDEQ defines a brownfields site as subpart (A) of CERCLA ? 101(39): '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.' This is a broad-based approach to capture all potential brownfields sites. In the event that CERCLA 128(a) State Response Program funds are utilized - for example, conducting a Section 128(a) Assessment - the exclusions, site-by-site determinations, and further definitions as provided by the law would need to be met. This would be done on a site-by-site basis." A preliminary Survey and Inventory of Brownfields Sites in Nebraska was constructed based on previously submitted information including sites named specifically by city representatives. The list was built on facility characteristics, which were founded on previous, broad-based contamination experience. Additions to the inventory were made by looking for other sources of potential brownfields sites using Standard Industrial Classification (SIC) codes. A general sector list was constructed to serve as an inventory guide. This list shows all of the different types of sites that are within the inventory (sorted by SIC code), and the number of sites there are of each type. Color-coated blocks, which group together similar SIC codes and the sites that they encompass also sort the sectors.

Date of Government Version: 03/17/2020
Date Data Arrived at EDR: 03/17/2020
Date Made Active in Reports: 05/27/2020
Number of Days to Update: 71

Source: Department of Environmental Quality
Telephone: 402-471-2186
Last EDR Contact: 06/16/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Resource Directory

A listing of recycling facilities.

Date of Government Version: 10/07/2019
Date Data Arrived at EDR: 10/07/2019
Date Made Active in Reports: 12/05/2019
Number of Days to Update: 59

Source: Department of Environmental Quality
Telephone: 402-471-6974
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/01/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Site Contamination Listing

The purpose of the Perfluorinated Compounds (PFCs) inventory is to develop a statewide list of facilities that used or produced PFCs in Nebraska. This includes the high profile Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS), which were used in Aqueous Film Forming Foam (AFFF) formulations for fire suppression. In addition to AFFF, PFCs were used in a variety of surface treatments and performance chemicals including fabric and leather treatments, various surfactants, food containers, pesticides, rubber products, antifogging, non-stick cookware, paints and special coatings, airplane hydraulic fluid, waterproof fabric, metal plating, photographic processes, and electronic manufacturing.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 02/07/2020
Date Made Active in Reports: 03/11/2020
Number of Days to Update: 33

Source: Department of Environment & Energy
Telephone: 402-471-3557
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank Database Listing

A listing of underground storage tank locations. This listing contains detail information that the UST listing does not. It is no longer updated by the agency. For current information see the UST listing.

Date of Government Version: 02/28/2005
Date Data Arrived at EDR: 09/01/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 40

Source: State Fire Marshal
Telephone: 402-471-2027
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

HIST AST: Aboveground Storage Tank Database Listing

A listing of aboveground storage tank locations. This listing contains detail information that the AST listing does not. It is no longer updated by the agency. For current information see the AST listing.

Date of Government Version: 10/19/2004
Date Data Arrived at EDR: 09/01/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 40

Source: State Fire Marshal
Telephone: 402-471-2027
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

SPILLS: Surface Spill List

Releases of petroleum or hazardous substances to the air, land, or water.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 06/25/2020
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 402-471-2186
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 10/09/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 04/15/2003	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 913-551-7003
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/19/2020	Telephone: 202-528-4285
Date Made Active in Reports: 05/14/2020	Last EDR Contact: 05/18/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2020
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admini
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (913) 551-7003
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 04/04/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/07/2020	Telephone: 202-564-2280
Date Made Active in Reports: 06/26/2020	Last EDR Contact: 07/02/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/18/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020	Source: EPA
Date Data Arrived at EDR: 02/19/2020	Telephone: 800-385-6164
Date Made Active in Reports: 05/14/2020	Last EDR Contact: 05/19/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Quarterly

AIRS: Air State Program List

A listing of air program facilities.

Date of Government Version: 03/17/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/18/2020	Telephone: 402-471-3389
Date Made Active in Reports: 05/27/2020	Last EDR Contact: 06/10/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Quarterly

ASBESTOS: Asbestos Notification Listing

Asbestos notification sites

Date of Government Version: 03/10/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/12/2020	Telephone: 402-471-0549
Date Made Active in Reports: 05/27/2020	Last EDR Contact: 04/24/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Nebraska.

Date of Government Version: 03/17/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/18/2020	Telephone: 402-471-3557
Date Made Active in Reports: 05/27/2020	Last EDR Contact: 06/10/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Financial assurance information for solid and hazardous waste sites.

Date of Government Version: 12/01/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/17/2019	Telephone: 402-471-2186
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 06/15/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: Wastewater Database Listing

A listing of permitted wastewater facilities.

Date of Government Version: 03/02/2020

Date Data Arrived at EDR: 03/03/2020

Date Made Active in Reports: 05/11/2020

Number of Days to Update: 69

Source: Department of Environmental Quality

Telephone: 402-471-3557

Last EDR Contact: 05/28/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Quarterly

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2018

Date Data Arrived at EDR: 06/05/2019

Date Made Active in Reports: 07/12/2019

Number of Days to Update: 37

Source: Department of Environmental Quality

Telephone: 402-471-3557

Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Varies

UIC: Underground Injection Control Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 04/06/2020

Date Data Arrived at EDR: 04/08/2020

Date Made Active in Reports: 04/29/2020

Number of Days to Update: 21

Source: Department of Environmental Quality

Telephone: 402-471-2186

Last EDR Contact: 07/22/2020

Next Scheduled EDR Contact: 11/09/2020

Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014

Date Data Arrived at EDR: 02/05/2015

Date Made Active in Reports: 03/06/2015

Number of Days to Update: 29

Source: EPA

Telephone: 202-564-2497

Last EDR Contact: 07/01/2020

Next Scheduled EDR Contact: 10/19/2020

Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014

Date Data Arrived at EDR: 01/06/2015

Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496

Last EDR Contact: 07/09/2020

Next Scheduled EDR Contact: 10/19/2020

Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011

Date Data Arrived at EDR: 08/05/2011

Date Made Active in Reports: 09/29/2011

Number of Days to Update: 55

Source: EPA, Office of Water

Telephone: 202-564-2496

Last EDR Contact: 06/08/2020

Next Scheduled EDR Contact: 09/21/2020

Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Nebraska.

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 01/03/2014

Number of Days to Update: 186

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Nebraska.

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 01/03/2014

Number of Days to Update: 186

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 05/12/2020

Date Data Arrived at EDR: 05/12/2020

Date Made Active in Reports: 07/27/2020

Number of Days to Update: 76

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 05/12/2020

Next Scheduled EDR Contact: 08/24/2020

Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019

Date Data Arrived at EDR: 04/29/2020

Date Made Active in Reports: 07/10/2020

Number of Days to Update: 72

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/10/2020

Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018

Date Data Arrived at EDR: 06/19/2019

Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/04/2020

Next Scheduled EDR Contact: 09/21/2020

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Listing

Source: Department of Health & Human Services

Telephone: 402-471-2306

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: National Wetlands Inventory

Source: Department of Natural Resources

Telephone: 402-471-2363

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

TARGET PROPERTY COORDINATES

Latitude (North):	41.161019 - 41° 9' 39.67"
Longitude (West):	100.979605 - 100° 58' 46.58"
Universal Transverse Mercator:	Zone 14
UTM X (Meters):	333909.1
UTM Y (Meters):	4558308.5
Elevation:	2893 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6713298 HERSHEY EAST, NE
Version Date:	2014
Northwest Map:	6714328 HERSHEY WEST, NE
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

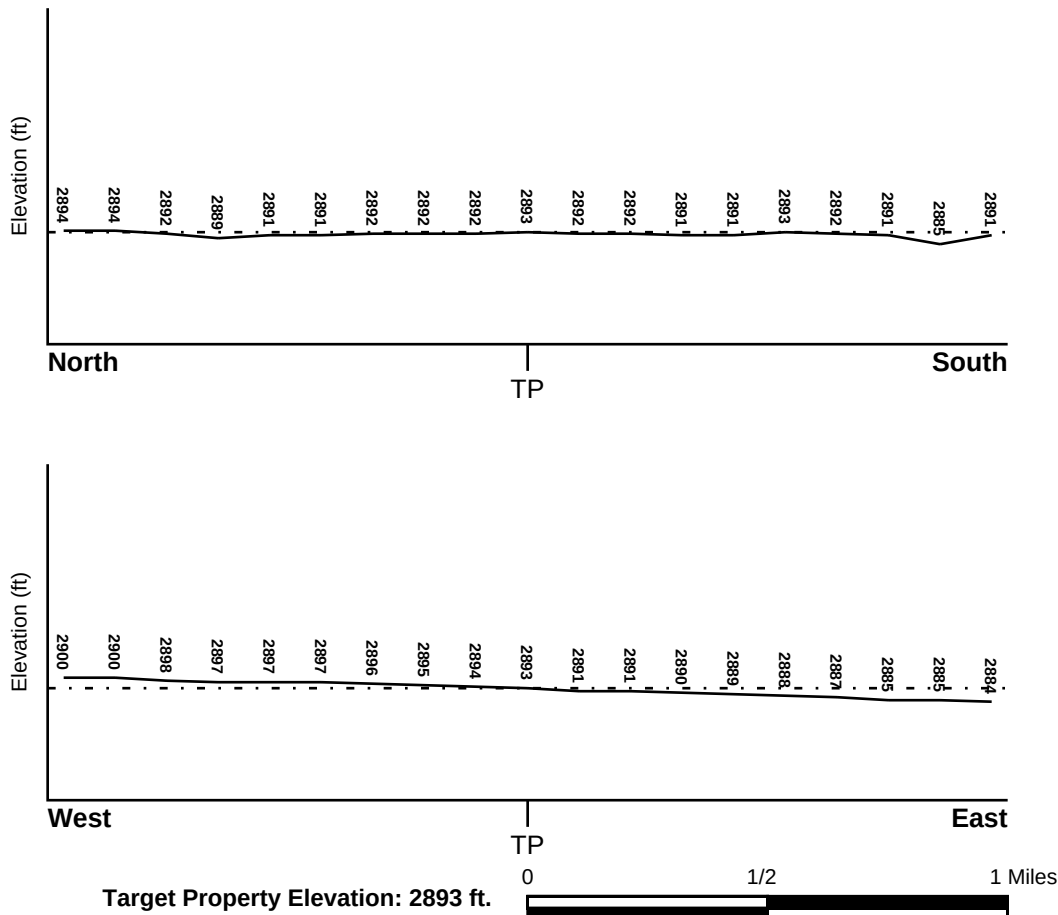
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
31111C0590C	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
HERSHEY EAST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

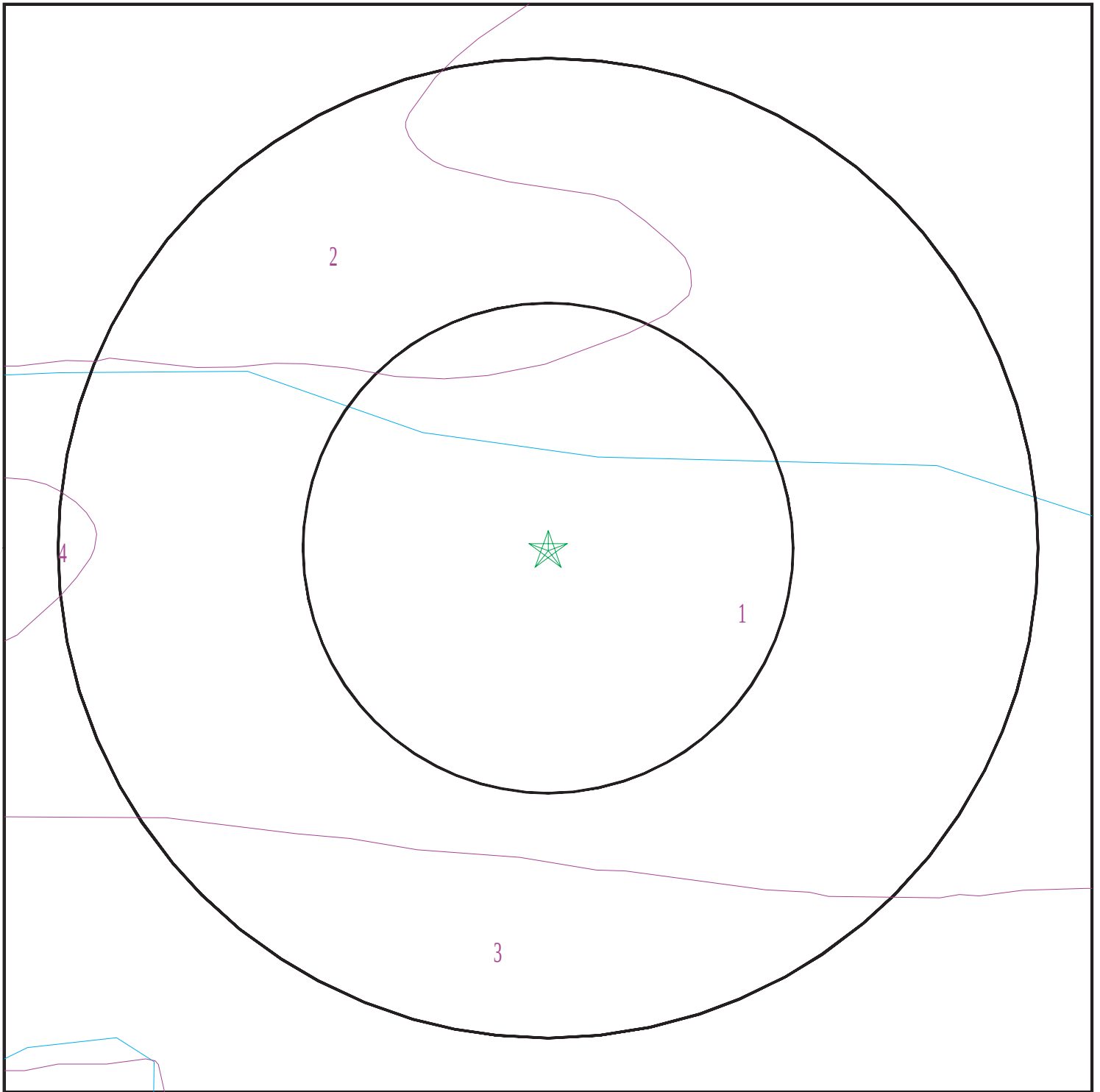
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tpc (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6136640.2s



- ★ Target Property
- ∨ SSURGO Soil
- ∨ Water

0 1/16 1/8 1/4 Miles



SITE NAME: Parcel #s 0081261.00, 0081230.00, & 0081231.00
ADDRESS: 18488 W Highway 30
Hershey NE 69143
LAT/LONG: 41.161019 / 100.979605

CLIENT: ATC Group Services LLC
CONTACT: Andrew Gustin
INQUIRY #: 6136640.2s
DATE: July 28, 2020 4:45 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Lex

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Not reported	Not reported	Max: 141 Min: 141	Max: 7.8 Min: 6.1
2	14 inches	27 inches	stratified loam to very fine sandy loam to silty clay loam	Not reported	Not reported	Max: 141 Min: 141	Max: 7.8 Min: 6.1
3	27 inches	59 inches	gravelly coarse sand	Not reported	Not reported	Max: 141 Min: 141	Max: 7.8 Min: 6.1

Soil Map ID: 2

Soil Component Name: Caruso variant

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 153 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 6.6
2	9 inches	35 inches	clay loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 6.6
3	35 inches	48 inches	stratified sandy loam to loamy sand	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 6.6
4	48 inches	59 inches	loamy sand	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: McCook

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 152 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	14 inches	29 inches	clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 9 Min: 7.4
2	40 inches	59 inches	gravelly sand	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 9 Min: 7.4
3	0 inches	14 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 9 Min: 7.4
4	29 inches	40 inches	clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 9 Min: 7.4

Soil Map ID: 4

Soil Component Name: Silver Creek

Soil Surface Texture: gravelly sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	38 inches	59 inches	gravelly sand	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: 8.4 Min: 7.9
2	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: 8.4 Min: 7.9
3	9 inches	33 inches	silty clay	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: 8.4 Min: 7.9
4	33 inches	38 inches	clay loam	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A5	USGS40000723765	1/4 - 1/2 Mile NE
8	USGS40000740317	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

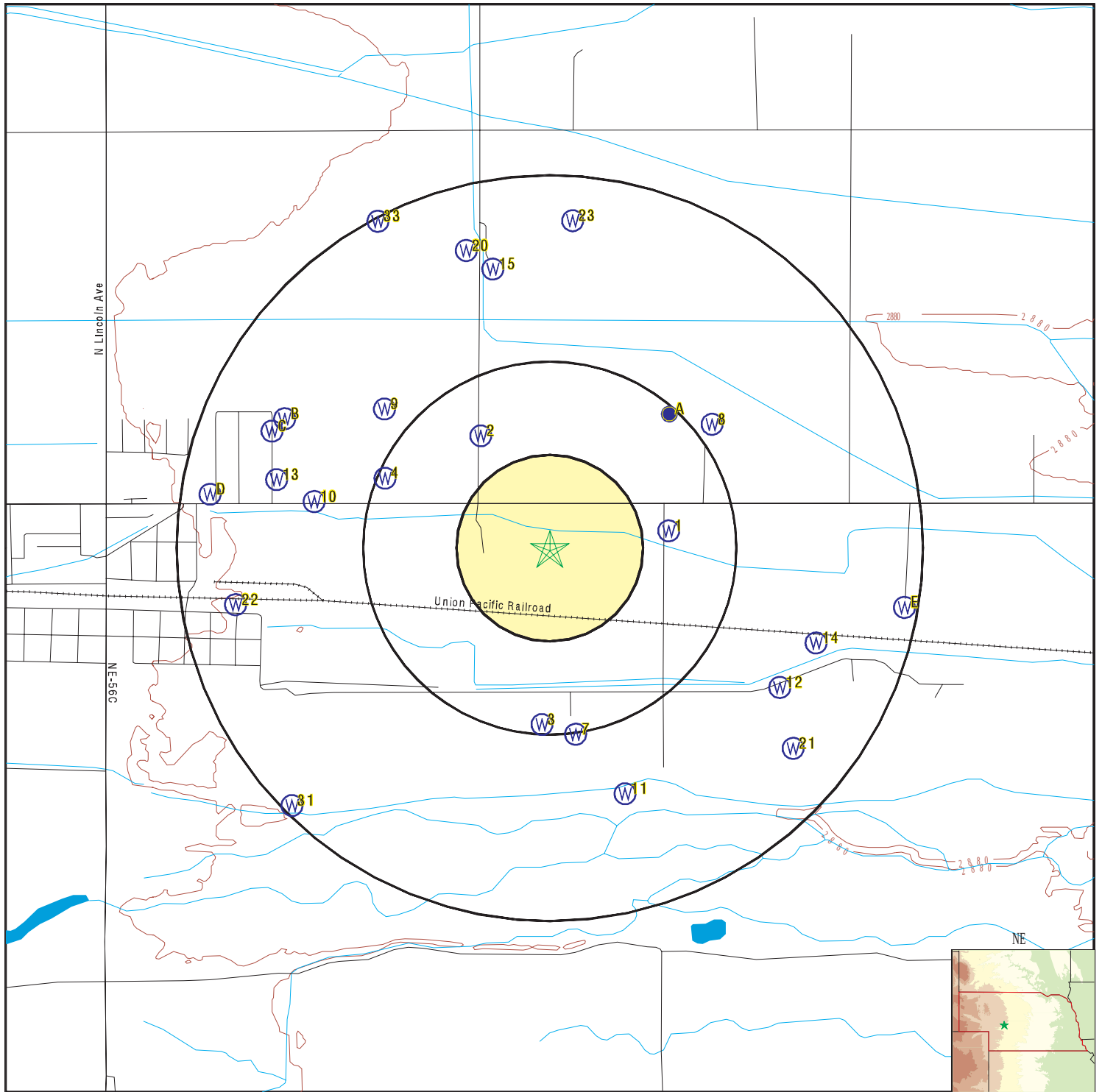
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NE7000000039092	1/4 - 1/2 Mile East
2	NE7000000048412	1/4 - 1/2 Mile NNW
3	NE70000000210407	1/4 - 1/2 Mile South
4	NE70000000112437	1/4 - 1/2 Mile WNW
A6	NE70000000114369	1/4 - 1/2 Mile NE
7	NE70000000221988	1/2 - 1 Mile South
9	NE70000000149704	1/2 - 1 Mile NW
10	NE7000000025227	1/2 - 1 Mile West
11	NE70000000115228	1/2 - 1 Mile SSE
12	NE70000000116285	1/2 - 1 Mile ESE
13	NE70000000085196	1/2 - 1 Mile WNW
14	NE70000000163120	1/2 - 1 Mile ESE
15	NE70000000134561	1/2 - 1 Mile NNW
B16	NE70000000092203	1/2 - 1 Mile WNW
C17	NE70000000093705	1/2 - 1 Mile WNW
B18	NE70000000093756	1/2 - 1 Mile WNW
C19	NE70000000107364	1/2 - 1 Mile WNW
20	NE70000000101488	1/2 - 1 Mile NNW
21	NE70000000111936	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
22	NE7000000074485	1/2 - 1 Mile West
23	NE7000000182916	1/2 - 1 Mile North
D24	NE7000000105093	1/2 - 1 Mile West
D25	NE7000000186045	1/2 - 1 Mile WNW
D26	NE7000000100156	1/2 - 1 Mile WNW
D27	NE7000000044954	1/2 - 1 Mile West
D28	NE7000000141629	1/2 - 1 Mile West
D29	NE7000000125561	1/2 - 1 Mile West
E30	NE7000000131956	1/2 - 1 Mile East
31	NE7000000138412	1/2 - 1 Mile SW
E32	NE7000000185376	1/2 - 1 Mile East
33	NE7000000138897	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6136640.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: Parcel #s 0081261.00, 0081230.00, & 0081231.00
 ADDRESS: 18488 W Highway 30
 Hershey NE 69143
 LAT/LONG: 41.161019 / 100.979605

CLIENT: ATC Group Services LLC
 CONTACT: Andrew Gustin
 INQUIRY #: 6136640.2s
 DATE: July 28, 2020 4:45 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

East
1/4 - 1/2 Mile
Lower

NE WELLS NE7000000039092

Well ID: 41840
Well Replaced: 0
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 1334
Pump Depth: 0
Static Water Level: 9
Contractor ID: 0
Registration Date: 1971 7 7
Date Abandoned: 0

Registration Code: G-034777
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 87.8840026855469
Series End Date: 0
Column Diameter: 8
Well Depth: 162
Pumping Water Level: 78
Owner ID: 32212
Completion Date: 1971 515

2

NNW
1/4 - 1/2 Mile
Higher

NE WELLS NE7000000048412

Well ID: 51401
Well Replaced: 0
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 2568
Pump Depth: 0
Static Water Level: 10
Contractor ID: 0
Registration Date: 1975 324
Date Abandoned: 0

Registration Code: G-044057
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 151.964996337891
Series End Date: 0
Column Diameter: 11
Well Depth: 290
Pumping Water Level: 120
Owner ID: 32212
Completion Date: 1975 214

3

South
1/4 - 1/2 Mile
Lower

NE WELLS NE70000000210407

Well ID: 226392
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 22
Pump Depth: 40
Static Water Level: 14
Contractor ID: 39438
Registration Date: 2013 815
Date Abandoned: 0

Registration Code: G-168393
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1.25
Well Depth: 130
Pumping Water Level: 14
Owner ID: 124508
Completion Date: 20121130

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

4

WNW

1/4 - 1/2 Mile
Higher

NE WELLS

NE7000000112437

Well ID: 119479
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 10
Pump Depth: 20
Static Water Level: 7
Contractor ID: 39088
Registration Date: 1999 820
Date Abandoned: 0

Registration Code: G-101726
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 106
Pumping Water Level: 10
Owner ID: 75695
Completion Date: 19971028

A5

NE

1/4 - 1/2 Mile
Lower

FED USGS

USGS40000723765

Organization ID: USGS-CO
Monitor Location: SB01403222DBC
Description: NAWQA Data entry com.+ver.09/10/1999 Kimbrough
HUC: 10190018
Drainage Area Units: Not Reported
Contrib Drainage Area Units: Not Reported
Formation Type: Holocene Alluvium
Construction Date: Not Reported
Well Depth Units: ft
Well Hole Depth Units: ft

Organization Name: USGS Colorado Water Science Center
Type: Well
Drainage Area: Not Reported
Contrib Drainage Area: Not Reported
Aquifer: Alluvial aquifers
Aquifer Type: Unconfined single aquifer
Well Depth: 23
Well Hole Depth: 23

A6

NE

1/4 - 1/2 Mile
Lower

NE WELLS

NE7000000114369

Well ID: 121326
Well Replaced: 0
Well Use: Monitoring (Ground Water Quality)
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 0
Pump Depth: 0
Static Water Level: 7
Contractor ID: 39250
Registration Date: 19991112
Date Abandoned: 0

Registration Code: G-102637
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 0
Well Depth: 100
Pumping Water Level: 0
Owner ID: 62601
Completion Date: 1999 9 2

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
South
1/2 - 1 Mile
Lower

NE WELLS NE7000000221988

Well ID:	239237	Registration Code:	G-177185
Well Replaced:	0	Well Status:	Active
Well Use:	Irrigation	NRD Name:	Twin Platte
NRD Permit:	1541	Acres Irrigated:	57.7099990844727
Series Type:	Single Project	Series End Date:	0
Pump Rate (gal/min):	800	Column Diameter:	8
Pump Depth:	90	Well Depth:	245
Static Water Level:	15	Pumping Water Level:	50
Contractor ID:	39250	Owner ID:	132207
Registration Date:	2015 9 8	Completion Date:	2015 817
Date Abandoned:	0		

8
NE
1/2 - 1 Mile
Lower

FED USGS USGS40000740317

Organization ID:	USGS-NE	Organization Name:	USGS Nebraska Water Science Center
Monitor Location:	14N 32W22DCB 1	Type:	Well
Description:	Not Reported	HUC:	10180014
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Unconfined single aquifer	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1978-04-24
Feet below surface:	8.00	Feet to sea level:	Not Reported
Note:	A nearby site that taps the same aquifer was being pumped.		

9
NW
1/2 - 1 Mile
Higher

NE WELLS NE7000000149704

Well ID:	160136	Registration Code:	G-128560
Well Replaced:	0	Well Status:	Active
Well Use:	Irrigation	NRD Name:	Twin Platte
NRD Permit:	Not Reported	Acres Irrigated:	148.660003662109
Series Type:	Connected to pump into a common carrier		
Series End Date:	0	Pump Rate (gal/min):	900
Column Diameter:	8	Pump Depth:	80
Well Depth:	100	Static Water Level:	11
Pumping Water Level:	13	Contractor ID:	3907001
Owner ID:	75695	Registration Date:	2004 7 9
Completion Date:	2004 528	Date Abandoned:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

10
West
1/2 - 1 Mile
Higher

NE WELLS NE7000000025227

Well ID:	27401	Registration Code:	G-021117
Well Replaced:	0	Well Status:	Active
Well Use:	Irrigation	NRD Name:	Twin Platte
NRD Permit:	Not Reported	Acres Irrigated:	148.660003662109
Series Type:	Connected to pump into a common carrier		
Series End Date:	0	Pump Rate (gal/min):	0
Column Diameter:	0	Pump Depth:	0
Well Depth:	65	Static Water Level:	0
Pumping Water Level:	0	Contractor ID:	0
Owner ID:	75695	Registration Date:	19601230
Completion Date:	1960 812	Date Abandoned:	0

11
SSE
1/2 - 1 Mile
Lower

NE WELLS NE7000000115228

Well ID:	122154	Registration Code:	G-103344
Well Replaced:	0	Well Status:	Active
Well Use:	Domestic	NRD Name:	Twin Platte
NRD Permit:	Not Reported	Acres Irrigated:	0
Series Type:	Single Project	Series End Date:	0
Pump Rate (gal/min):	10	Column Diameter:	1
Pump Depth:	20	Well Depth:	72
Static Water Level:	3	Pumping Water Level:	5
Contractor ID:	39088	Owner ID:	58088
Registration Date:	2000 1 3	Completion Date:	1997 627
Date Abandoned:	0		

12
ESE
1/2 - 1 Mile
Lower

NE WELLS NE7000000116285

Well ID:	123500	Registration Code:	G-103986
Well Replaced:	0	Well Status:	Active
Well Use:	Livestock	NRD Name:	Twin Platte
NRD Permit:	Not Reported	Acres Irrigated:	0
Series Type:	Single Project	Series End Date:	0
Pump Rate (gal/min):	15	Column Diameter:	1
Pump Depth:	20	Well Depth:	168
Static Water Level:	10	Pumping Water Level:	11
Contractor ID:	39250	Owner ID:	34502
Registration Date:	2000 211	Completion Date:	2000 110
Date Abandoned:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

13
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000085196

Well ID: 89078
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 0
Static Water Level: 7
Contractor ID: 39021
Registration Date: 1994 217
Date Abandoned: 0

Registration Code: G-080422
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 220
Pumping Water Level: 7
Owner ID: 51064
Completion Date: 199311 1

14
ESE
1/2 - 1 Mile
Lower

NE WELLS NE70000000163120

Well ID: 175613
Well Replaced: 0
Well Use: Livestock
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 36
Pump Depth: 40
Static Water Level: 10.5
Contractor ID: 39410
Registration Date: 2006 327
Date Abandoned: 0

Registration Code: G-139299
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1.25
Well Depth: 199
Pumping Water Level: 18
Owner ID: 87641
Completion Date: 2006 131

15
NNW
1/2 - 1 Mile
Higher

NE WELLS NE70000000134561

Well ID: 143597
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 20
Static Water Level: 4
Contractor ID: 39021
Registration Date: 20021015
Date Abandoned: 0

Registration Code: G-117910
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1.25
Well Depth: 52
Pumping Water Level: 5
Owner ID: 71041
Completion Date: 2002 8 8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B16
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000092203

Well ID: 96283
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 27
Static Water Level: 7
Contractor ID: 39021
Registration Date: 1995 724
Date Abandoned: 0

Registration Code: G-085222
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 92
Pumping Water Level: 7
Owner ID: 53827
Completion Date: 199411 9

C17
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000093705

Well ID: 97969
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 27
Static Water Level: 7
Contractor ID: 39021
Registration Date: 19951226
Date Abandoned: 0

Registration Code: G-086464
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 96
Pumping Water Level: 7
Owner ID: 53827
Completion Date: 19951013

B18
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000093756

Well ID: 97970
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 27
Static Water Level: 7
Contractor ID: 39021
Registration Date: 19951226
Date Abandoned: 0

Registration Code: G-086465
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 96
Pumping Water Level: 7
Owner ID: 53827
Completion Date: 19951012

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C19
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000107364

Well ID: 114011
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 30
Pump Depth: 20
Static Water Level: 8
Contractor ID: 39021
Registration Date: 19981015
Date Abandoned: 0

Registration Code: G-098185
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 1
Series End Date: 0
Column Diameter: 2
Well Depth: 30
Pumping Water Level: 8
Owner ID: 61118
Completion Date: 1997 328

20
NNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000101488

Well ID: 107390
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 12
Pump Depth: 26
Static Water Level: 6
Contractor ID: 39021
Registration Date: 1997 815
Date Abandoned: 0

Registration Code: G-092343
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 80
Pumping Water Level: 6
Owner ID: 60993
Completion Date: 1997 716

21
SE
1/2 - 1 Mile
Lower

NE WELLS NE7000000111936

Well ID: 118832
Well Replaced: 0
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 425
Pump Depth: 120
Static Water Level: 11
Contractor ID: 39194
Registration Date: 1999 618
Date Abandoned: 0

Registration Code: G-100959
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 82.713996887207
Series End Date: 0
Column Diameter: 7
Well Depth: 140
Pumping Water Level: 75
Owner ID: 34502
Completion Date: 1999 415

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

22

West
1/2 - 1 Mile
Higher

NE WELLS

NE7000000074485

Well ID: 78350
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 19
Pump Depth: 0
Static Water Level: 10
Contractor ID: 0
Registration Date: 1986 321
Date Abandoned: 0

Registration Code: G-070187
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 4
Well Depth: 100
Pumping Water Level: 30
Owner ID: 17284
Completion Date: 1977 3 1

23

North
1/2 - 1 Mile
Higher

NE WELLS

NE7000000182916

Well ID: 196937
Well Replaced: 1
Well Use: Irrigation
NRD Permit: 8.14
Series Type: Single Project
Pump Rate (gal/min): 750
Pump Depth: 80
Static Water Level: 11
Contractor ID: 39410
Registration Date: 2009 2 3
Date Abandoned: 0

Registration Code: A-007017
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 61
Series End Date: 0
Column Diameter: 8.63000011444092
Well Depth: 240
Pumping Water Level: 40
Owner ID: 32212
Completion Date: 2009 114

D24

West
1/2 - 1 Mile
Higher

NE WELLS

NE7000000105093

Well ID: 111278
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 27
Static Water Level: 8
Contractor ID: 39021
Registration Date: 1998 413
Date Abandoned: 0

Registration Code: G-095533
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 220
Pumping Water Level: 8
Owner ID: 59250
Completion Date: 1997 219

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D25
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000186045

Well ID: 200084
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 0
Pump Depth: 0
Static Water Level: 0
Contractor ID: 0
Registration Date: 0
Date Abandoned: 2009 8 1

Registration Code: Not Reported
Well Status: Unregistered Abandoned
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 2010 6 1
Column Diameter: 0
Well Depth: 225
Pumping Water Level: 0
Owner ID: 103602
Completion Date: 0

D26
WNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000100156

Well ID: 106096
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 20
Pump Depth: 27
Static Water Level: 6
Contractor ID: 39021
Registration Date: 1997 226
Date Abandoned: 0

Registration Code: G-090739
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 225
Pumping Water Level: 6
Owner ID: 18155
Completion Date: 19961015

D27
West
1/2 - 1 Mile
Higher

NE WELLS NE7000000044954

Well ID: 27626
Well Replaced: 0
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 2200
Pump Depth: 0
Static Water Level: 8
Contractor ID: 0
Registration Date: 1961 6 7
Date Abandoned: 2003 8 1

Registration Code: G-021326
Well Status: Abandoned
NRD Name: Twin Platte
Acres Irrigated: 380
Series End Date: 2010 6 1
Column Diameter: 10
Well Depth: 100
Pumping Water Level: 8
Owner ID: 12169
Completion Date: 19601120

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D28
West
1/2 - 1 Mile
Higher

NE WELLS NE7000000141629

Well ID: 152390
Well Replaced: 1
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 1500
Pump Depth: 50
Static Water Level: 7
Contractor ID: 39410
Registration Date: 2003 916
Date Abandoned: 0

Registration Code: G-021326
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 92.1640014648438
Series End Date: 0
Column Diameter: 10.75
Well Depth: 110
Pumping Water Level: 25
Owner ID: 12169
Completion Date: 2003 620

D29
West
1/2 - 1 Mile
Higher

NE WELLS NE7000000125561

Well ID: 133125
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 23
Pump Depth: 26
Static Water Level: 10
Contractor ID: 39021
Registration Date: 2001 723
Date Abandoned: 0

Registration Code: G-111241
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1
Well Depth: 180
Pumping Water Level: 11
Owner ID: 67581
Completion Date: 1994 5 5

E30
East
1/2 - 1 Mile
Lower

NE WELLS NE7000000131956

Well ID: 140702
Well Replaced: 0
Well Use: Livestock
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 0
Pump Depth: 0
Static Water Level: 6
Contractor ID: 39250
Registration Date: 2002 711
Date Abandoned: 0

Registration Code: G-116419
Well Status: Inactive
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 0
Well Depth: 36
Pumping Water Level: 0
Owner ID: 62601
Completion Date: 2002 5 3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

31
SW
1/2 - 1 Mile
Higher

NE WELLS NE7000000138412

Well ID: 147583
Well Replaced: 0
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 1600
Pump Depth: 140
Static Water Level: 10
Contractor ID: 39410
Registration Date: 2003 219
Date Abandoned: 0

Registration Code: G-120113
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 102.407997131348
Series End Date: 0
Column Diameter: 10.75
Well Depth: 280
Pumping Water Level: 100
Owner ID: 71956
Completion Date: 20021231

E32
East
1/2 - 1 Mile
Lower

NE WELLS NE7000000185376

Well ID: 199910
Well Replaced: 0
Well Use: Domestic
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 10
Pump Depth: 20
Static Water Level: 8
Contractor ID: 39088
Registration Date: 2009 8 6
Date Abandoned: 0

Registration Code: G-153568
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 0
Series End Date: 0
Column Diameter: 1.25
Well Depth: 97
Pumping Water Level: 8
Owner ID: 103509
Completion Date: 2009 520

33
NNW
1/2 - 1 Mile
Higher

NE WELLS NE7000000138897

Well ID: 148612
Well Replaced: 0
Well Use: Irrigation
NRD Permit: Not Reported
Series Type: Single Project
Pump Rate (gal/min): 800
Pump Depth: 80
Static Water Level: 14
Contractor ID: 39410
Registration Date: 2003 326
Date Abandoned: 0

Registration Code: G-120668
Well Status: Active
NRD Name: Twin Platte
Acres Irrigated: 118.560997009277
Series End Date: 0
Column Diameter: 8.63000011444092
Well Depth: 290
Pumping Water Level: 35
Owner ID: 60993
Completion Date: 2003 225

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NE Radon

Radon Test Results

Num Tests	Avg pCi/L	# > pCi/L	% > pCi/L	Max pCi/L
13	3.1	2	15%	10.7

Federal EPA Radon Zone for LINCOLN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 69143

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.800 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: National Wetlands Inventory

Source: Department of Natural Resources

Telephone: 402-471-2363

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Registered Groundwater Wells Database

Source: Department of Natural Resources

Telephone: 402-471-2363

Water use types include Aquaculture, Commercial/Industrial, Domestic, Ground Heat Exchanger, Heat Pump (Ground Water Source), Irrigation, Injection, Observation (Ground Water Levels); Other - Lake Supply, Fountain, Geothermal, Wildlife, Wetlands, Recreation, Plant and Lagoon, Sprinkler, Test, Vapor Monitoring; Public Water Supply with Spacing Protection, Monitoring (Ground Water Quality), Recovery, Livestock, Geothermal, Public Water Supply without Spacing Protection, Dewatering (Over 90 Days).

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Data

Source: Oil and Gas Conservation Commission

Telephone: 308-254-6919

RADON

State Database: NE Radon

Source: Department of Environmental Quality

Telephone: 402-471-0594

Summary of Radon Data

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix F

Aerial Photographs



Parcel #s 0081261.00, 0081230.00, & 0081231.00

18488 W Highway 30

Hershey, NE 69143

Inquiry Number: 6136640.5

July 29, 2020

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

07/29/20

Site Name:

Parcel #s 0081261.00, 008123
18488 W Highway 30
Hershey, NE 69143
EDR Inquiry # 6136640.5

Client Name:

ATC Group Services LLC
11117 Mockingbird Drive
Omaha, NE 68137
Contact: Andrew Gustin



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: May 07, 1999	USGS/DOQQ
1993	1"=750'	Flight Date: September 15, 1993	USGS
1988	1"=750'	Flight Date: June 24, 1988	USGS
1981	1"=1000'	Flight Date: May 30, 1981	USGS
1970	1"=500'	Flight Date: November 27, 1970	USGS
1969	1"=500'	Flight Date: November 30, 1969	USGS
1953	1"=500'	Flight Date: August 26, 1953	USGS

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INQUIRY #: 6136640.5

YEAR: 2016

— = 500'





INQUIRY #: 6136640.5

YEAR: 2012

— = 500'





INQUIRY #: 6136640.5

YEAR: 2009

— = 500'





INQUIRY #: 6136640.5

YEAR: 2006

— = 500'





INQUIRY #: 6136640.5

YEAR: 1999

— = 500'





INQUIRY #: 6136640.5

YEAR: 1993

— = 750'



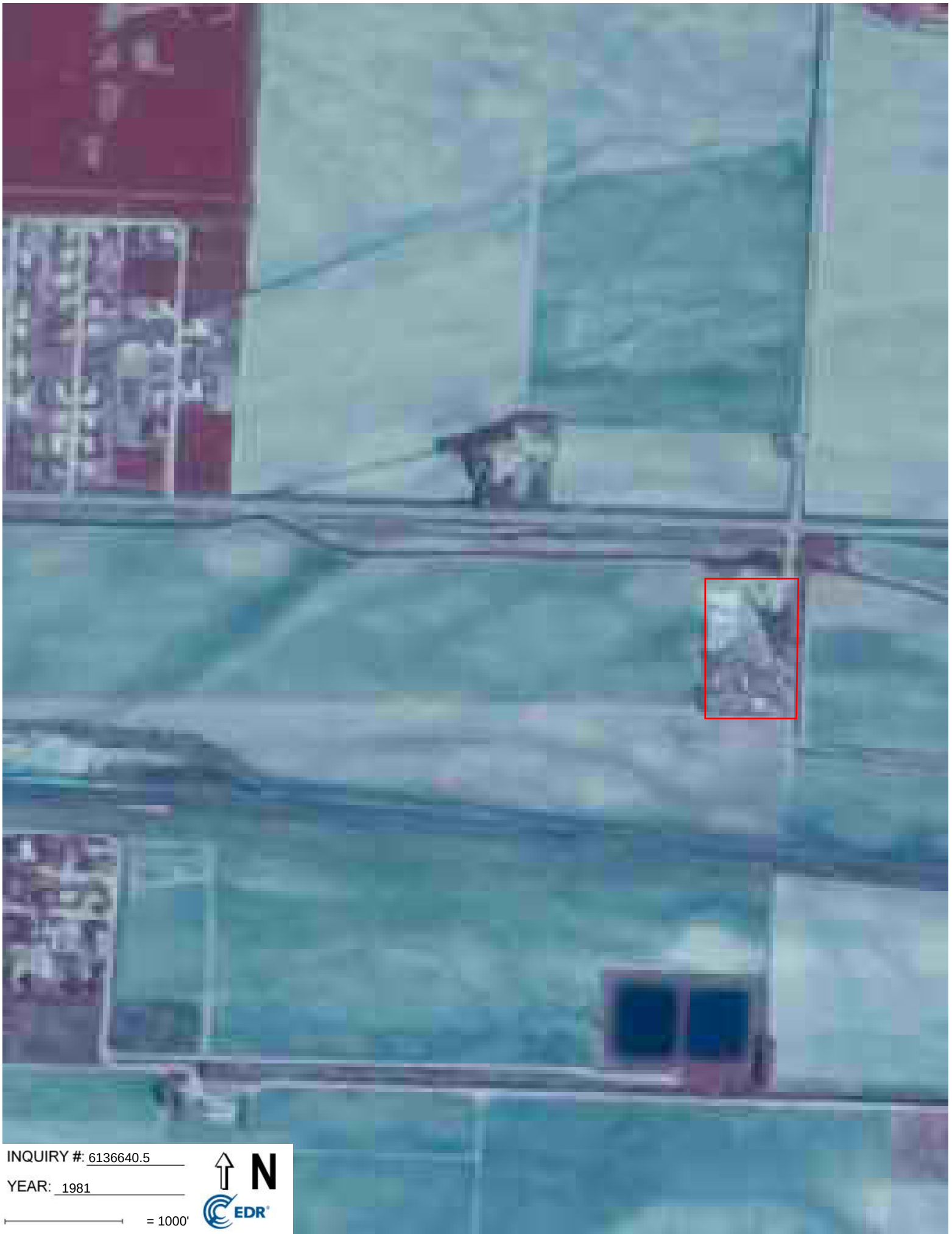


INQUIRY #: 6136640.5

YEAR: 1988

— = 750'





INQUIRY #: 6136640.5

YEAR: 1981

1000'





INQUIRY #: 6136640.5

YEAR: 1970

— = 500'





INQUIRY #: 6136640.5

YEAR: 1969

— = 500'





INQUIRY #: 6136640.5

YEAR: 1953

— = 500'



Appendix G

Historical Research Documentation



Parcel #s 0081261.00, 0081230.00, & 0081231.00

18488 W Highway 30

Hershey, NE 69143

Inquiry Number: 6136640.3

July 28, 2020

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

07/28/20

Site Name:

Parcel #s 0081261.00, 0081231
18488 W Highway 30
Hershey, NE 69143
EDR Inquiry # 6136640.3

Client Name:

ATC Group Services LLC
11117 Mockingbird Drive
Omaha, NE 68137
Contact: Andrew Gustin



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ATC Group Services LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # E063-446F-B728

PO # NA

Project 204EM03155

UNMAPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: E063-446F-B728

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Parcel #s 0081261.00, 0081230.00, & 0081231.00

18488 W Highway 30
Hershey, NE 69143

Inquiry Number: 6136640.6
July 30, 2020

The EDR-City Directory Image Report

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City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	☒	☐	EDR Digital Archive
2014	☒	☐	EDR Digital Archive
2010	☒	☐	EDR Digital Archive
2005	☒	☐	EDR Digital Archive
2000	☐	☐	EDR Digital Archive
1995	☐	☐	EDR Digital Archive
1992	☐	☐	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

18488 W Highway 30
Hershey, NE 69143

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

W HIGHWAY 30

2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A4	EDR Digital Archive
2005	pg A5	EDR Digital Archive

W HWY 30

2014	pg A3	EDR Digital Archive	
2005	pg A6	EDR Digital Archive	
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

W HIGHWAY 30**2017**

17425 FRELS IRONWORKS
18610 GREENBRIER RAIL SERVICES
26169 VIEYRAS METAL WORKS

W HIGHWAY 30 2014

17425	FRELS IRONWORKS
18610	GREENBRIER RAIL SERVICES
18825	MARGRITZ, MICK D
19559	CUMMING, WILLIAM E
19611	WILSON, BRITT A
25571	ESHLEMAN, ROBERT W
25573	ESHLEMAN, JAMES W

W HWY 30

2014

18400 WHEELER, ANGIE A

W HIGHWAY 30 2010

18825	MARGRITZ, MICK D
19559	CUMMING, WILLIAM E
19611	WILSON, BRITT A
25571	ESHLEMAN, ROBERT W
25573	ESHLEMAN, JAMES W
26169	BAYNE FARMS INC

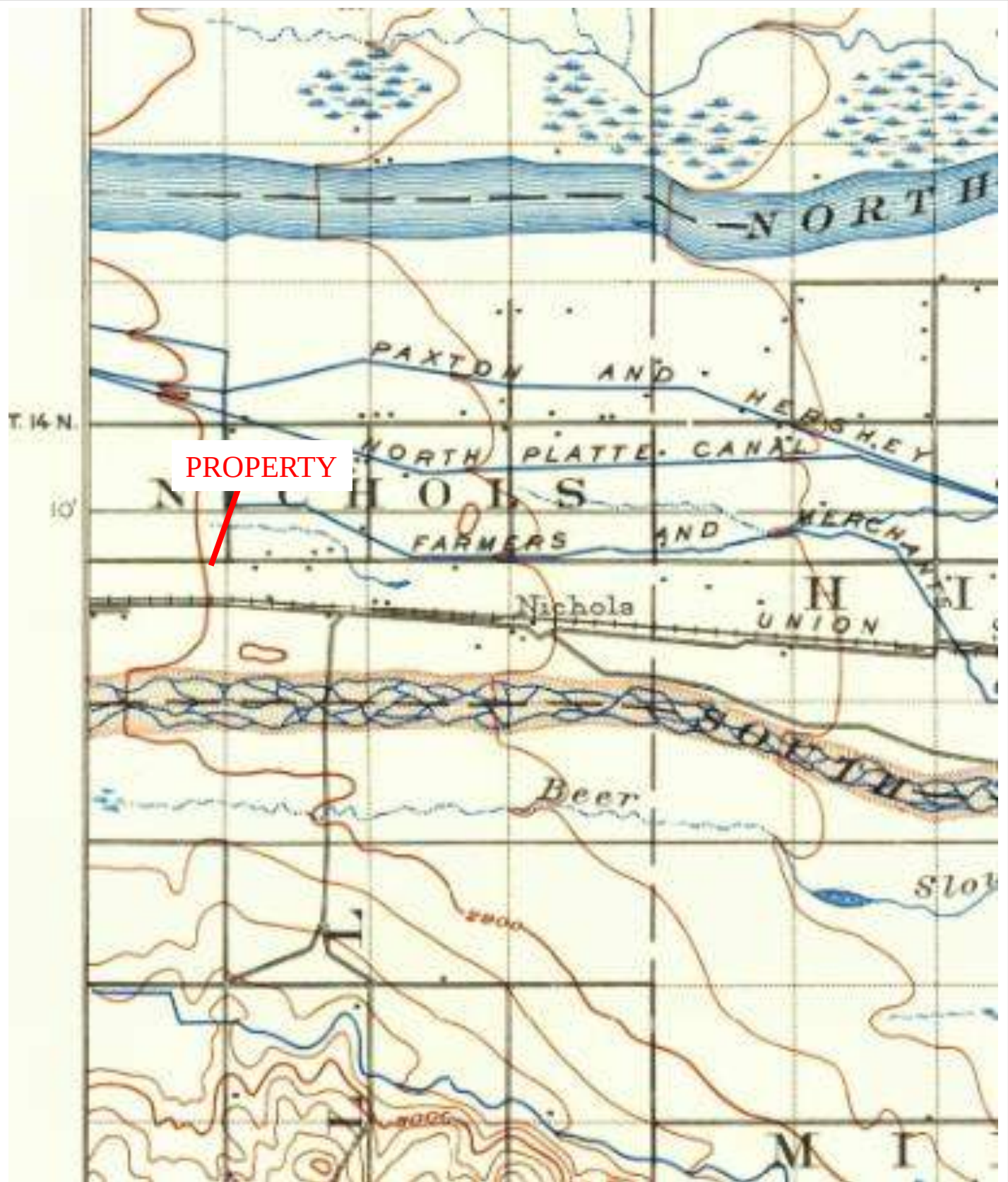
W HIGHWAY 30**2005**

18825	MARGRITZ, MICK D
19559	CUMMING, WILLIAM E
19611	WILSON, BRITT
25571	ESHLEMAN, TIMONTHY J
25573	ESHLEMAN, JAMES W

W HWY 30

2005

18488 ROUCHE, RONALD



—AN ATLAS COMPANY—

4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204BS03155

DESIGNED BY: ATC

SCALE: NTS

REVIEWED BY: EJM

DRAWN BY: ADG

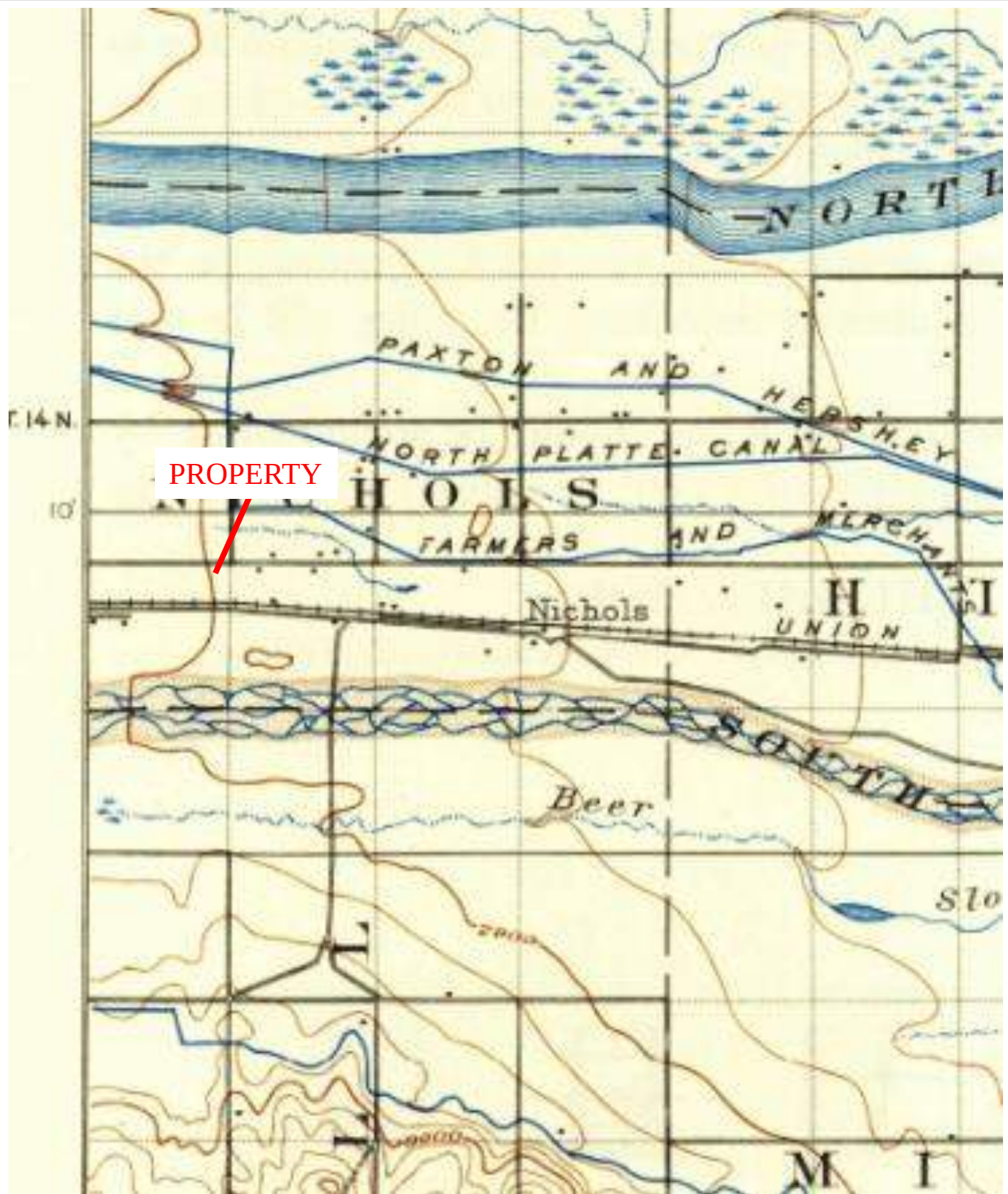
DATE: 8/12/20

FILE: Hershey

TOPOGRAPHIC MAP (1899)

PHASE I ENVIRONMENTAL
SITE ASSESSMENT

Agricultural Parcel
Parcel #0081230.00
Hershey, Nebraska



 4503 E 50th Street, Suite 800 Des Moines, IA 50317		
PROJECT NO: 204BS03155		
DESIGNED BY: ATC	SCALE: NTS	REVIEWED BY: EJM
DRAWN BY: ADG	DATE: 8/12/20	FILE: Hershey

TOPOGRAPHIC MAP (1902) PHASE I ENVIRONMENTAL SITE ASSESSMENT Agricultural Parcel Parcel # 0081230.00 Hershey, Nebraska
--

H E R S H E Y

21

Flume

22

PROPERTY

ey

UNION

LANDING STRIP

BM 2889

PACIFIC

28

Sewage Disposal Ponds

27

INDEFINITE

BOUNDARY

Gravel Pit



4503 E 50th Street, Suite 800
Des Moines, IA 50317

TOPOGRAPHIC MAP (1970)

PHASE I ENVIRONMENTAL
SITE ASSESSMENT

PROJECT NO: 204BS03155

DESIGNED BY: ATC

SCALE: NTS

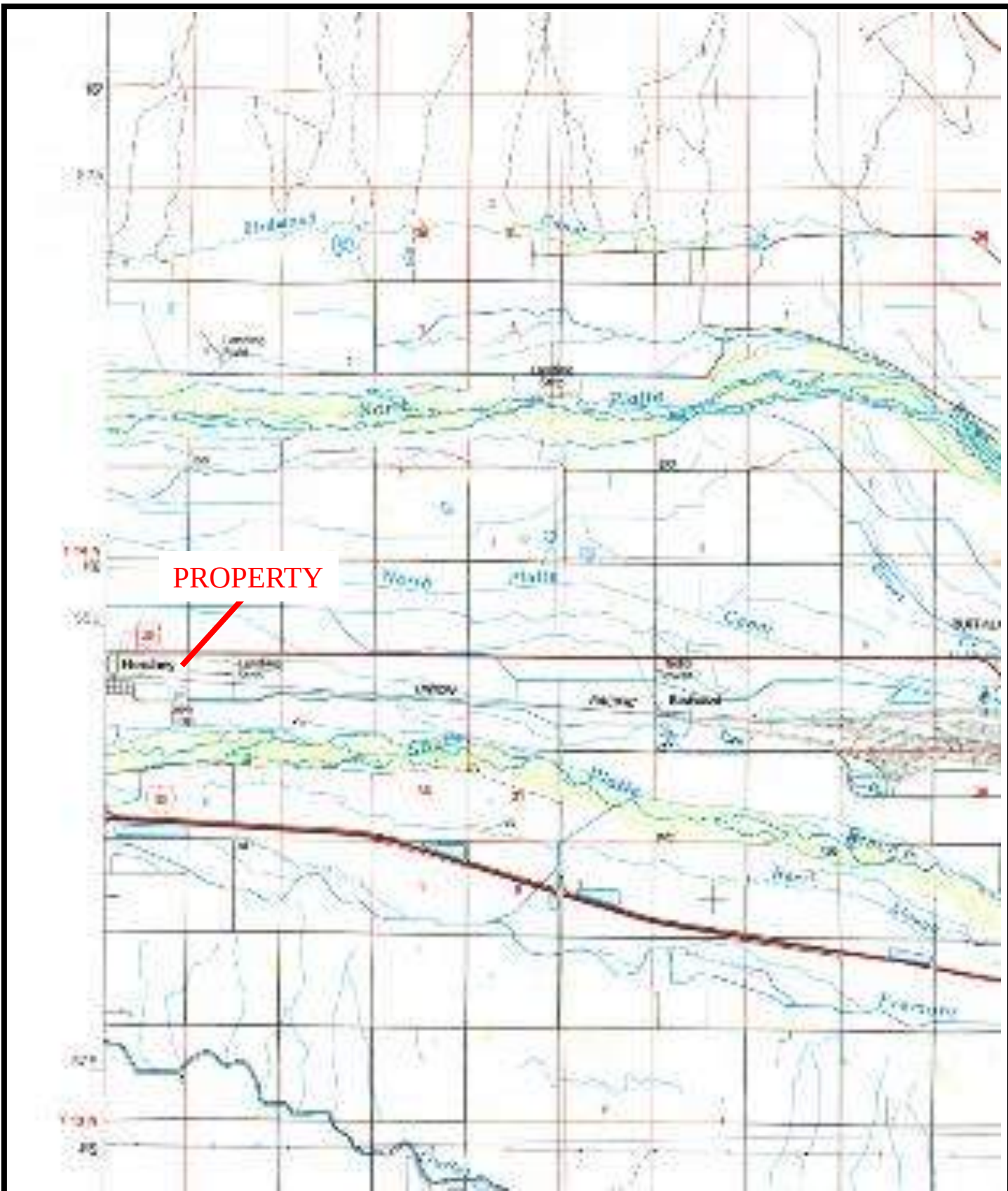
REVIEWED BY: EJM

DRAWN BY: ADG

DATE: 8/12/20

FILE: Hershey

Agricultural Parcel
Parcel # 0081230.00
Hershey, Nebraska



—AN ATLAS COMPANY—

4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204BS03155

DESIGNED BY: ATC

SCALE: NTS

REVIEWED BY: EJM

DRAWN BY: ADG

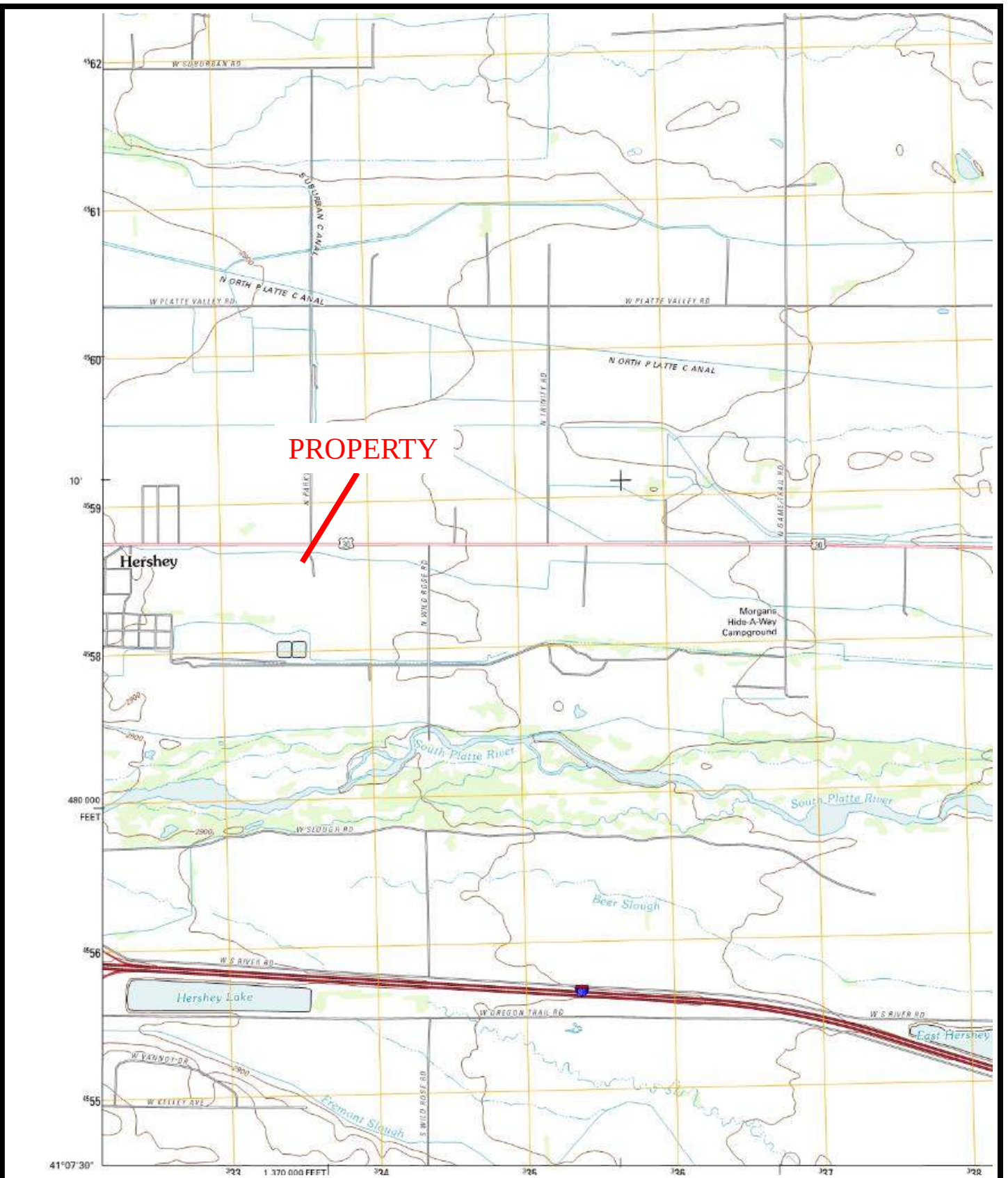
DATE: 8/12/20

FILE: Hershey

TOPOGRAPHIC MAP (1985)

PHASE I ENVIRONMENTAL
SITE ASSESSMENT

Agricultural Parcel
Parcel # 0081230.00
Hershey, Nebraska



—AN ATLAS COMPANY—

4503 E 50th Street, Suite 800
Des Moines, IA 50317

PROJECT NO: 204BS03155

DESIGNED BY: ATC

SCALE: NTS

REVIEWED BY: EJM

DRAWN BY: ADG

DATE: 8/12/20

FILE: Hershey

TOPOGRAPHIC MAP (2011)

PHASE I ENVIRONMENTAL
SITE ASSESSMENT

Agricultural Parcel
Parcel # 0081230.00
Hershey, Nebraska

Appendix H

Prior Reports

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**Performed at
Hershey Flying Service
18488 W. Highway 30
Hershey, Nebraska**

**Performed for
Jared Storm
390 E. Sloup Drive
Wahoo, NE 68066**

**Prepared by
Coranco Great Plains, Inc.
141 West 10th Street
PO Box 23
Wahoo, NE 68066**

January 18th, 2010

SECTION 1: DISCUSSION

1.1 Summary

Coranco Great Plains, Inc. (CGP) was contracted by Mr. Jared Storm "the user", to perform a Phase I Environmental Site Assessment (ESA) at 18488 West Highway 30 in Hershey, Nebraska. The primary purpose of an ESA is to identify potential and or documented contamination from the subject property as well as surrounding properties. The main components of the ESA consisted of; 1) a visual inspection to document obvious environmental issues on the subject property and/or adjacent properties, 2) a regulatory records search to identify reported environmental incidents or violations of the subject property and/or adjacent properties, and 3) to the extent practical, a review of the history of the site, which included interviews of knowledgeable parties, to possibly identify past uses which may have had an adverse environmental impact. The scope of work for this investigation did not include the following; Asbestos-Containing Materials, Radon, Lead-based Paint, Lead in Drinking Water, Wetlands, Cultural and Historical Resources, Industrial Hygiene, Health, and Safety, Ecological Resources, Endangered Species, Indoor Air Quality, Mold and/or Fungus, or High Voltage Power Lines.

The site inspection was conducted on January 13th, 2011, by Matthew M. Kralik CGP accompanied by Mr. David Crankshaw, the Operations Manager of Hershey Flying Service, Inc. The site consists of; hangers for airplane repair and maintenance, storage buildings, a landing strip, and a residence. The entire area of the property is 16.48 acres. Of this area the landing strip consists of 9.28 acres and the maintenance and storage area is 7.20 acres. The property is utilized for the maintenance and repair of aerial spraying airplanes.

The exterior of the property was found to be in good condition. There were no pits, ponds, or lagoons noted on the property or surrounding properties. Stressed vegetation could not be noted due to a recent snowfall. Dave Crankshaw was asked about stressed vegetation and he stated that there was no stressed vegetation that he could recall. There were no solid waste disposal areas identified. The storage of items outdoors overall was orderly.

There was no runoff noted during the site visit. One well on site provides potable water to both the residence and the maintenance buildings. A septic system treats the domestic wastewater. There was no observed staining near the used oil tank. Small amounts of paint residue were noted on the concrete near the waste paint drying drums. All used drums were stacked and empty. Solid waste is disposed of in dumpsters and metal is recycled.

The interior of the buildings were in good condition. There are no drains or sumps in any of the buildings. Very little to no surface staining was noted on the concrete floors in the buildings. Heating is provided by natural gas and electric. There was no sign of leakage surrounding the methyl ethyl ketone (MEK) and acetone storage drums.

Paint and chemical odors were noted near the paint booth and in the fiberglass room. It is believed these odors are typical for the operations occurring in the area. These odors were not noted outside these buildings. There was no evidence of environmental impairment inside the building.

The surrounding properties are agricultural row crops in all directions with the exception of to the west where a new Union Pacific Railroad Wheel Plant is under construction. Prior to the construction of this plant the property to the west was also row crops. A Union Pacific Railroad Right of Way is present approximately ¼ mile south of the facility.

CGP performed a regulatory database review provided by Environmental Data Resources (EDR). The search met the requirements of ASTM Standard Practice for Environmental Site Assessment E 1527-05. The subject property was identified in the Nebraska AIRS database NDEQ IIS#34004. Twelve properties were identified by the EDR search; however, no surrounding properties were mapped due to poor or inadequate address information. None of the databases which identified properties have greater than a ½ mile search distance per ASTM. Based on a visual search none of these properties are within ½ mile of the property thus the identified properties would not be mapped based on ASTM search distances. All surrounding properties are agricultural with the exception of the new wheel plant immediately west of the property

A search of Sanborn Fire Insurance Maps was conducted for the facility; however there was no coverage for the subject property. Historical topographical maps and aerial photographs were reviewed to determine potential past uses of the property.

1.2 Introduction

1.2.1 Purpose

The primary purpose of an ESA is to identify potential and/or documented contamination from the subject property as well as surrounding properties. The ESA is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner defense as it pertains to the Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

1.2.2 Detailed Scope-of-Services

Consistent with current industry practices, CGP performed a walk through inspection of the property and visually observed adjacent properties, conducted a search of regulatory databases, interviewed knowledgeable individuals, and reviewed the site history. Visual observations of the site and surrounding properties were made to evaluate potential sources or indications of chemical contamination such as underground storage tanks (UST's), aboveground storage tanks (AST's), storage of chemicals and/or hazardous materials, and improper wells. A more detailed description of the activities performed is as follows:

- Visually evaluated (from curbside) and categorized the use of the abutting properties for potential sources of chemical contamination.
- Reviewed available records relating to historical ownership, past usage, and site development. Reviews sought to identify complaints, violations, citations, or inspections related to the site.
- Searched for Sanborn Fire Insurance maps, City directories, and reviewed historical topographic maps in an attempt to detect past uses of the property which may be of environmental concern.
- The following federal, state, and local regulatory records were reviewed to evaluate use, generation, storage, treatment or disposal of hazardous materials, or release incidents of such materials which may impact the site. Records were obtained from the following federal databases:
 1. National Priorities List (NPL)
 2. Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
 3. Resource Conservation and Recovery Act (RCRA) – fully regulated generators and Transportation Storage Disposal Facilities (TSDF's)
 4. Emergency Response Notification System (ERNS)

- Reviewed state regulatory records related to off-site sources of chemical contamination as well as records related to on-site activities. Records were obtained from the following state databases:
 1. Underground Storage Tanks (UST's)
 2. Leaking UST (LUST's)
 3. Licensed Landfills
- The assessment included a search, review and evaluation of off-site properties within the study area.

1.2.3 Significant Assumptions

It was assumed that any chemicals associated with the spraying business did not originate nor were they stored on the property. This assumption was based on interviews with knowledgeable individuals that the majority of spraying operations were performed on a contract basis in other states.

1.2.4 Limitations and Exceptions

The scope of this work for this investigation did not include the following: Asbestos-Containing Materials, Radon, Lead-based Paint, Lead in Drinking Water, Wetlands, Cultural and Historical Resources, Industrial Hygiene, Health, and Safety, Ecological Resources, Endangered Species, Indoor Air Quality, Mold and/or Fungus, or High Voltage Power Lines.

1.2.5 Special Terms and Conditions

No special terms and conditions apply.

1.2.6 User Reliance

This report may be distributed and relied upon by Jared Storm, Hershey Flying Service, and Hershey State Bank, and the US Small Business Administration. Reliance on the information and conclusions in this report by any other person or entity is not authorized without the written consent of CGP.

1.3 Site Description

The site consists of; hangers for airplane repair and maintenance, storage buildings, a landing strip, and a residence. The entire area of the property is 16.48 acres. Of this area the landing strip consists of 9.28 acres and the maintenance and storage area is 7.20 acres. Approximately 22,200 square feet of structures are present on the property. The property is utilized for the maintenance and repair of aerial spraying airplanes.

1.3.1 Location and Legal Description

The property is located at 18488 West Highway 30 in Hershey, Kansas. The property is on the south side of Highway 30, approximately 1 mile east of Hershey, Kansas on US Highway 30.

The legal location of the property is as follows:

A tract of land in the Northwest Quarter of Section 27 and the Northeast Quarter of Section 28, Township 14 North, Range 32 West of the 6th P.M., Lincoln County, Nebraska more particularly described as follows:

Referring to the Northwest Corner of Section 27, Township 14 North, Range 32 West of the 6th P.M., Lincoln County, Nebraska; thence S 0° 03' 19" W (an assumed bearing) on the west line of said Section 27, a distance of 5420 feet to the POINT OF BEGINNING on the southerly Highway 30 right-of-way; thence N 89° 58' 14" E on said right-of-way, a distance of 460.57 feet; thence S 0° 07' 44" E on said right-of-way, a distance of 22.00 feet; thence N 89° 57' 59" E on said right-of-way, a distance of 2165.58 feet to the east line of the Northwest Quarter of said Section 27; thence S 0° 04' 28" W on said east line, a distance of 150.00 feet; thence S 89° 57' 59" W, a distance of 2626.17 feet to the west line of said Section 27 (also being the east line of Section 28); thence S 0° 03' 19" W on said west line, a distance of 686.97 feet; thence N 87° 23' 52" W, a distance of 424.61 feet; thence N 0° 03' 19" E, a distance of 723.53 feet; thence S 88° 24' 54" E, a distance of 374.28 feet; thence N 0° 03' 19" E, a distance of 1014.6 feet to the southerly Highway 30 right-of-way; thence N 89° 54' 09" E on said right-of-way, a distance of 50.05 feet to the east line of said Section 28; thence N 0° 03' 19" E on said east line, a distance of 25.00 feet to the POINT OF BEGINNING; said described tract containing 16.48 acres, more or less, including 8.28 acres in Section 27 and 7.20 acres in Section 28.

1.3.2 Site and Vicinity General Characteristics

The property is in an overall agricultural setting. The property is approximately one mile east of Hershey, Nebraska on US Highway 30. A new wheel plant for Union Pacific Railroad is under construction immediately west of the facility. Agricultural row crops surround the property in all other directions. A Union Pacific Railroad Right of Way is present approximately ¼ mile to the south.

The property is flat. A slight slope to east is present at a grade of approximately 0.002. The depth to water in the vicinity is expected to be 10 feet below ground surface. The South Platte River is approximately one mile south of the property and the North Platte River is approximately three miles north of the property.

1.3.3 Current Use of the Property

The subject property is currently utilized as a maintenance and repair facility for aerial spraying aircraft. No chemicals are present on the planes when they arrive. The maintenance and repair consists of routine maintenance, metal fabrication and welding, fiberglass tank fabrication, and painting of the aircraft.

Potential wastes which are generated from the maintenance and repair of the facility include; used oil, unused paint, and unused fiberglass. Used oil is stored in a tank outside the facility and is recycled by Safety Kleen when the tank is full. Extra paint is placed into drums and allowed to solidify. Upon solidification the waste is transported to a regional landfill and treated as solid waste. Any extra items from fiberglass production is hardened and disposed of as solid waste. Acetone and MEK are utilized during surface preparation; however, no waste product of these items are accumulated.

1.3.4 Description of Structures, Roads, Other Improvements on the Site

The drives at the facility are gravel. Structures on the facility consist of hangers, outbuildings, and a residence. Operations at the facility are performed in approximately 12,000 square feet of hangers, all of which have concrete floors. Three dry storage buildings with a combined square footage of approximately 8600 square feet are present. Two of these have concrete floors while the third (the building on the southern edge of the property) has a wooden floor. The final structure on the property is a residence. A summary of the buildings on site are as follows:

- Main hanger - Approximately 60x60 (3600 square feet).
- Office and parts storage -- Approximately 20'x60' (1200 square feet).
- Paint preparation and paint booth area -- Approximately 40x60 (2400 square feet).

- Fiberglass fabrication area - Approximately 40x60 (2400 square feet).
- Metal Fabrication Shop – Approximately 40x120 (4800 square feet).
- Welding Shop – Approximately 40x40 (1600 square feet)
- Sand Blasting Shed – Approximately 15x20 (300 square feet)
- Paint Storage Shed – Approximately 10x20 (200 square feet)
- Dry Storage Sheds – 3 Each. West of fiberglass area (Approx 10x20), South of metal fabrication (Approx 60x120), Southern edge of property (Approx 20x60). Total dry storage area – Approximately 8600 square feet.
- Residence – Estimated at 1600 square feet.

Potable water is provided to the property by a private well located between the residence and main hanger. Domestic wastewater is treated by a septic system that was installed in the late 1990's. Heat is provided by natural gas heaters along with electrical baseboard heaters in the restrooms.

1.3.5 Current Uses of the Adjoining Properties

The surrounding properties are agricultural row crops in all directions with the exception of to the west where a new Union Pacific Railroad Wheel Plant is under construction. Prior to the construction of this plant the property to the west was also row crops. A Union Pacific Railroad Right of Way is present approximately ¼ mile south of the facility.

1.4 User Provided Information

A user questionnaire was provided to Mr. Jared Storm, the user. Responses by Mr. Storm are summarized below.

1.4.1 Title Records

A title search was not conducted.

1.4.2 Environmental Liens or ALU's

Mr. Storm was not aware of any environmental liens or activity and land use limitations (ALU's). A search for environmental liens was conducted by EDR. No environmental liens or other ALU's were identified. A copy of the environmental lien report is included in Appendix 5.

1.4.3 Specialized Knowledge

Mr. Storm stated that he had no specialized knowledge of the person.

1.4.4 Commonly Known or Reasonable Ascertainable Information

Mr. Storm indicated that he is aware of the past uses of the property which include a repair and maintenance shop and an aerial application business 36 years ago. He was not aware of any specific chemicals, spills or cleanups on the property.

1.4.5 Valuation Reduction for Environmental Issues

There is no known value reduction for environmental issues.

1.4.6 Owner, Property Manager, and Occupant Information

The current property is Hershey Flying Service Inc. and the Manager is David Crankshaw.

1.4.7 Reason for Performing Phase I

The Phase I was performed as required by the US Small Business Administration loan program.

1.4.8 Other

There was no other information available for the subject property.

1.5 Records Review

1.5.1 Standard Environmental Record Sources

CGP performed a regulatory database review. The search met the requirements of ASTM E 1527-05. To search available state and federal databases, CGP utilized a firm that compiles their own database of environmental information. This service provides a quick and convenient review of available records without the lengthy delays often incurred when requesting information from a governmental agency. The database maintained by EDR meets or exceeds the 90-day updating requirement as set forth by the ASTM standard used for this report. EDR's search is conducted using the locations and maps of the site provided by CGP along with a request that they search the available government records on either the subject property or within the ASTM E-1527-05 search radius around the subject property. EDR accessed the following state and federal databases for information:

• NPL	National Priority List
• Proposed NPL	Proposed National Priority List Sites
• Delisted NPL	National Priority List Deletions
• NPL RECOVERY	Federal Superfund Liens
• RCRIS-TSD	Resource Conservation and Recovery Information System
• RCRIS-LQG	Resource Conservation and Recovery Information System
• RCRIS-SQD	Resource Conservation and Recovery Information System
• CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
• CERC-NFRAP	CERCLIS No Further Remedial Action Planned
• ERNS	Emergency Response Notification System
• SWF/LF	Licensed Landfill List
• LUST	Leaking Underground Storage Tank Site
• UST	Facility and Tank Data
• SWRCY	Recycling Resource Data
• Indian UST	Underground Storage Tanks on Indian Land
• VCP	RAPMA Sites
• CONSENT	Superfund (CERCLA) Consent Decrees
• ROD	Records of Decision
• FINDS	Facility Index System
• HMIRS	Hazardous Materials Information Reporting System
• MLTS	Material Licensing Tracking System
• MINES	Mines Master Index File
• PADS	PCB Activity Database System
• DOD	Department of Defense Sites
• US Brownfields	A listing of Brownfield Sites
• RAATS	RCRA Administrative Action Tracking System
• TRIS	Toxic Chemical Release Inventory System

- TSCA Toxic Substance Control Act
- SSTS Section 7 Tracking Systems
- FTTSS FIFRA/TSCA Tracking System
- AST Above Ground Storage Tanks
- SPILLS Surface Spill List

From the information supplied by CGP, EDR was able to generate maps of the subject property and the surrounding areas that depict the ASTM search radius around the site. Due to their unfamiliarity of the area, the depictions of the surrounding areas on EDR's maps are sometimes slightly inaccurate. The information obtained about any listed surrounding facilities, however, is accurate and very helpful in the assessment of potential environmental risk at the subject property.

The subject property was identified in the Nebraska AIRS database NDEQ IIS#34004. Twelve properties were identified by the EDR search; however, no surrounding properties were mapped due to poor or inadequate address information. None of the identified properties have greater than a ½ mile search distance. All properties are agricultural with the exception of the new wheel plant immediately west of the property thus these properties would not be mapped based on ASTM search distances.

1.5.2 Additional Environmental Record Sources

A copy of the Nebraska Department of Environmental Quality (NDEQ) Compliance Assistance Report from a Compliance Assistance Visit (CAV) was provided to CGP by Hershey Flying Service. The CAV revealed the Hershey Flying Service had a potential to emit 27.2 tons per year particulate matter (PM/PM10). Due to Hershey Flying Service performing the functions that created these emissions prior to the PM10 regulation in 1988, the NDEQ determined that a construction permit was not required for PM/PM10.

A National Emission Standard for Hazardous Air Pollutant Subpart 6H was identified for chromium at the facility by the CAV. Mr. Crankshaw is currently determining what is required for the facility through conversations with the NDEQ.

1.5.3 Physical Setting Sources

The most current USGS 7.5 Minute Topographic Map was reviewed. Through review of the topographic map it was determined that the property is in a predominantly agricultural setting with very little topographic relief. Based on the proximity to the North and South Platte Rivers the geology is assumed to be alluvial deposits of clay, silt, sand, and gravel and the groundwater is assumed to be shallow (approximately 10 feet).

1.5.4 Historical Use Information on the Property

Historical use of the property typically is obtained from the review of Sanborn Fire Insurance Maps, if available. Sanborn Fire Insurance Maps were not available for this property; therefore, they were not reviewed during this assessment. Historical topographic and aerial photographs were reviewed. The property appears undeveloped based on the 1899 topographic map and the topographic map from 1970 reveals the property developed; however, the landing strip is in a different location (begins on the southern portion of the property). A farmstead appears to be present on the western edge of the current landing strip in the 1970's aerial photograph.

Through review of the historical photographs it appears the current runway configuration began sometime in the 1990's. According to David Crankshaw, manager, he believes Peter Roueche began the operation in 1949, which is consistent with the historical information.

1.5.5 Historical Use Information on Adjoining Properties

Sanborn Fire Insurance Maps were not available for any of the surrounding properties. Aerial photographs reveal that all surrounding properties have historically been row crops. Mr. Crankshaw indicated that prior to the on-going construction of the Union Pacific Wheel House all surrounding properties were agricultural.

1.6 Site Reconnaissance

1.6.1 Methodology and Limiting Conditions

The site inspection was conducted on January 13th, 2011 by Matthew Kralik of CGP accompanied by Dave Crankshaw. The site inspection was carried out by walking through the property, making visual observations, and taking photographs. All buildings were accessible. Outdoor observations were hindered by the presence of approximately 6 to 8 inches of snow. There were no other limitations to physical observation.

1.6.2 General Site Setting

The site consists of; hangers for airplane repair and maintenance, storage buildings, a landing strip, and a residence. The entire area of the property is 16.48 acres. Of this area the landing strip consists of 9.28 acres and the maintenance and storage area is 7.20 acres. The property is utilized for the maintenance and repair of aerial spraying airplanes. Operations at the facility are performed in approximately 12,000 square feet of hangers, all of which have concrete floors. Three dry storage buildings with a combined square footage of approximately 8600 square feet are present. Two of these have concrete floors while the third (the building on the southern edge of the property) has a wooden floor. The final structure on the property is a residence.

1.6.3 Exterior Observations

The exterior of the property was found to be in good condition. There were no pits, ponds, or lagoons noted on the property or surrounding properties. Stressed vegetation could not be noted due to a recent snowfall. Dave Crankshaw was asked about stressed vegetation and he stated that there was no stressed vegetation that he could recall. There were no solid waste disposal areas identified. The storage of items outdoors overall was orderly.

There was no runoff noted during the site visit. One well on site provides potable water to both the residence and the maintenance buildings. A septic system treats the domestic wastewater. There was no observed staining near the used oil tank. No improperly abandoned wells were noted. Small amounts of paint residue were noted on the concrete near the waste paint drying drums. All used drums were stacked and empty. Solid waste is disposed of in dumpsters and metal is recycled.

1.6.4 Interior Observations

The interior of the buildings were in good condition. There are no drains or sumps in any of the buildings. Very little to no surface staining was noted on the concrete floors in the buildings. Heating is provided by natural gas and electric. There was no sign of leakage surrounding the MEK and acetone storage drums.

Paint and chemical odors were noted near the paint booth and in the fiberglass room. It is believed these odors are typical for the operations occurring in the area. These odors were not noted outside these buildings. There was no evidence of environmental impairment inside the building.

1.7 Interviews

1.7.1 Interview with Owner

Ms. Goldene M. Roueche was asked about the extent of her husbands' aerial spraying work. Ms. Roueche indicated that the spraying operation was contract work in Texas and other states and that the chemicals were supplied at the job locations.

1.7.2 Interview with Site Manager

David Crankshaw, Manager, was interviewed concurrently with the site walkthrough. Mr. Crankshaw indicated that he has been working at the facility since September of 1985. Mr. Crankshaw provided an overview of the site operations and allowed access to all portions of the property. Mr. Crankshaw stated that aerial spraying operations were stopped in the early 1970's. The majority of the spraying was contract work in other states.

Mr. Crankshaw is not aware of any environmental conditions or improper disposal of hazardous wastes at the facility. He stated that he is not aware of any underground storage tanks. Mr. Crankshaw was forthcoming with the processes used to dispose of wastes at the facility.

1.7.3 Interviews with Occupants

Mr. Crankshaw and Ms. Roueche were the only occupants interviewed. These two individuals are the most knowledgeable of past and current operations at the facility.

1.7.4 Interviews with Local Government Officials

CGP contacted Mr. Charlie Stout of the Hershey Volunteer Fire Department by telephone on January 14th, 2011. Mr. Stout was recommended by the city clerk as he has been on the volunteer fire department the longest. Mr. Stout was not aware of any emergency response involving hazardous chemicals or petroleum releases at Hershey Flying Service, Inc.

1.8 Findings

The property was identified in the environmental records review under the Nebraska AIRS database (IIS#34044). Several properties were identified but not mapped during the environmental records review due to inadequate address information. Through further investigation it was determined all of these properties are outside the ASTM recommended search radius for their respective database.

The property and surrounding area are predominantly agricultural. Overall the property was well maintained and there were not any signs of environmental impairment. Due to a recent snowfall stressed vegetation could not be identified; however, the site manager indicated that he was not aware of any stressed vegetation. There were no excessive surface stains within the buildings and there were no floor drains in any of the buildings.

Historically the property has predominantly been utilized as a maintenance facility for aerial spraying aircraft. Aerial sprayers have been based out of the location; however, through interviews it was determined that very little if any spraying was based out of this location.

1.9 Opinion

It is the opinion of CGP that the subject property has not been environmentally impacted based on the observations made during the site visit and information obtained from the database search. There were no signs of improper petroleum or solvent disposal related to the maintenance of aircraft. Housekeeping was good at the location. While spraying may have occurred at this location it is believed

the amount of spraying that occurred from this location was minimal thus it is not believed there were any major discharges of pesticides or fertilizers. There are no facilities identified within the ASTM search radius for surrounding sites.

Although it is not a recognized environmental condition at this time; CGP recommends implementing any of the NESHAP Subpart 6H requirements which came into effect on 1/10/2011 to assure compliance with the regulation.

1.10 Conclusions

CGP has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 18488 West Highway 30 in Hershey, Nebraska. Any exceptions to, or deletions from, this practice are described in Section 1.11 of this report. This assessment has revealed no evidence or recognized environmental conditions in connection with the property.

Information furnished by CGP including any of its agents is furnished solely for the information of Mr. Jared Storm, Hersey Flying Service, Inc., Hershey State Bank, and US Small Business Administration. Such information (including this report) is not to be quoted in whole or in part or otherwise referred to by persons or entities other than CGP, in any financial statements or related documents, nor is it to be otherwise disseminated by it recipient(s), without the prior consent of CGP. Notwithstanding the foregoing, however, information may be furnished to others in compliance with court orders to the extent, if any required by law.

1.11 Deviations

The scope of this work for this investigation did not include the following: Asbestos-Containing Materials, Radon, Lead-based Paint, Lead in Drinking Water, Wetlands, Cultural and Historical Resources, Industrial Hygiene, Health, and Safety, Ecological Resources, Endangered Species, Indoor Air Quality, or High Voltage Power Lines.

1.12 Additional Services

Not Applicable.

1.13 References

ASTM Practice E 1527-05: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM International, 2005.

US Small Business Administration SOP 50 10 5 (C): Lender and Development Company Loan Programs, Effective October 1, 2010.

Appendix I

Resumes



Andrew Gustin

Environmental Scientist

Branch Location

- Des Moines, Iowa

Education

- B.A. Environmental Science/Earth Science, Air Quality Emphasis, University of Northern Iowa, 2015

Professional Registrations/Certifications

- Project Geologist – Kansas Department of Health & Environment
- Sampling Technician – Kansas Department of Health & Environment

Specialized Training

- OSHA 40-Hour HAZWOPER in accordance with OSHA Regulation 29 CFR 1920.120 and Current 8-Hour Refresher Courses
- Oklahoma Asbestos Inspector (License #401644)
- AHERA Asbestos Inspector Licenses Asbestos Inspector - Missouri

ATC Start Date

- June 2015

Andrew's expertise and experience is in the fields of aboveground/underground storage tank management services, geotechnical drilling, phase I and II site assessment services, stormwater pollution prevention plan services/permits/compliance, spill prevention services/plans, environmental due diligence, and hazardous materials assessments for asbestos/mold. Mr. Gustin graduated with a degree in Environmental Science from the University of Northern Iowa and has over two and a half years of experience in the environmental field providing leadership and field development in both federal and private settings. He is knowledgeable and practiced in the areas of state and EPA regulatory compliance, regulatory interpretation, program development, and the development and implementation of work place safety planning, engineering controls and corrective actions.

Areas of Expertise

- Industrial Hygiene & Occupational Health
- Environmental and Health/Safety Compliance Audits

Project Experience

Retail Petroleum

Underground Storage Tank Assessment / National Retail Petroleum Companies / Kansas, Missouri, and Iowa

Project Role: Onsite Geologist supervising drilling, hydraulic probe, excavation, surveying, and interpreting laboratory analysis to fully characterize soil and groundwater impact resulting from the release of fuels from underground storage tank (UST) systems. Other tasks included preparation of Health & Safety Plans and assessment reports for submittal to clients and regulatory agencies.

Underground Storage Tank Remediation / National Retail Petroleum Companies / Kansas, Missouri, and Iowa

Project Role: Onsite Geologist and O&M Technician supervising the installation of monitoring wells, operation and maintenance of oxygen injection systems, recovery of free product, impacted groundwater, and soil vapor by passive methods.

Real Estate

Phase I Environmental Site Assessments / Various Locations

Project Role: Responsible for conducting site assessments, prepared, and written Phase I Environmental Site Assessments for multiple residential, commercial and light industrial properties throughout Kansas, Missouri, Iowa, and Illinois to investigate potential environmental conditions in accordance with client scope and ASTM Standard Practice E1527-13.

Brownfields

Interim Remedial Activities CAMU Excavation and Disposal / Nucor Steel / Nebraska

Project Role: Onsite supervisor responsible for all aspects of health, safety and environmental compliance for subcontractors during the removal and testing of synthetic liner, excavation and loading of impacted CAMU materials, and collection of confirmation soil samples from beneath the footprint of the excavated CAMU material.



Andrew Gustin
Environmental Scientist

Construction

Indoor Air Quality Assessments / Kansas

Project Role: Conducted indoor assessments to identify causes of poor indoor air quality, or water infiltration into a building. Responsibilities included performing inspections of building material utilizing a moisture meter to identify building materials with elevated moisture, collecting samples of suspect ACM impacted by moisture, collecting bioaerosol samples for fungal particulate analysis and preparing reports based on laboratory analytical data.

Asbestos Inspections / Various Locations

Project Role: Responsible for performing asbestos inspection surveys of commercial and residential properties throughout Kansas, Missouri, and Iowa for Asbestos Containing Material, collecting samples of suspect materials, and preparing reports based on laboratory analytical.



Eric J. Mueggenberg, PG, RG, CGP Operations Manager

PROFESSIONAL SUMMARY

Branch Location

- Des Moines, Iowa

Education

- Iowa State University; BS, Geology, 2002

Professional Registrations/ Certifications

- Certified Groundwater Professional, Iowa, Certification #1993
- Licensed Professional Geologist, Nebraska, License Number G-0337
- Registered Geologist, Missouri, License Number 2017015746
- Iowa Well Driller #9516
- Certified Lead Inspector/Risk Assessor, Certification # IA2008-INSP-0094
- Asbestos Inspector / Management Planner, Project Designer, Iowa, License Numbers, 20-4172, 20-4173, 20-4174

Specialized Training

- OSHA 40 Hour Hazardous Waste Site Operations Health & Safety Course
- OSHA 8 Hour Annual Refresher Training for Hazardous Waste Site Operations
- Instrument Operator Training Heuresis Corporation, Pb200i
- RMD: Lead-Based Paint Inspection Systems Manufacturer's Training
- NIOSH 582E Microscopist

ATC Start Date

- January, 2018
- Four Years Remediation System Experience (GET + Injection)

Mr. Mueggenberg is an Operations Manager for ATC serving the Midwest from the Des Moines, Iowa office. He has over 17 years of experience in environmental services. Mr. Mueggenberg has extensive experience in managing and conducting environmental projects including site geologic, hydrogeologic and contaminant characterization for a variety of contaminants including petroleum, solvents, metals and agricultural chemicals. During his career, he has performed small scale to large-scale investigations of petroleum releases for property owners including banks, state and federal agencies, military, and various commercial and industrial clients. Additional responsibilities include evaluation of remedial alternatives and development and implementation of Remedial Action Plans. He also provides professional review and assists in risk evaluation for numerous petroleum storage tanks. State and federal programs he has had regulatory involvement in include the LUST program of Iowa, Missouri Department of Natural Resources, Kansas Department of Health and Environment, Nebraska Department of Environmental and Energy, Voluntary Cleanup Programs in Iowa, and RCRA and Superfund with US EPA Region 7.

Project Experience

Petroleum remediation, Harolds Amoco, Blairstown, IA (2011 – 2017)

Project Manager responsible for managing petroleum remediation, free product recovery site assessment and site monitoring at the LUST site. Project included initial use of activated carbon injection and Persulfate via In Situ Chemical Reduction to remediate petroleum contaminants. The installation of approximately 45 injections locations across the two property and into adjoining city streets were also part of a network of approximately 20 monitoring wells. Additional remediation tasks included excavation of petroleum impacted material from the site and the adjoining city streets and land applying the soil allowing natural degradation to occur.

Site Cleanup (Petroleum Contamination Remediation (soil)/PAH Removal (soil)/Lead Contamination Stabilization and Removal (soil)) Prairie Trail Development, Former Des Moines Ordinance Plant, Ankeny, IA (2007 to 2010)

Environmental Scientist responsible for sampling procedures, scope for assessment/delineation, mapping, and sampling of contaminants at several locations throughout the approximately 1,100 acre site. Chemicals of concern throughout the facility included PAHs, lead contaminated soils, RCRA-8 metal soil contamination, pesticide/herbicide soil contamination, lead and hexavalent chromium leach assessment, rumors of buried object. Project included delineation contamination identified during initial assessment, soil removal, landfarming petroleum contamination, stabilizing TCLP – lead followed by soil removal.

Petroleum Remediation/Lead in Soil Cleanup, Pittsburg Des Moines Steel, Des Moines, Iowa (2007 – 2010)

Environmental Scientist responsible for free product recovery site assessment and site monitoring. Project included initial lead in soil contamination, Groundwater Extraction Treatment System for gasoline, diesel and waste oils with oil/water separator maintenance and discharge.

- Multiple Minnesota remediation sites – Groundwater sampling and containerizing purge water, removal of containerized purge water approved for removal from facility for treatment, cleaning remediation equipment with shutdown and startup procedures.
- Underground Storage Tank and Pipe Closure / Iowa Manage and sample several underground storage tank and/or pipe closures throughout Iowa in accordance with Chapter 567-134 and Chapter 567-135 of the Iowa Administration Code.
- Pipeline Projects Completed pipeline cleanups in Nebraska for ammonia and Illinois/Iowa for petroleum product releases, including management of a geophysical investigation, as well as supervision of ammonia and petroleum pipeline soil removal action.
- Remediation / Petroleum Marketers, and Emergency Response / Sites across Iowa Managed over 50 high risk/low risk or emergency response sites undergoing corrective action with direction from the Iowa Department of Natural Resources. Duties included but were not limited to providing scope of work and budget, full-scale implementation, subcontractor management, supervision of field personnel, permitting, technical review and report writing. Experienced with the following remediation technologies: SVE, air sparging, biosparging/bioventing, dual-phase extraction (DPE), free product recovery systems, and chemical oxidation.
- Record Search Risk Assessment (RSRA) / Phase I ESAs / Various Properties / United States Performed and managed hundreds of RSRA/Phase I ESAs on commercial developments, industrial and manufacturing, residential, and vacant properties. Responsibilities included liability assessment and risk evaluation. Few went to Phase II investigations, resulting in the successful design and execution of remedial investigations and action plans.



PROFESSIONAL SUMMARY

Mr. Dickinson joined ATC in 2019 as a Project/Office Manager and currently manages and supervises asbestos, mold, environmental and site investigation projects and related activities for ATC's North Platte, Nebraska office. Mr. Dickinson has over 20 years of significant experience in environmental consulting and related services. Prior to ATC Mr. Dickinson served as part owner and environmental department manager for a North Platte-based environmental consulting firm managing clientele in both the public and private sectors. Mr. Dickinson maintains his Nebraska Asbestos Inspector/Management/Planner and Nebraska Well Driller/Pump Installer license.

In his role as Office Manager, Mr. Dickinson is responsible for business development, client relations, sales and marketing activities, project estimate, proposal development and contract management. Senior project management duties include project management and supervision of field personnel performing field inspections for hazardous building material assessments including asbestos, lead paint, indoor air quality, and industrial hygiene. Daily routines include project set up and coordination; project cost estimating and proposal development; field inspections and sampling; and report development.

PROJECT EXPERIENCE

Asbestos and Management Projects

- **Asbestos Inspector/Management/Planner** on numerous demolition and renovation projects 2010 to present. Perform suspect material sampling, logging, characterization, reporting and management of ACM removal, transport and disposal. Perform air clearance sampling for ACM abatement projects.
- **Project Manager/lead driller** for drilling/ monitoring well installation for over 40 RBCA LUST sites under Nebraska Department of Environmental Quality guidelines. Tasks include pre-site investigation, monitoring well installation, soil sampling, site mapping, groundwater flow characterization, dissolved phase plume delineation, continuing site evaluation, site closure, and Title 200 reimbursement applications. Has installed wells on UPRR property and been involved in several UPRR projects. Notable environmental drilling projects include: EPA project in Grand Island, Nebraska installation of 40+ monitoring wells to depths up to 100 feet bgs over 8 year span. EPA project in Ogallala, Nebraska installation of 30+ monitoring wells over 5 year span.
- **Geotechnical Sites** lead driller for over 100 geotechnical projects. Project sizes include small additions with 3 borings to large new construction with several borings up to 80 feet deep. Tasks include boring layout, drilling, sampling, soil logging. Assist with laboratory analysis of physical soil classification parameters using various soil lab methods.

Project Manager Petroleum Remediation Notable projects include:

- Design, installation, operation of a free product recovery system in Broken Bow, Nebraska where over 7,000 gallons of diesel fuel was recovered after a ruptured underground pipe resulted in over 10,000 gallons of diesel released into ground;
- Project Management for excavation of 2,000 cubic yards of petroleum impacted soils and installation/operation of SVE System in Platte Center, NE. Project Manager/Lead Field manager during soil excavation and disposal at a local land-farm site. Followed by installation

of horizontal network of PVC piping installed under concrete slab and building as part of SVE system. System operated for nearly 2 years. Incident closed.

- System Design installation and operation of a combination SVE/Sparge system in Sidney, NE for a LUST contaminate plume threatening to impact a City well. Plume encompassed three block area. System operated for approximately 2 yrs. Incident closed.

TRAINING AND CERTIFICATIONS

- Certified / Licensed Asbestos Inspector, Management Planner, Nebraska 2010
- Licensed Well Drilling/Pump Installer Contractor, Nebraska 1999
- Wetland Training Institute, Wetland Delineator Certification 2012
- OSHA 40 Hour Hazardous Waste Site Operations Health & Safety Course with Annual Refreshers
- Soil Evaluator Certificate, Nebraska 2018
- IGSHPA Certified, 2010
- Well Driller, South Dakota, 2010

EDUCATION

- B.S., Chemistry (Biology Minor) Chadron State College 1992

PROFESSIONAL EMPLOYMENT HISTORY

- Office Manager ATC Group Services 2019-Present
- Environmental Department Manager, SGS 2017-2018
- Environmental Department Manager, Twin Rivers Testing, 2010-2017
- Project Manager/Environmental Scientist, Tetra Tech, 1997-2010
- Inorganic Chemist, Maxim/Tetra Tech, 1996-1997
- Field Technician, Huntingdon/Tetra Tech, 1994-1996

Appendix J

Records of Communication

ATC Group Services is in the process of preparing a Phase I Environmental Site Assessment for the following properties in Hershey, Nebraska.

Parcels #0078700.10, #0081261.00, #0081230.00, #0081231.00

As a part of our investigation we request the following records, if available:

Environmental Department:

- Any records of ASTs/USTs on file for the subject property.
- Any records of hazardous materials spills or fires on file for the subject property.
- Any records of septic systems, wells, or petroleum activities on file for the subject property.

Fire Department:

- Any records of ASTs/USTs on file for the subject property.
- Any records of hazardous materials spills or fires on file for the subject property.
- Any records of petroleum activities on file for the subject property.
- Any fire code violations.

Building Department

- Original construction year.
- Any demolition or stormwater permits or violations.
- Any records of grease traps or grease collection devices/services.
- Any records of septic systems, wells, or petroleum activities on file for the subject property.
- Any Building code violations.
- Certificates of Occupancy.

Zoning Department

- The current zoning designation for the subject property.

If you have any questions or comments, please do not hesitate to contact me at 515-708-9374 or andrew.gustin@atcgs.com.

Thank you,



Andrew Gustin
Environmental Scientist
ATC Group Services LLC
4503 E 50th Street, Suite 800
Des Moines, Iowa 50317
Office: 515-981-4528
Cell: 515-708-9374
andrew.gustin@atcgs.com

Andrew Gustin

From: shelby@villageofhershey.com
Sent: Wednesday, July 29, 2020 10:49 AM
To: Andrew Gustin
Cc: Myers, Brandon W.
Subject: [EXTERNAL] RE: Hershey Nebraska Records Request
Attachments: Zoning Map 2008.pdf

[External Email] This email originated from outside of the Atlas mail system. Please use caution when opening attachments.

I am replying with the following information that you requested.

Building: There are water and sewer lines out to these locations. Brandon Myers (cc'd on this email) should have details on those. Demolition, Stormwater, grease traps, grease collections, building code violations and certificates of occupancy are not applicable.

Zoning: The Zoning for the 4 PIDs is zoned Ag. I have attached a map confirming PID 0078700.10 & 0081261.00. Our map goes out just to the west of the other 2 parcels (0081230.00 & 0081231.00) which are also zoned Ag. TC Engineering can vouch for this if needed.

Please let me know if I can be of any further assistance.

Shelby Morrison, Clerk/Treasurer
Village of Hershey

PO Box 353 – 205 W 1st St
Hershey, NE 69143
OFFICE (308) 368-5840 / FAX (308) 368-7764
shelby@villageofhershey.com

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From: Andrew Gustin <Andrew.Gustin@atcgs.com>
Sent: Tuesday, July 28, 2020 10:09 AM

To: info@villageofhershey.com

Subject: Hershey Nebraska Records Request

Hello,

ATC is conducting a Phase I Environmental Site Assessment for four (4) parcels just east of Hershey. Attached is a records request for the properties. Please disregard the environmental section as I will be sending this request to the county as well. Any information you may have is helpful

Thank you!

*****WE'VE MOVED SEE NEW ADDRESS BELOW*****

Andrew Gustin | ENVIRONMENTAL SCIENTIST | **ATC Group Services LLC**
Office +1 515 706 6032 | Direct +1 515 708 9374



4503 E 50TH STREET, SUITE 800 | DES MOINES, IA 50317
andrew.gustin@atcgs.com | www.atcgroupservices.com

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Andrew Gustin

From: shelby@villageofhershey.com
Sent: Monday, August 03, 2020 2:13 PM
To: Andrew Gustin
Subject: RE: [EXTERNAL] RE: Potable Water
Attachments: Quality on Tap 2020- HERSHEY .docx

Absolutely. I have attached it. Let me know if you need anything further.

Shelby Morrison, Clerk/Treasurer
Village of Hershey

PO Box 353 – 205 W 1st St
Hershey, NE 69143
OFFICE (308) 368-5840 / FAX (308) 368-7764
shelby@villageofhershey.com

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From: Andrew Gustin <Andrew.Gustin@atcgs.com>
Sent: Monday, August 3, 2020 1:30 PM
To: shelby@villageofhershey.com
Subject: RE: [EXTERNAL] RE: Potable Water

Are you on your own water supply? If so, could you supply me with the most recent water quality report?

Thank you,

*****WE'VE MOVED SEE NEW ADDRESS BELOW*****

Andrew Gustin | ENVIRONMENTAL SCIENTIST | **ATC Group Services LLC**
Office +1 515 706 6032 | Direct +1 515 708 9374



4503 E 50TH STREET, SUITE 800 | DES MOINES, IA 50317
andrew.gustin@atcgs.com | www.atcgroupservices.com

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From: shelby@villageofhershey.com [<mailto:shelby@villageofhershey.com>]
Sent: Monday, August 03, 2020 1:27 PM
To: Andrew Gustin <Andrew.Gustin@atcgs.com>
Subject: [EXTERNAL] RE: Potable Water

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Hi Andrew-
We are not supplied by North Platte.

Shelby Morrison, Clerk/Treasurer
Village of Hershey

PO Box 353 – 205 W 1st St
Hershey, NE 69143
OFFICE (308) 368-5840 / FAX (308) 368-7764
shelby@villageofhershey.com

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From: Andrew Gustin <Andrew.Gustin@atcgs.com>
Sent: Monday, August 3, 2020 12:55 PM
To: shelby@villageofhershey.com
Subject: Potable Water

Shelby,

Is Hershey supplied with water by the City of North Platte?

*****WE'VE MOVED SEE NEW ADDRESS BELOW*****

Andrew Gustin | ENVIRONMENTAL SCIENTIST | **ATC Group Services LLC**
Office +1 515 706 6032 | Direct +1 515 708 9374



4503 E 50TH STREET, SUITE 800 | DES MOINES, IA 50317
andrew.gustin@atcgs.com | www.atcgroupservices.com

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Appendix K

Laboratory Reports

**No documents have been associated
with this appendix.**

Appendix L

Other Supporting Documentation

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

Inquiry Number: 6136640.9S
JULY 30, 2020

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

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

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

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

RESEARCH SOURCE

Source 1: LINCOLN COUNTY RECORDER'S OFFICE
Source 2: NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: DENNIS STEFFES
Title received from: PETER JACOB ROUECHE AND GOLDENE M ROUECHE
Date Executed: 04/20/2006
Date Recorded: 04/21/2006
Book: NA
Page: NA
Volume: NA
Instrument#: 2006-002570
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

Legal Description: PT. NE1/4 28-14-32 7.20 A.

Current Owner: DENNIS J STEFFES

Property Identifiers: 0081261.00

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments:

NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

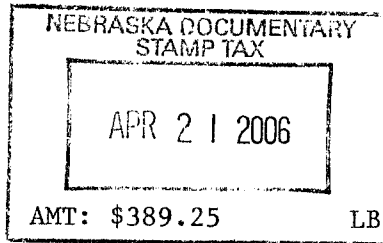
DEED EXHIBIT

2006 02570

PAGE 1 OF 2

LINCOLN COUNTY, NE
RECORDED & ENTERED

2006 APR 21 PM 4 08

Bette L. Johnson
REGISTER OF DEEDS**WARRANTY DEED**

Peter Jacob Roueche and Goldene M. Roueche, husband and wife, GRANTOR, in consideration of One Dollar (\$1.00) and other good and valuable consideration, conveys to GRANTEE, Dennis Steffes, the following described real estate (as defined in Neb. Rev. Stat. § 76-201):

Tract I:

A tract of land In the Northeast Quarter of the Northwest Quarter of Section 28, Township 14 North, Range 32 West of the 6th P.M., Lincoln County, Nebraska more particularly described as follows:

Referring to the North Quarter Corner of Section 28, Township 14 North, Range 32 West of the 6th P.M., Lincoln County, Nebraska; thence S 0° 06' 50" E (on assumed bearing) on the east line of the Northwest Quarter of said Section 28, a distance of 135.00 feet to the POINT OF BEGINNING; thence continuing S 0° 06' 50" E on said east line, a distance of 677.66 feet to the Northeast Corner of Lot 1, Simplot 2nd Replat; thence N 88° 40' 00" W on the north line of said Lot 1, a distance of 1321.93 feet to the west line of the Northeast Quarter of the Northwest Quarter of said Section 28; thence N 0° 03' 05" W on said west line, a distance of 642.30 feet; thence N 89° 48' 15" E, a distance of 1320.85 feet to the POINT OF BEGINNING.

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Tract III:

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SCOTT ABSTRACT
P.O. BOX 929
35322-
NORTH PLATTE, NE 69103

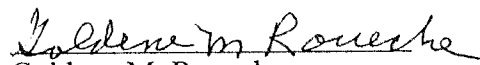
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GRANTOR covenants (jointly and severally, if more than one) with GRANTEE that GRANTOR:

1. is lawfully seized of such real estate and that is free from encumbrances, EXCEPT subject to easements, reservations, and restrictions of record;
2. has legal power and lawful authority to convey the same;
3. warrants and will defend title to the real estate against the lawful claims of all persons.

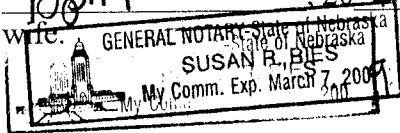
Executed: April 20, 2006.

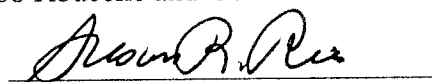

Peter Jacob Roueche


Goldene M. Roueche

STATE OF Nebraska)
COUNTY OF Lincoln)

The foregoing instrument was acknowledged before me this 20 day of April, 2006, by Peter Jacob Roueche and Goldene M. Roueche, husband and




Notary Public

My Commission Expires: _____

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

Inquiry Number: 6136640.9S
JULY 30, 2020

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

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

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

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

RESEARCH SOURCE

Source 1: LINCOLN COUNTY RECORDER'S OFFICE
Source 2: NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: DENNIS STEFFES
Title received from: PETER JACOB ROUECHE AND GOLDENE M ROUECHE
Date Executed: 04/20/2006
Date Recorded: 04/21/2006
Book: NA
Page: NA
Volume: NA
Instrument#: 2006-002570
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

Legal Description: PT. NW1/4 27-14-32 9.28 A.

Current Owner: DENNIS J STEFFES

Property Identifiers: 0081231.00

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments:

NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

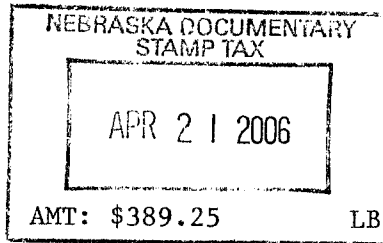
DEED EXHIBIT

2006 02570

PAGE 1 OF 2

LINCOLN COUNTY, NE
RECORDED & ENTERED

2006 APR 21 PM 4 08

Bette L. Johnson
REGISTER OF DEEDS**WARRANTY DEED**

Peter Jacob Roueche and Goldene M. Roueche, husband and wife, GRANTOR, in consideration of One Dollar (\$1.00) and other good and valuable consideration, conveys to GRANTEE, Dennis Steffes, the following described real estate (as defined in Neb. Rev. Stat. § 76-201):

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SCOTT ABSTRACT
P.O. BOX 929
35322-
NORTH PLATTE, NE 69103

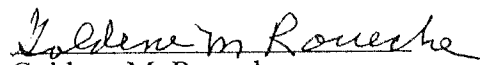
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2. has legal power and lawful authority to convey the same;
3. warrants and will defend title to the real estate against the lawful claims of all persons.

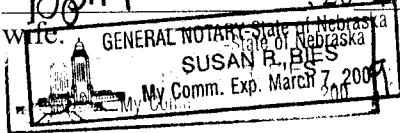
Executed: April 20, 2006.

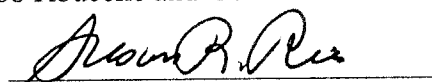

Peter Jacob Roueche


Goldene M. Roueche

STATE OF Nebraska)
COUNTY OF Lincoln)

The foregoing instrument was acknowledged before me this 20 day of April, 2006, by Peter Jacob Roueche and Goldene M. Roueche, husband and




Notary Public

My Commission Expires: _____

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

Inquiry Number: 6136640.9S
JULY 30, 2020

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

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- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

PARCEL #S 0081261.00, 0081230.00, & 0081231.00
18488 W HIGHWAY 30
HERSHEY, NE 69143

RESEARCH SOURCE

Source 1: LINCOLN COUNTY RECORDER'S OFFICE
Source 2: NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: PERSONAL REPRESENTATIVE'S DEED
Title is vested in: DENNIS STEFFES
Title received from: WILMA ROUECHE, PERSONAL REPRESENTATIVE OF THE ESTATE OF FLOYD EUGENE ROUECHE
Date Executed: 04/20/2006
Date Recorded: 04/21/2006
Book: NA
Page: NA
Volume: NA
Instrument#: 2006-002571
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

Legal Description: PT. NW1/4 27-14-32 76.98 A.

Current Owner: DENNIS J STEFFES

Property Identifiers: 0081230.00

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments:

NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

DEED EXHIBIT

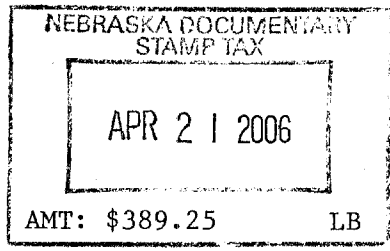
SOUTHERN
P.O. BOX 929 35322-
NORTH PLATTE, NE 69103

PAGE 1 OF 3

2006 02571

LINCOLN COUNTY, NE
RECORDED & ENTERED

[Handwritten signatures]



2006 APR 21 PM 4 08

[Handwritten signature]

REGISTER OF DEEDS

PERSONAL REPRESENTATIVE'S DEED
General

Wilma Roueche, Personal Representative of the Estate of Floyd Eugene Roueche, GRANTOR, in consideration of One Dollar and other valuable consideration, conveys to GRANTEE, Dennis Steffes, the following described real estate (as defined in Neb. Rev. Stat. 76-201):

See attached Exhibit "A"

subject to easements and restrictions of record.

GRANTOR covenants with GRANTEE that GRANTOR has legal power and lawful authority to convey the same.

Executed April 20, 2006

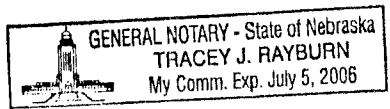
Estate of Floyd Eugene Roueche

[Handwritten signature: Wilma Roueche]
Wilma Roueche,
Personal Representative

STATE OF NEBRASKA
COUNTY OF Lincoln

The foregoing instrument was acknowledged before me this 20th day of April, 2006 by
Wilma Roueche, Personal Representative of the Estate of Floyd Eugene Roueche.

[Handwritten signature: Tracey J. Rayburn]
Notary Public



File # 35322-

Exhibit "A"**Tract I:**

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7/28/2020

Lincoln County

Parcels

PID	OwnerName	OwnerAddress	PropertyAddress	LegalDesc	LANDVALUE	OUTBUILDINGVALUE	IMPROVEMENTVALUE	TOTALVALUE
0081261.00	STEFFES, DENNIS J.	21633 WEST SUBURBAN RD HERSHEY NE 69143-0000	18488 WEST HWY 30	PT. NE1/4 28-14-32 7.20 A.	42230	147195	0	189425

Sections

T	R	SEC	STR
14	32W	28	28-14-32W



Legend

- Water
- Shallow Water
- Moderate Flood Hazard
- Severe Flood Hazard
- Unshaded Area
- Boundary
- Boundary
- Boundary
- Boundary
- Boundary
- Boundary
- Boundary
- Wetland
- Wetland
- Wetland
- Point of Interest
- Point of Interest



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Lincoln County, Nebraska**



August 12, 2020

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

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MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lincoln County, Nebraska
Survey Area Data: Version 19, Jun 9, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 24, 2010—Feb 19, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
8503	Lex loam, occasionally flooded	7.1	81.2%
8554	Silver Creek silt loam, occasionally flooded	1.6	18.8%
Totals for Area of Interest		8.8	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Lincoln County, Nebraska

8503—Lex loam, occasionally flooded

Map Unit Setting

National map unit symbol: 1v150
Elevation: 800 to 5,500 feet
Mean annual precipitation: 20 to 22 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 135 to 155 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Lex and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lex

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy alluvium over sandy and gravelly alluvium

Typical profile

H1 - 0 to 14 inches: loam
H2 - 14 to 27 inches: stratified loam to very fine sandy loam to silty clay loam
H3 - 27 to 60 inches: gravelly coarse sand

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 2.00 in/hr)
Depth to water table: About 12 to 36 inches
Frequency of flooding: NoneOccasional
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 6.0
Available water capacity: Moderate (about 6.8 inches)

Interpretive groups

Land capability classification (irrigated): 3w
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C
Other vegetative classification: Subirrigated - Veg. zone 2 (072XY024NE_2)
Hydric soil rating: No

Minor Components

Wt at 0-1 foot

Percent of map unit: 1 percent

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Landform: Swales
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: Yes

8554—Silver Creek silt loam, occasionally flooded

Map Unit Setting

National map unit symbol: 1v15d
Elevation: 800 to 5,500 feet
Mean annual precipitation: 20 to 22 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 135 to 155 days
Farmland classification: Not prime farmland

Map Unit Composition

Silver creek and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Silver Creek

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Typical profile

H1 - 0 to 9 inches: silt loam
H2 - 9 to 34 inches: silty clay
H3 - 34 to 39 inches: clay loam
H4 - 39 to 60 inches: gravelly sand

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.20 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: OccasionalNone
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 9.0
Available water capacity: Moderate (about 7.1 inches)

Interpretive groups

Land capability classification (irrigated): 3w

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Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: D

Ecological site: R071XY052NE - Saline Subirrigated

Other vegetative classification: Subirrigated - Veg. zone 2 (072XY024NE_2)

Hydric soil rating: No

Minor Components

Wt at 0-1 foot

Percent of map unit: 1 percent

Landform: Swales

Down-slope shape: Concave

Across-slope shape: Linear

Hydric soil rating: Yes

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PUSC

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

 Estuarine and Marine Deepwater
 Estuarine and Marine Wetland

 Freshwater Emergent Wetland
 Freshwater Forested/Shrub Wetland
 Freshwater Pond

 Lake
 Other
 Riverine

National Wetlands Inventory (NWI)
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