

# Central Nebraska Replacement Veterans Home

## *Hastings, Nebraska*

Phase 1 Environmental Assessment





**PHASE I  
ENVIRONMENTAL SITE ASSESSMENT**

**CENTRAL NEBRASKA REPLACEMENT VETERANS HOME  
NE CORNER OF US HIGHWAY 281 & LOCHLAND ROAD  
HASTINGS, NEBRASKA**

**Prepared For  
CITY OF HASTINGS  
220 NORTH HASTINGS AVENUE  
HASTINGS, NEBRASKA**

**Prepared By  
GSI ENGINEERING NORTHERN DIVISION, LLC  
2960 NORTH DIERS AVENUE  
GRAND ISLAND, NEBRASKA 68803-1243**

**GSI Project No. 135078**

**June 4, 2013**

June 4, 2013

David Wacker  
City of Hastings  
220 North Hastings Avenue  
Hastings, Nebraska 68901

Re: Phase I Environmental Site Assessment  
Central Nebraska Replacement Veterans Home  
Northeast Corner of US Highway 281 & Lochland Road  
Hastings, Nebraska  
GSI Project No. 135078

Dear Mr. Wacker,

GSI Engineering Northern Division, LLC (GSI) is pleased to present the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced property. Should you have any questions, you may contact me at 308.381.1987 or [cthomas@gsinetwork.com](mailto:cthomas@gsinetwork.com).

GSI has appreciated the opportunity to assist you with your environmental needs. If we can be of assistance to you with any future phases of this project, we would be happy to help.

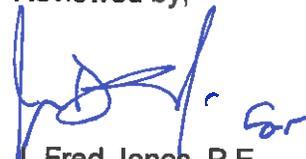
Respectfully,  
GSI Engineering Northern Division, LLC

Prepared by,



Carrie A. Thomas  
Environmental Scientist

Reviewed by,



J. Fred Jones, P.E.  
Principal Engineer



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## **1.0 INTRODUCTION**

### **1.1 Purpose**

This Phase I Environmental Site Assessment (ESA) was performed in general accordance with the scope and limitations of American Society for Testing and Materials (ASTM) E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This practice is intended to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability. The goal of ASTM Practice E 1527-05 is to identify, to the extent feasible, *recognized environmental conditions* associated with a parcel of property. "The term *recognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate government agencies."

### **1.2 Scope of Services**

The scope of this Phase I ESA consisted of a preliminary evaluation of the property. The assessment for this property was initiated in May 2013 and completed in June 2013. Assessment activities consisted of:

- Review of the topographic and hydrogeologic setting of the property and surrounding properties;
- A historical review of property use through one or more of the following: interviews, aerial photographs, zoning maps, city street directories, and/or Sanborn maps;
- Search of local, state, and federal environmental agency records;
- Site reconnaissance; and
- Reporting the findings of the investigation.

### **1.3 Significant Assumptions**

The following significant assumptions were used to formulate the recommendations and opinions contained in this report:

- Existing reports are accurate;
- Interview comments are accurate;
- Environmental database information is complete;
- Conditions at the time of the site visit were representative of ordinary conditions at the assessment site;
- Location of assessment site boundaries are accurate;
- Geological conditions are the same as shown on published maps; and
- Groundwater conditions are the same as shown on published maps.

### **1.4 Limitations and Exceptions**

Along with those limitations set forth in the ASTM Standard E 1527-05 protocol, the completeness of this report is necessarily limited by the following:

- Access Limitations – None

- Physical Obstructions to Observations – None
- Outstanding Information Requests – A chain-of-title was not provided by the time of publication of this report.
- Interviews – The previous owner was not interviewed.
- Historical Data Source Failure – None

### 1.5 Special Terms and Conditions

This report has been prepared for the exclusive use of the City of Hastings. This report was prepared as part of the City of Hastings submittal to the Nebraska Administrative Services, State Building Division, "Statement of Interest and Offer, Site Evaluation and Selection, for the Proposed Central Nebraska Replacement Veterans Home." The contents of this report may not be copied, provided, or otherwise communicated to any party other than those associated with or listed above without prior written consent of GSI.

### 1.6 User Reliance

This Phase I ESA was performed in general accordance with the scope and limitations of ASTM E 1527-05 and is intended to recognize environmental conditions associated with the assessment site. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the assessment site.

## 2.0 GENERAL SITE DESCRIPTION

### 2.1 Assessment Site

<b>Physical Address</b>	Northeast corner of US Highway 281 and Lochland Road, Hastings, Nebraska 68901
<b>Legal Description &amp; S-T-R</b>	Section 19, Township 8 North, Range 9 West except Tax lots 1, 2, 3, 4, and Ex Highway and ditch, Adams County, Nebraska
<b>Current Use</b>	Agricultural
<b>Zoning</b>	Agricultural
<b>Site Improvements</b>	There was a brick cistern, storm cellar, and irrigation well

### 2.2 Adjoining Properties

	<b>Use</b>	<b>Zoning</b>
<b>North</b>	Agricultural	Agricultural
<b>East</b>	Agricultural	Agricultural
<b>South</b>	Lochland Road and Residential	Agricultural
<b>West</b>	US Highway 281, Hastings Surgical Center, and Contryman Associates, PC	Commercial

The Topographic Map and Area Location Map are presented in Appendix A.

### 3.0 USER PROVIDED INFORMATION

#### 3.1 Owner and Occupant Information

The owner of the assessment site was identified as Cindy Gottsch Family, LLC. The site is currently agricultural.

#### 3.2 Reason for Performing Phase I

This Phase I ESA was being conducted as part of a real estate transaction.

#### 3.3 Title Records

A copy of the title records for the assessment site was not provided by the publication of the Phase I ESA.

#### 3.4 Environmental Liens or Activity and Use Limitations

GSI requested Mr. David L. Wacker, City Engineer for the City of Hastings, provide information on any environmental liens recorded against the assessment site, or any activity use limitations in connection with the assessment site. Mr. Wacker stated he had no knowledge of environmental liens or activity and use limitations for the assessment site.

#### 3.5 Specialized Knowledge

GSI requested Mr. Wacker communicate any specialized knowledge or experience that is material to recognized environmental conditions in connection with the assessment site. Mr. Wacker stated the site was used for agricultural purposes and it is possible that fertilizer, pesticides, and herbicides have been used.

#### 3.6 Valuation Reduction for Environmental Issues

Mr. Wacker stated that the purchase price being paid for the property reasonably reflects the fair market value of the property.

### 4.0 ENVIRONMENTAL RECORDS REVIEW

#### 4.1 Standard Environmental Record Sources – Federal, State, and Tribal

Environmental records from the Nebraska Department of Environmental Quality (NDEQ) and the United States Environmental Protection Agency (US EPA) were obtained for GSI by Environmental Data Resources, Inc. (EDR) in Milford, Connecticut. All specified databases were searched at the radii specified by the ASTM 1527-05 standard. Refer to Appendix B for the EDR Report.

**Table 1: Environmental Records Review Data**

Database Record	Search Distance (Miles)	Total Sites Found	On Adjoining Property	On Assessment Site
NPLs & Proposed NPLs	1	0	0	0
Delisted NPLs	0.5	0	0	0
CERCLIS	0.5	0	0	0
CERCLIS NFRAP	0.5	0	0	0
RCRA CORRACTS	1	0	0	0
RCRA TSD	0.5	0	0	0
RCRA LQG	TP/ADJ	0	0	0
RCRA SQG	TP/ADJ	0	0	0

Database Record	Search Distance (Miles)	Total Sites Found	On Adjoining Property	On Assessment Site
RCRA CESQG	TP/ADJ	0	0	0
RCRA Non-Gen	TP/ADJ	0	0	0
US Institutional Controls	TP	0	0	0
US Engineering Controls	TP	0	0	0
ERNS	0.5	NR	NR	NR
State/Tribal Hazardous Waste	0.5	N/A	N/A	N/A
State/Tribal SWF/LF	0.5	0	0	0
State/Tribal LUST/LAST	0.5	0	0	0
State/Tribal UST	TP/ADJ	0	0	0
State/Tribal AST	0.5	0	0	0
State/Tribal Institutional Controls	TP/ADJ	0	0	0
State/Tribal VCP	TP/ADJ	0	0	0
State/Tribal Brownfields	TP/ADJ	0	0	0
Local Brownfields	0.5	0	0	0
US Brownfields	0.5	0	0	0
SPILLS	TP	0	0	0
DOD	1	0	0	0
FUDS	1	0	0	0
Consent	1	0	0	0
ROD	1	0	0	0
TRIS	TP	0	NR	0
PADS	TP	0	NR	0
FINDS	TP	0	NR	0
Dry Cleaners	0.25	0	0	0
Manufactured Gas Plants	1	0	0	0

TP = Target Property

ADJ = Adjoining

NR = Not Reported

N/A = This State does not maintain a SWHS List. See the Federal CERCLIS List.

#### 4.1.1 Assessment Site

- The assessment site was not listed on the databases specified in the above table.

#### 4.1.2 Adjoining Properties

- Lochland Country Club, Highway 281 north of the City of Hastings, was listed on the LUST database. This facility is located southwest of the assessment site. The LUST listing had a file number of 071996-NM-1000 and has a no further action status.

#### 4.2 Additional Environmental Records Sources

##### Water Well Records

Water well records from the Public Water System, Public Water Systems Violations and Enforcement Data, United States Geological Survey (USGS) National Water Inventory System, and the Nebraska Department of Natural Resources were obtained by EDR. Refer to Appendix B for The EDR Radius Map with GeoCheck® Report.

- There was one USGS well within a one mile radius of the assessment site.

### 4.3 Physical Setting Source

**Table 2. Physical Setting Source**

<b>Topographic Map</b>	Hastings Northwest, Nebraska
<b>Elevation</b>	1,943 feet
<b>Slope</b>	The site sloped to the east and south
<b>Soil Type</b>	Holder silt loam with deep and moderately deep, moderately well and well drained soils with moderately coarse texture.
<b>Surface Water</b>	None
<b>Flood Plain</b>	Not reported/Not available
<b>Depth to Groundwater</b>	120 feet
<b>Groundwater Flow</b>	Southeast
<b>Anticipated Upgradient</b>	Northwest

### 4.4 Historical Use Information

GSI gathered and reviewed historical records to determine changes at the assessment site between 1898 and 2012. The past uses of the assessment site were identified through records review of Sanborn Fire Insurance Maps (Sanborn® Map), aerial photographs, historical topographic maps, and city directories. This information is discussed below.

GSI subcontracted EDR to perform Sanborn® Map, aerial photograph historical topographic map, and city directory searches. There were no Sanborn® Maps available of the assessment site. Copies of the Certified Sanborn® Map Report, The EDR Aerial Photo Decade Package, EDR Historical Topographic Map Report, and The EDR-City Directory Abstract are presented in Appendix C.

**Table 3: Assessment Site**

<b>Year</b>	<b>Property Uses</b>	<b>Reference</b>
1898	One structure and agricultural land	Topographic map
1967-1993	Farmstead and agricultural land	Topographic maps Aerial photographs
1999	Two structures and agricultural land	Aerial photograph
2005-2012	Two structures, agricultural land, and a pivot	Aerial photographs

**Table 4: Adjoining Properties**

<b>Year</b>	<b>Property Uses</b>	<b>Reference</b>
North		
1898-2012	Agricultural land	Topographic maps Aerial photographs
West		
1898-1999	Roadway and agricultural land	Topographic maps Aerial photographs
2005-2009	Roadway, one structure, and agricultural land	
2010-2012	Roadway, two structures, and agricultural land	
South		
1898-1993	Roadway and agricultural land	Topographic maps Aerial photographs City directories
1999-2012	Two residences	

Year	Property Uses	Reference
East		
1898-2012	Agricultural land	Topographic maps Aerial photographs

## 5.0 SITE RECONNAISSANCE

Carrie Thomas, Environmental Scientist, conducted a visual walk-through of the assessment site and observed adjacent properties on May 17, 2013. Observations are summarized in this section. Please refer to the Area Location Map and Site Map in Appendix A.

### 5.1 Methodology

GSI performed a visual reconnaissance of the assessment site, adjoining properties, and public thoroughfare areas. The site reconnaissance consisted of systematically walking around the site to provide an overlapping field of view. A summary of conditions observed on the subject property, which indicated the likelihood of recognized environmental conditions in connection with the assessment site, is presented below. An analysis of the significance of the conditions observed is discussed below. The features observed during the reconnaissance and any potential environmental conditions of concern were photographed where possible. Photographs of the assessment site and surrounding areas are presented in Appendix D.

### 5.2 General Site Setting

The assessment site had a brick cistern, storm cellar, irrigation well with a center pivot, and agricultural land.

**Table 5: Site Reconnaissance Observations**

Observed Conditions – Subject Property	On-Site	Adjoining	Comments
Hazardous Substances In Connection with the Property	No	No	
Petroleum Products in Connection with the Property	No	No	
Aboveground or Underground Storage Tanks	Yes	No	A 500-gallon fuel AST was located next to the irrigation motor and well on the assessment site.
Strong, Pungent, or Noxious Odors	No	No	
Pools of Liquid	No	No	
Storage Drums	No	No	
Hazardous Substance Containers	No	No	
Petroleum Product Substance Containers	Yes	No	A 1,000-gallon fuel AST and two 5-gallon oil buckets were located next to the irrigation motor and well on the assessment site.
Unidentified Substance Containers	No	No	

Observed Conditions – Subject Property	On-Site	Adjoining	Comments
Electrical and/or Mechanical Equipment Potentially Containing PCBs	No	Yes	Pole-mounted transformers were located on the south adjoining properties.
Interior Heating/Cooling	N/A	N/O	
Interior Stains and/or Corrosion	N/A	N/O	
Interior Drains and/or Sumps	N/A	N/O	
Pits, Ponds, or Lagoons	No	Yes	The south adjoining property had a pond for landscaping purposes.
Stained Soil or Pavement	Yes	No	Stained soils were observed around the well. The staining was small and appeared to be from maintenance on the motor and pump.
Stressed Vegetation	No	No	
Solid Waste	No	No	
Wastewater	No	No	
Wells	Yes	No	An irrigation well was located in the northeast section of the assessment site.
Other Conditions	No	No	

N/A – Not Applicable

N/O – Not Observed

## 6.0 INTERVIEWS/QUESTIONNAIRES

Pursuant to ASTM Standard E 1527-05 § 11, GSI conducted interviews to obtain information about previous ownership or uses of the site that may be material to identifying recognized environmental conditions. Pertinent information obtained through interviews is discussed below.

### 6.1 Owner Interview/Questionnaire

Mr. David Luth, Manager of Cindy Gottsch Family, LLC, completed an Owner Questionnaire & Disclosure Statement. The questionnaire was provided by GSI and is located in Appendix E. Mr. Luth stated the assessment site was used for farming. There is a 1,000-gallon diesel AST for the pivot. Kinder Morgan has a facility on the north adjoining property.

### 6.2 Previous Owner Interview/Questionnaire

The previous owner was not contacted.

### 6.3 Interview with Government Officials

Ms. Linda Waldron, Fire Prevention Officer for Hastings Fire and Rescue, stated the site is agricultural and they have no information in their database without a building address. The farmstead has been gone for a number of years.

Mr. Jeremy Groves, City of Hastings Environmental Engineering Assistant, stated there have been no reports received of illegal dumping or release of hazardous substances at the assessment site. Mr. Groves stated there was no report on file that might cause health concerns.

## 7.0 FINDINGS & OPINIONS

1. A chain-of-title was not provided to GSI by the publication of the Phase I ESA Report, which created a data gap. The data gap was not deemed evidence of a recognized environmental condition because the history of the site was established through aerial photographs and interviews.
2. Lochland Country Club, Highway 281 north of the City of Hastings, was listed on the LUST database. This facility is located southwest of the assessment site. The LUST listing had a file number of 071996-NM-1000 and has a no further action status. This facility was not deemed evidence of a recognized environmental condition in connection with the assessment site because of its distance and cross-gradient location.
3. A 1,000-gallon fuel AST and two 5-gallon oil buckets were located next to the irrigation motor and well on the assessment site. The AST and oil buckets were deemed evidence of a business environmental risk. There was no recent listing on the database indicating a release. A business environmental risk is "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice." There was no recent listing on the database indicating a release.
4. Stained soils were observed around the well. The staining was small and appeared to be from maintenance of the motor and pump. The staining was deemed evidence of a recognized environmental condition because it indicates a release into the soil and/or groundwater.
5. The previous owner of the assessment site was not contacted, which created a data gap. The data gap was not deemed evidence of a recognized environmental condition because of the type of facility and the history of the assessment site.

## 8.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of northeast corner of US Highway 281 and Lochland Road, Hastings, Nebraska, the property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed evidence of a recognized environmental condition and business environmental risk in connection with the property.

### Recognized Environmental Conditions

- Stained soils around the well

Options for the staining are properly removing the staining or collecting soil and/or groundwater samples to determine the depth of contamination.

### Business Environmental Risks

- 1,000-gallon fuel AST and two 5-gallon oil buckets

If further information is needed on the business environmental risk, groundwater and soil sampling could be conducted.

## 9.0 DEVIATIONS & DATA GAPS

Any deletions or deviations and their significance from the ASTM Practice E 1527-05 for this assessment are identified below:

- A chain-of-title was not provided to GSI by the publication of the Phase I ESA Report, which created a data gap. The data gap was not deemed significant because the type of facility and the history of the assessment site was established through historical database searches.
- The previous owner of the assessment site was not contacted. This missing information is not considered significant because the type of facility and the history of the assessment site was established through historical databases searches.

## 10.0 REFERENCES

Adams County website ([www.adams county.org/](http://www.adams county.org/)).

American Society for Testing and Materials (ASTM), *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-05*, Milford, Connecticut.

Environmental Data Resources, Inc. (EDR), Area Location Map.

Environmental Data Resources, Inc. (EDR), *Certified Sanborn® Map Report, Central Nebraska Replacement Veterans Home, NE Corner of US Highway 281 & Lochland Road, Hastings, NE 68901. May 16, 2013.*

Environmental Data Resources, Inc. (EDR), *EDR Historical Topographic Map Report, Central Nebraska Replacement Veterans Home, NE Corner of US Highway 281 & Lochland Road, Hastings, NE 68901. May 16, 2013.*

Environmental Data Resources, Inc. (EDR), *The EDR Aerial Photo Decade Package, Central Nebraska Replacement Veterans Home, NE Corner of US Highway 281 & Lochland Road, Hastings, NE 68901. May 16, 2013.*

Environmental Data Resources, Inc. (EDR), *The EDR-City Directory Abstract, Central Nebraska Replacement Veterans Home, NE Corner of US Highway 281 & Lochland Road, Hastings, NE 68901. May 20, 2013.*

Environmental Data Resources, Inc. (EDR), *The EDR Radius Map™ Report with GeoCheck®, Central Nebraska Replacement Veterans Home, NE Corner of US Highway 281 & Lochland Road, Hastings, NE 68901. May 16, 2013.*

Environmental Data Resources, Inc. (EDR), Site Map.

Environmental Data Resources, Inc. (EDR), Topographic Map.

### Questionnaires:

Mr. Jeremy Groves, Environmental Engineering Assistant for City of Hastings, Site Questionnaire, Completed May 16, 2013.

Mr. David Wacker, User Phase I Environmental Site Assessment Questionnaire, Completed May 16, 2013.

Ms. Linda Waldron, Fire Prevention Officer for Hastings Fire and Rescue, Site Questionnaire, Completed May 17, 2013.

Mr. Dave Luth, Manager of Cindy Gottsch Family, LLC, Owner Phase I Environmental Site Assessment Questionnaire, Completed June 3, 2013.

The Groundwater Atlas of Nebraska. Conservation and Survey Division, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln. Resource Atlas No. 4a/1998. Second Edition (revised).

## 11.0 LIMITATIONS

This report is based upon the recognized environmental conditions revealed during this assessment. The user is advised of the following limitations on the information presented in this report.

1. This report was prepared in general accordance with the scope and limitations of ASTM Practice E 1527-05. This standard is specifically designed to help you in the possible future preparation of the "innocent landowner" or "third party" statutory defenses available under the federal "Superfund" law, also known as CERCLA. To take advantage of this defense, you must be able to prove, among other things, that you did not know or have reason to know of any contamination existing on your property at the time you acquired it. You must also be able to prove that you made "all appropriate inquiry" into past uses of the property. The objective of the Phase I Environmental Site Assessment is to help provide this proof.
2. This report does not address requirements of any state or local laws or of any federal laws other than the appropriate inquiry provisions of CERCLA's "innocent landowner" defense. You should know that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of ASTM Practice 1527-05. You should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the property that are not addressed in this report and that may pose risks of civil and/or criminal sanctions for non-compliance.
3. Under ASTM Practice E 1527-05, you have a duty to assist in determining whether recognized environmental conditions may exist with respect to the property and advise us of certain matters which may be known to you. Your duties are to: (a) determine whether any environmental liens are filed against the property; (b) communicate to us, before the site reconnaissance, any specialized knowledge or experience which you may have that is material to the investigation; and (c) if you have actual knowledge that the purchase price of the property is significantly less than the purchase price of comparable properties, you must try to identify an explanation for the lower price and to make a written record of the same.
4. This report is not a comprehensive site characterization and should not be construed as such. The conclusions presented in this report are based on findings derived from a review of regulatory records and historical sources, comments made by interviewees, and from a site reconnaissance. The results of this study must be qualified by the fact that no environmental borings, soil or groundwater sampling, or chemical testing have been conducted. These activities are generally beyond the scope of a Phase I Environmental Site Assessment and are conducted only in the event that the Phase I Assessment indicates that they are necessary.
5. In conducting this site assessment, GSI has not investigated, even on a preliminary basis, certain matters which are considered to be beyond the scope of a Phase I Environmental Site Assessment. These matters are: asbestos-containing materials, radon, lead-based paint, lead in drinking water, mold, mildew, dust or other "sick building" syndrome causes wetlands, environmental impact studies, and requirements of the National Environmental Policy Act (NEPA). These matters are only addressed upon your specific request.
6. In conducting this site assessment, GSI has reviewed regulatory records and historical sources which are "reasonably ascertainable" as mandated by ASTM Practice E 1527-05. Generally, the standard considers information sources to be reasonably ascertainable if they can be obtained without extraordinary effort or delay. It is possible, therefore, that GSI's research, while fully appropriate and in compliance with the ASTM Practice, failed to indicate

the existence of important information which may alter the conclusions presented in this report. GSI cannot and does not accept responsibility for failure to consider information which was not "reasonably ascertainable" at the time the assessment was conducted.

7. For purposes of the conclusions presented in this report, GSI has assumed the truth, accuracy and reliability of records reviewed, and persons interviewed in connection with the preparation of this assessment. GSI cannot and does not guarantee the authenticity or reliability of the information it has relied upon.
8. The conclusions presented in this report are also based on readily observable conditions existing on the property in question and surrounding properties at the time the site reconnaissance was conducted. The conclusions presented in this report are therefore qualified and limited by the fact that certain indicators of the presence of hazardous materials may have been latent at the time of the site reconnaissance. GSI cannot and does not accept responsibility for latent conditions which may, subsequent to the site reconnaissance, become apparent in light of changed circumstances.
9. GSI does not undertake to inform you of additional information, which may or may not alter the conclusions presented herein, which may come to its attention after the report is prepared and delivered to you.

This environmental site assessment was performed in a manner consistent with the level of care and skill ordinarily exercised by environmental professionals practicing contemporaneously under similar conditions in the area of the project in question. No other warranty, expressed or implied, is given and all other warranties are hereby expressly disclaimed.

## 12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

We have the specific qualifications based on our education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. Qualifications for key personnel involved in the preparation of this Phase I ESA are provided in Appendix F.

## 13.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312.

Prepared by,



Carrie A. Thomas  
Environmental Scientist

Reviewed by,



J. Fred Jones, P.E.  
Principal Engineer

# **Appendix A:**

## **Maps**

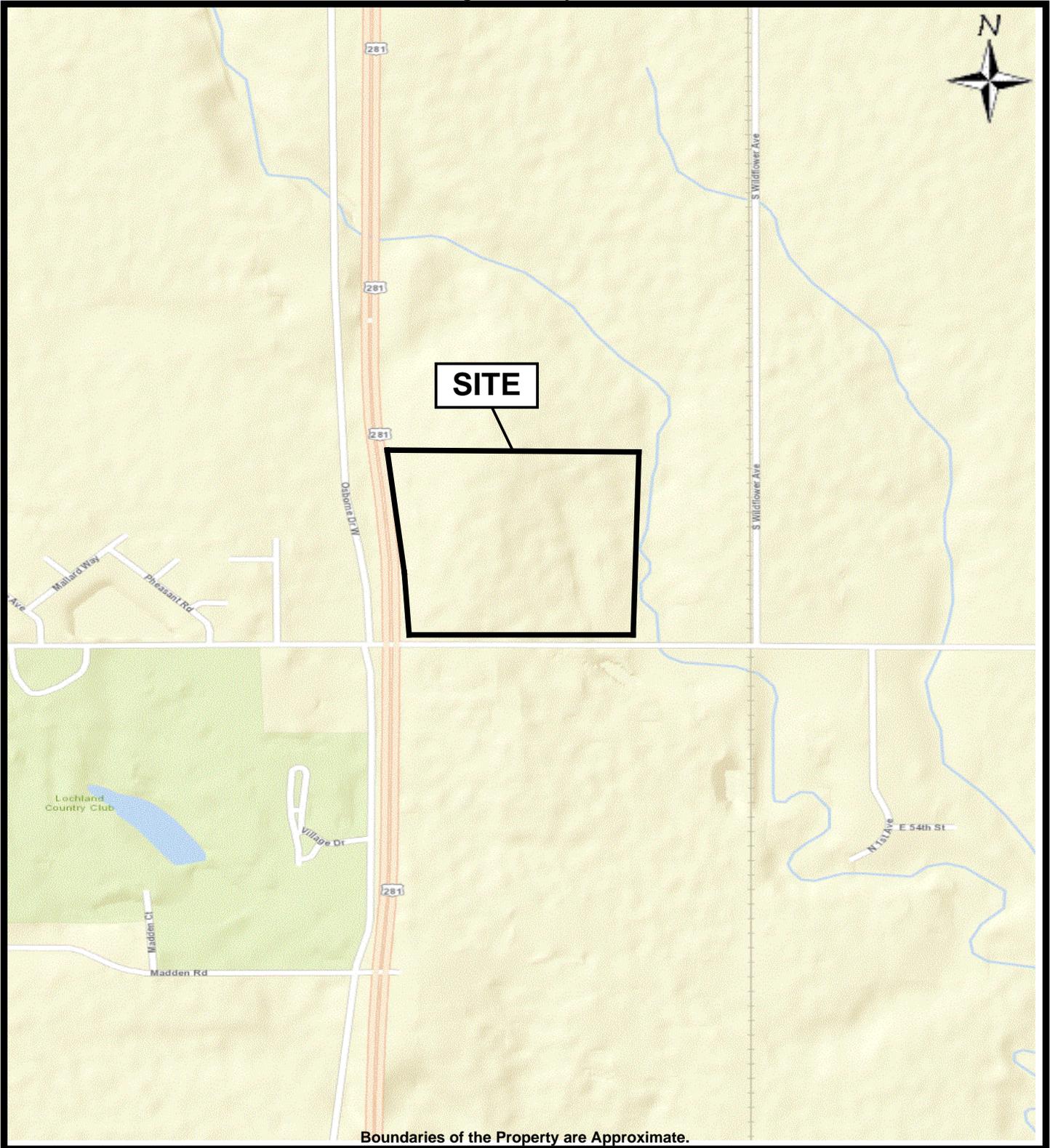


A division of Alt & Witzig Engineering

Site Map  
Central Nebraska Replacement Veterans Home  
NE Corner of US HWY 281 & Loachland Rd  
Hastings, NE 68901

PREPARED FOR: City of Hastings  
PROJ. MGR: Carrie Thomas  
DRAWN BY: Carrie Thomas

DATE: 05/20/2013  
PROJ. #: 135078

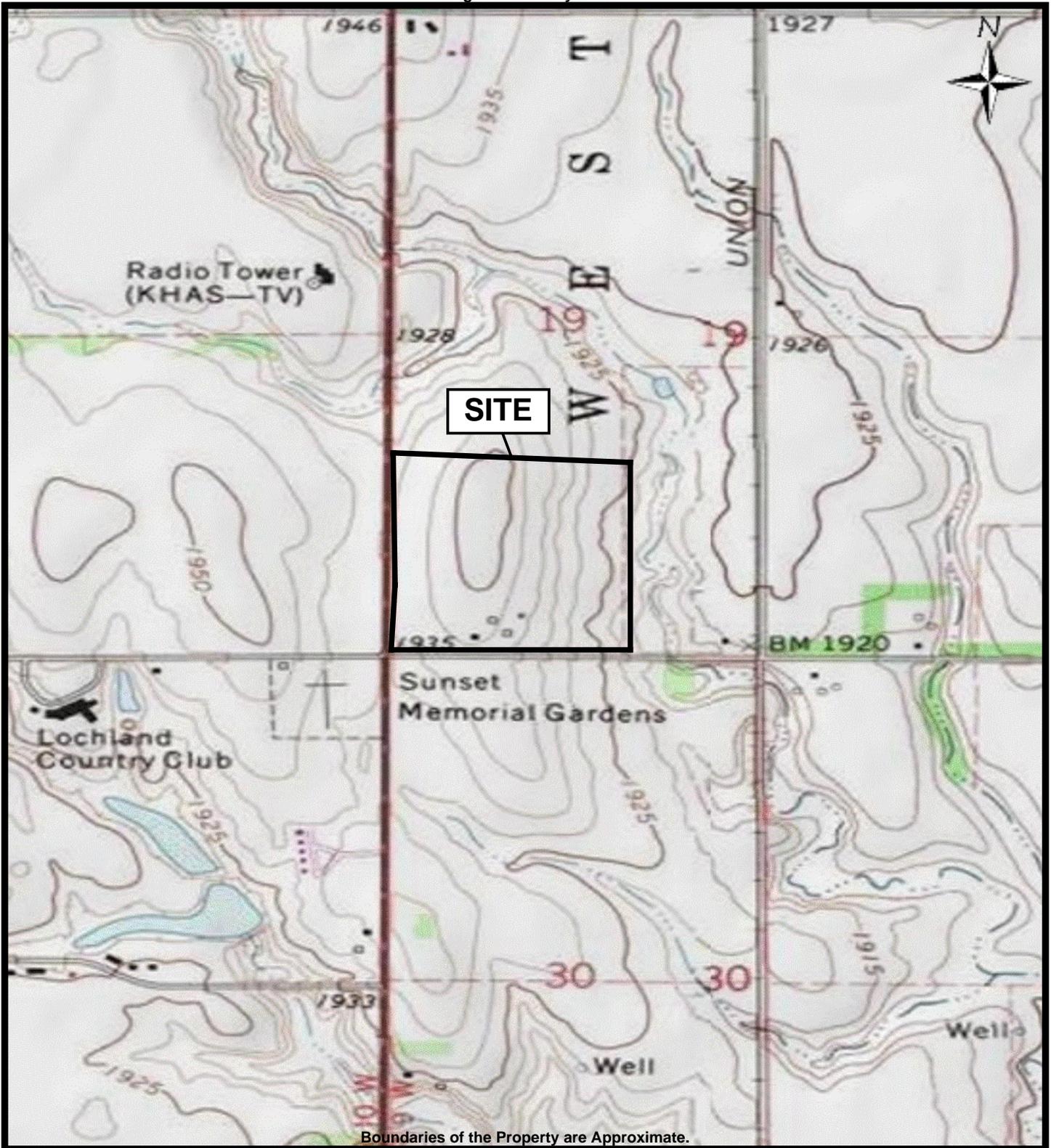


A division of Alt & Witzig Engineering

Area Location Map  
Central Nebraska Replacement Veterans Home  
NE Corner of US HWY 281 & Lochland Rd  
Hastings, NE 68901

PREPARED FOR: City of Hastings  
PROJ. MGR: Carrie Thomas  
DRAWN BY: Carrie Thomas

DATE: 05/20/2013  
PROJ. #: 135078



Boundaries of the Property are Approximate.



A division of Alt & Witzig Engineering

Topographic Map  
Central Nebraska Replacement Veterans Home  
NE Corner of US HWY 281 & Lochland Rd  
Hastings, NE 68901

PREPARED FOR: City of Hastings  
PROJ. MGR: Carrie Thomas  
DRAWN BY: Carrie Thomas

DATE: 05/20/2013  
PROJ. #: 135078

**Appendix B:**  
**Regulatory Search**

**Central Nebraska Replacement Veterans Home**

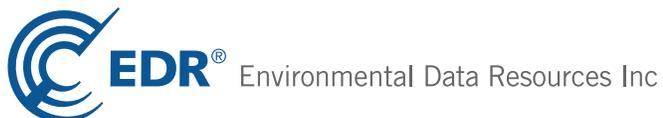
NE Corner of US HWY 281 & Loachland Rd

Hastings, NE 68901

Inquiry Number: 3608512.2s

May 16, 2013

**The EDR Radius Map™ Report with GeoCheck®**



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

NE CORNER OF US HWY 281 & LOACHLAND RD  
HASTINGS, NE 68901

#### COORDINATES

Latitude (North): 40.6424000 - 40° 38' 32.64"  
Longitude (West): 98.3791000 - 98° 22' 44.76"  
Universal Transverse Mercator: Zone 14  
UTM X (Meters): 552501.4  
UTM Y (Meters): 4499035.5  
Elevation: 1943 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40098-F4 HASTINGS NW, NE  
Most Recent Revision: 1974  
  
East Map: 40098-F3 TRUMBULL, NE  
Most Recent Revision: 1969

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### 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

## EXECUTIVE SUMMARY

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***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***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-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***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***

LAST..... Leaking Aboveground Storage Tank Sites  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

UST..... Facility and Tank Data

## EXECUTIVE SUMMARY

AST..... Hazardous Chemical AST List  
INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal institutional control / engineering control registries***

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

### ***State and tribal voluntary cleanup sites***

VCP..... RAPMA Sites  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Potential Brownfields Inventory Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

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

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

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

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL..... Clandestine Drug Labs  
US HIST 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

## EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Control Database
DRYCLEANERS.....	Drycleaner Facility Listing
NPDES.....	Wastewater Database Listing
AIRS.....	Air State Program List
TIER 2.....	Tier 2 Facility Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS.....	Lead Smelter Sites
Financial Assurance.....	Financial Assurance Information Listing
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***State and tribal leaking storage tank lists***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Control's Spill Tracking Reports.

A review of the LUST list, as provided by EDR, and dated 04/01/2013 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

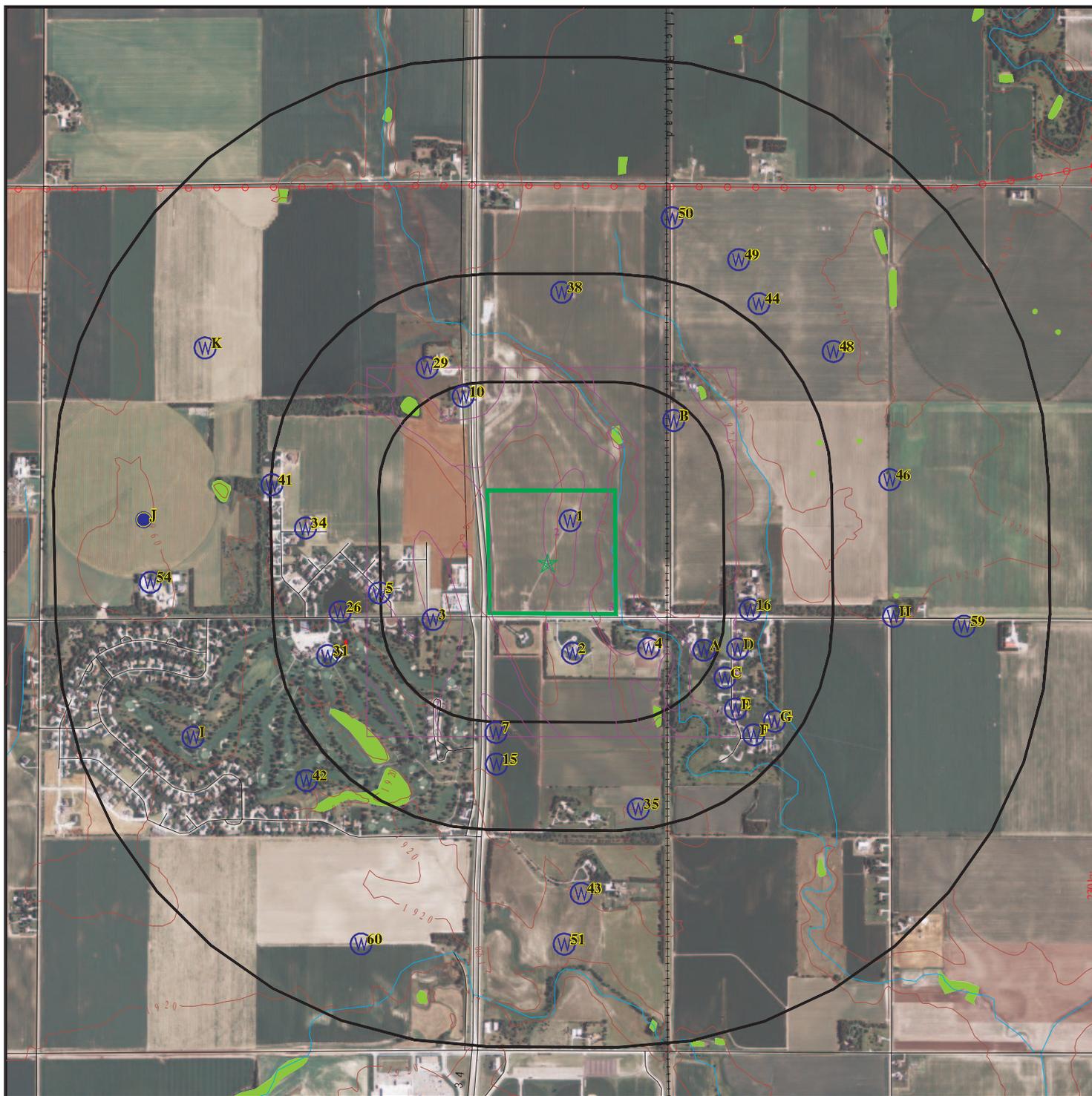
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOCHLAND COUNTRY C Facility Status: NFA	HWY 281 N OF CITY	WSW 1/4 - 1/2 (0.363 mi.)	1	7

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 37 records.

<u>Site Name</u>	<u>Database(s)</u>
NEBRASKA VAULT CO	FINDS,AIRS (AFS)
ADAMS CENTRAL JR-SR HIGH SCHL	FTTS,HIST FTTS
AURORA COOP	SPILLS,LAST
	SPILLS,LAST
WPL-NEBRASKA CITY	LUST,LAST,SPILLS
PHILLIPS INDUSTRIES INC	HWS,AIRS
BLAINE NAVAL AMMUNITION DEPOT	HWS,NPDES,AIRS
W HIGHWAY 6 & HIGHWAY 281 SITE	HWS
BESSEY RANGER DISTRICT	HWS
HASTINGS LANDFILL SOUTH	HWS,NPDES
FLEMING MANUFACTURING CO INC	FINDS,HWS
HASTINGS FERAL CT SITE	HWS
HASTINGS WELL NO 3 SUBSITE	FINDS,NPDES,HWS
SOUTH BURLINGTON AVE GWC AREA	HWS
HASTINGS LANDFILL NORTH	HWS
SOUTH BURLINGTON AVE GWC AREA	CERCLIS
CLAY COUNTY WATERFOWL PRODUCTION A	CERCLIS,FINDS
ARMY GUARD WET	CERCLIS,FINDS
T-L IRRIGATION CO	CERCLIS-NFRAP
MIDSTATE INDUSTRIAL CO	CERCLIS-NFRAP
M & P LAND COMPANY	CERCLIS-NFRAP
SAMEULSON EQUIPMEN	RCRA-SQG,FINDS,LUST
ADAMS CENTRAL JR SR HIGH SCHOOL	UST
HASTINGS MOTOR TRUCK CO	UST
HASTINGS MOTOR TRUCK CO	UST
LCL TRUCK EQUIP INC	UST
NEBRASKA DEPT OF ROADS	UST
T L IRRIGATION CO/HASTINGS IND PAR	UST
SAMUELSON EQUIP CO	UST
LAIRD MOTORS INC	UST
MORRISON QUIRK FARM #8	UST
GARVEY ELEVATORS INC	UST
FAIRBANKS INTERNATIONAL	FINDS,RCRA-NLR
JERRY SPADY PONTIAC CADILLAC	FINDS,RCRA-CESQG,MANIFEST
CONSUMERS SERVICE COMPANY INCORPOR	FINDS,RCRA-CESQG,SSTS
NEBRASKA VAULT CO	AIRS
NEBRASKA ALUMINUM CASTINGS INC	AIRS,NPDES

# OVERVIEW MAP - 3608512.2s



 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

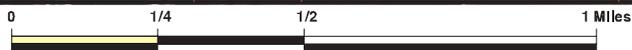
 Indian Reservations BIA

 Power transmission lines

 Oil & Gas pipelines from USGS

 National Wetland Inventory

 State Wetlands

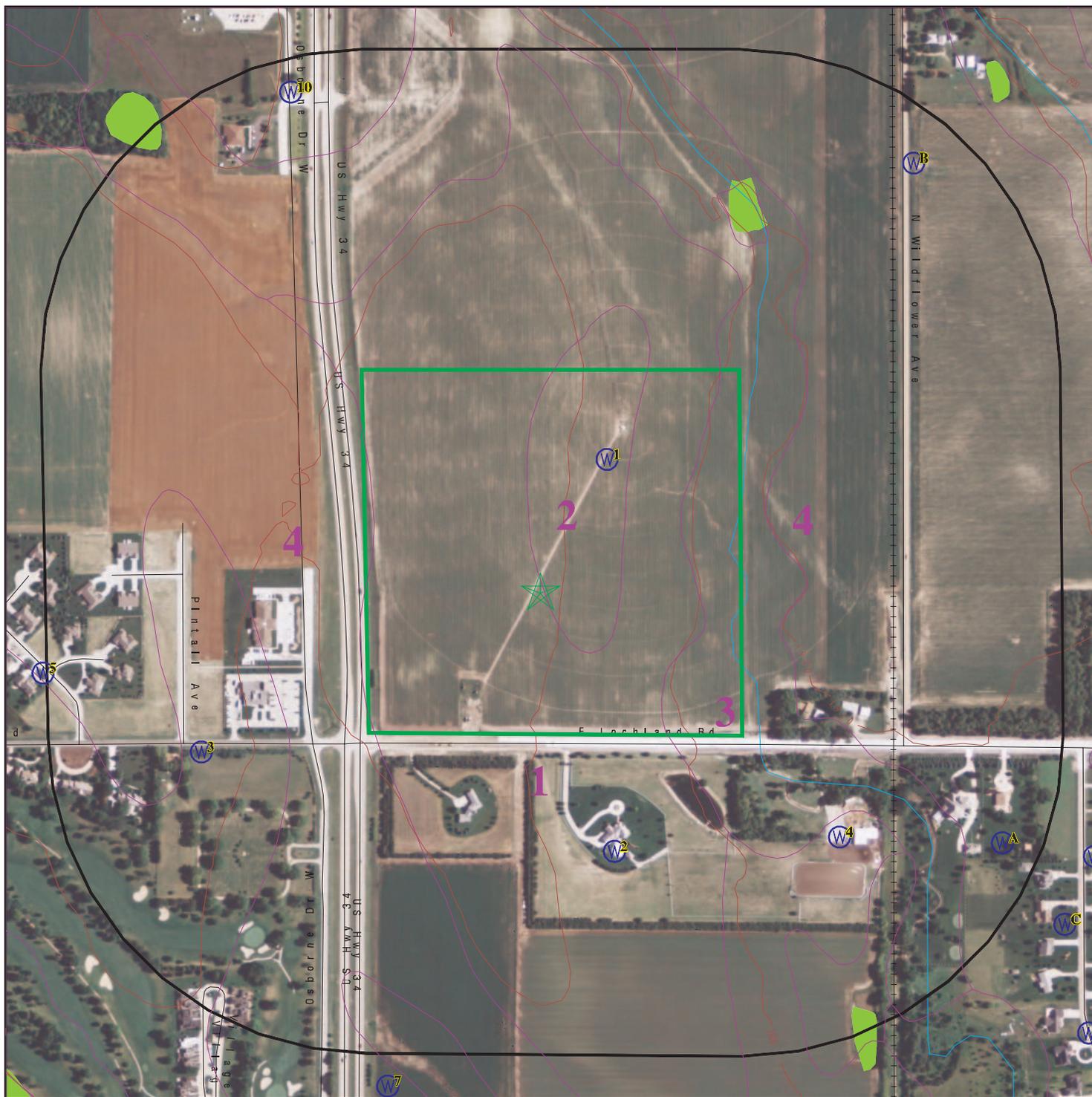


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Central Nebraska Replacement Veterans Home  
 ADDRESS: NE Corner of US HWY 281 & Loachland Rd  
 Hastings NE 68901  
 LAT/LONG: 40.6424 / 98.3791

CLIENT: GSI Engineering, LLC  
 CONTACT: Carrie Thomas  
 INQUIRY #: 3608512.2s  
 DATE: May 16, 2013 11:29 am

# DETAIL MAP - 3608512.2s



-  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
-  Oil & Gas pipelines from USGS
-  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: Central Nebraska Replacement Veterans Home  
 ADDRESS: NE Corner of US HWY 281 & Loachland Rd  
 Hastings NE 68901  
 LAT/LONG: 40.6424 / 98.3791

CLIENT: GSI Engineering, LLC  
 CONTACT: Carrie Thomas  
 INQUIRY #: 3608512.2s  
 DATE: May 16, 2013 11:32 am

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	1	NR	NR	1
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
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
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
HIST UST	0.250		0	0	NR	NR	NR	0
HIST AST	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
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
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	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
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	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

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
WSW  
1/4-1/2  
0.363 mi.  
1915 ft.

LOCHLAND COUNTRY C  
HWY 281 N OF CITY  
HASTINGS, NE

LUST S102420290  
N/A

Relative:  
Lower

LUST:

Facility Status: No Further Action  
Incident Type: LUST  
File Number: 071996-NM-1000  
Owner/RP: LOCHLAND COUNTRY C  
Line Num: 64  
SFM Num: 7557

Actual:  
1929 ft.

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HASTINGS	1000198118	FAIRBANKS INTERNATIONAL	W HWY 6 2 MARION RD	68901	FINDS,RCRA-NLR
HASTINGS	1000440066	ARMY GUARD WET	4 MI E HWY 6 1 MI S OF	68901	CERCLIS,FINDS
HASTINGS	1000471409	SAMEULSON EQUIPMEN	WEST HWY 6		RCRA-SQG,FINDS,LUST
HASTINGS	1000481441	CLAY COUNTY WATERFOWL PRODUCTION A	S HWY 6 10 MI E OF	68901	CERCLIS,FINDS
HASTINGS	1000869542	JERRY SPADY PONTIAC CADILLAC	2750 HIGHWAY 280 NORTH	68901	FINDS,RCRA-CESQG,MANIFEST
HASTINGS	1003876948	T-L IRRIGATION CO	S 1/2 SEC 15 7 8	68901	CERCLIS-NFRAP
HASTINGS	1003877001	MIDSTATE INDUSTRIAL CO	HWY 6	68901	CERCLIS-NFRAP
HASTINGS	1003877002	M & P LAND COMPANY	HWY 6	68901	CERCLIS-NFRAP
HASTINGS	1004555891	CONSUMERS SERVICE COMPANY INCORPOR	HIGHWAY 6 & ROUTE 2	68901	FINDS,RCRA-CESQG,SSTS
HASTINGS	1005619434	NEBRASKA VAULT CO	326 ROAD 3168	68901	FINDS,AIRS (AFS)
HASTINGS	1005863727	FLEMING MANUFACTURING CO INC	HASTINGS IND PARK E BLDG 146	68901	FINDS,HWS
HASTINGS	1007154304	HASTINGS WELL NO 3 SUBSITE	JCT A ST & LINCOLN AVE	68901	FINDS,NPDES,HWS
HASTINGS	1009508924	ADAMS CENTRAL JR-SR HIGH SCHL	RR 1 HWY 6	68901	FTTS,HIST FTTS
HASTINGS	1014202262	SOUTH BURLINGTON AVE GWC AREA	BETWEEN 920 AND 1016 S BURLING	68901	CERCLIS
NEBRASKA CITY	S104737291	WPL-NEBRASKA CITY	5 MI NO OF N CITY		LUST,LAST,SPILLS
HASTINGS	S105238130		2.5 MI EAST ON HWY		SPILLS,LAST
HASTINGS	S106723471	HASTINGS LANDFILL NORTH	E SOUTH ST	68901	HWS
HASTINGS	S106723472	HASTINGS LANDFILL SOUTH		68901	HWS,NPDES
HASTINGS	S107687572	BLAINE NAVAL AMMUNITION DEPOT	HIGHWAY 6 E	68901	HWS,NPDES,AIRS
HASTINGS	S107688676	NEBRASKA ALUMINUM CASTINGS INC	4280 E HADCO RD	68901	AIRS,NPDES
HASTINGS	S107847949	PHILLIPS INDUSTRIES INC	362 ROAD 3167	68901	HWS,AIRS
HASTINGS	S108785266	BESSEY RANGER DISTRICT	HIGHWAY 6 E	68901	HWS
HASTINGS	S108785284	W HIGHWAY 6 & HIGHWAY 281 SITE	HIGHWAY 6 W	68901	HWS
HASTINGS	S108917825	HASTINGS FERAL CT SITE	JCT E 7TH ST & SHOWBOAT BLVD	68901	HWS
HASTINGS	S110133543	AURORA COOP	HWY 6 EAST 1 1/2 M		SPILLS,LAST
HASTINGS	S110364045	SOUTH BURLINGTON AVE GWC AREA	JCT S BURLINGTON AVE & H ST	68901	HWS
HASTINGS	S112185336	NEBRASKA VAULT CO	326 ROAD 3168	68901	AIRS
HASTINGS	U004053976	ADAMS CENTRAL JR SR HIGH SCHOOL	HWY 6	68901	UST
HASTINGS	U004056054	GARVEY ELEVATORS INC	W HWY 6	68901	UST
HASTINGS	U004056400	HASTINGS MOTOR TRUCK CO	HWY 6 & BURLINGTON AVE	68901	UST
HASTINGS	U004056401	HASTINGS MOTOR TRUCK CO	HWY 6 & BURLINGTON AVE	68901	UST
HASTINGS	U004057103	LAIRD MOTORS INC	W HWY 6 & 281	68901	UST
HASTINGS	U004057176	LCL TRUCK EQUIP INC	HWY 6 & WABASH	68901	UST
HASTINGS	U004057723	MORRISON QUIRK FARM #8	E HWY 6	68901	UST
HASTINGS	U004057838	NEBRASKA DEPT OF ROADS	5 MI E HASTINGS S SIDE HWY 6	68901	UST
HASTINGS	U004058843	SAMUELSON EQUIP CO	W HWY 6	68901	UST
HASTINGS	U004059282	T L IRRIGATION CO/HASTINGS IND PAR	E HWY 6	68901	UST

# 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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

### 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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 04/10/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 6

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 05/02/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 05/02/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 05/02/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Quarterly

### **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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 05/02/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 05/02/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### 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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

### 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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/18/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/03/2013
	Data Release Frequency: Varies

## ***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: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

## ***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: 03/06/2013	Source: Dept. of Environmental Quality
Date Data Arrived at EDR: 03/13/2013	Telephone: 402-471-3557
Date Made Active in Reports: 04/08/2013	Last EDR Contact: 03/13/2013
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 01/26/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/30/2013	Telephone: 402-471-4210
Date Made Active in Reports: 04/08/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 68	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Semi-Annually

## ***State and tribal leaking storage tank lists***

### 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: 04/01/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/17/2013	Telephone: 402-471-3557
Date Made Active in Reports: 05/15/2013	Last EDR Contact: 04/17/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Quarterly

### LAST: Leaking Aboveground Storage Tank Sites

Releases from an aboveground storage tank system.

Date of Government Version: 04/01/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/17/2013	Telephone: 402-471-3557
Date Made Active in Reports: 05/15/2013	Last EDR Contact: 04/17/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/12/2013
	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: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

### 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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/28/2012	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 05/01/2013
Number of Days to Update: 162	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

## 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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/12/2013
	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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

### **State and tribal registered storage tank lists**

#### 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: 10/19/2012	Source: Nebraska State Fire Marshal
Date Data Arrived at EDR: 11/07/2012	Telephone: 402-471-9664
Date Made Active in Reports: 12/10/2012	Last EDR Contact: 05/09/2013
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/19/2013
	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: 03/07/2013	Source: State Fire Marshal
Date Data Arrived at EDR: 03/08/2013	Telephone: 402-471-9465
Date Made Active in Reports: 04/08/2013	Last EDR Contact: 03/04/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/17/2013
	Data Release Frequency: Semi-Annually

# 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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

## 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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

## 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: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

## 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: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

## 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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 08/12/2013
	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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

## 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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/18/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Varies

### ***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: 04/01/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/25/2012	Telephone: 402-471-2214
Date Made Active in Reports: 07/20/2012	Last EDR Contact: 03/26/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Varies

### ***State and tribal voluntary cleanup sites***

#### 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

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/2012  
Date Data Arrived at EDR: 10/02/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 14

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 04/05/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 04/01/2012  
Date Data Arrived at EDR: 06/25/2012  
Date Made Active in Reports: 07/20/2012  
Number of Days to Update: 25

Source: Department of Environmental Quality  
Telephone: 402-471-2186  
Last EDR Contact: 03/26/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: Varies

## State and tribal Brownfields sites

### BROWNFIELDS: Potential Brownfields Inventory Listing

"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: 06/25/2012  
Date Data Arrived at EDR: 07/05/2012  
Date Made Active in Reports: 07/20/2012  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 402-471-2186  
Last EDR Contact: 03/25/2013  
Next Scheduled EDR Contact: 07/08/2013  
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: 12/10/2012  
Date Data Arrived at EDR: 12/11/2012  
Date Made Active in Reports: 12/20/2012  
Number of Days to Update: 9

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/26/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

# 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: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: No Update Planned

## SWRCY: Recycling Resource Directory

A listing of recycling facilities.

Date of Government Version: 01/29/2013  
Date Data Arrived at EDR: 01/31/2013  
Date Made Active in Reports: 04/08/2013  
Number of Days to Update: 67

Source: Department of Environmental Quality  
Telephone: 402-471-6974  
Last EDR Contact: 05/06/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: Varies

## 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: 05/03/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### 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: 03/04/2013  
Date Data Arrived at EDR: 03/12/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 59

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/04/2013  
Next Scheduled EDR Contact: 06/17/2013  
Data Release Frequency: Quarterly

### US HIST CDL: National Clandestine Laboratory Register

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

## **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: 02/06/2013  
Date Data Arrived at EDR: 04/25/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Varies

## **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: 12/31/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 55

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 04/02/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Annually

### **SPILLS: Surface Spill List**

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

Date of Government Version: 04/01/2013  
Date Data Arrived at EDR: 04/17/2013  
Date Made Active in Reports: 05/15/2013  
Number of Days to Update: 28

Source: Department of Environmental Quality  
Telephone: 402-471-2186  
Last EDR Contact: 04/17/2013  
Next Scheduled EDR Contact: 07/29/2013  
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

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: 02/12/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/15/2013	Telephone: 913-551-7003
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/07/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/19/2013
	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: 04/19/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Semi-Annually

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 03/11/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Varies

## 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: 12/31/2011  
Date Data Arrived at EDR: 01/15/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/01/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Varies

## 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: 12/18/2012  
Date Data Arrived at EDR: 03/13/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/13/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Annually

## 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.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/25/2013  
Next Scheduled EDR Contact: 06/10/2013  
Data Release Frequency: Varies

## 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.

Date of Government Version: 02/05/2013  
Date Data Arrived at EDR: 04/18/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/06/2013  
Next Scheduled EDR Contact: 06/17/2013  
Data Release Frequency: Semi-Annually

## 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: 12/31/2009  
Date Data Arrived at EDR: 09/01/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 131

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/26/2013  
Next Scheduled EDR Contact: 06/10/2013  
Data Release Frequency: Annually

## 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: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/28/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: Every 4 Years

**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: 02/25/2013  
Next Scheduled EDR Contact: 06/10/2013  
Data Release Frequency: Quarterly

**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: 02/25/2013  
Next Scheduled EDR Contact: 06/10/2013  
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.

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

**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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
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: 07/20/2011  
Date Data Arrived at EDR: 11/10/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 04/15/2013  
Next Scheduled EDR Contact: 07/29/2013  
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: 11/01/2012  
Date Data Arrived at EDR: 01/16/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 114

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: Annually

## 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.

Date of Government Version: 06/21/2011  
Date Data Arrived at EDR: 07/15/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 60

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 03/11/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Quarterly

## 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: 04/09/2013  
Date Data Arrived at EDR: 04/11/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 29

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 04/11/2013  
Next Scheduled EDR Contact: 07/22/2013  
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: 10/23/2011  
Date Data Arrived at EDR: 12/13/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 79

Source: EPA  
Telephone: (913) 551-7003  
Last EDR Contact: 03/12/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## 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: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/12/2013
	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: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 02/26/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Biennially

## 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: 02/06/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/15/2013	Telephone: 402-471-2186
Date Made Active in Reports: 04/08/2013	Last EDR Contact: 05/06/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Nebraska.

Date of Government Version: 01/17/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/24/2006	Telephone: 402-471-3557
Date Made Active in Reports: 03/02/2006	Last EDR Contact: 03/25/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NPDES: Wastewater Database Listing

A listing of permitted wastewater facilities.

Date of Government Version: 04/11/2013  
Date Data Arrived at EDR: 04/17/2013  
Date Made Active in Reports: 05/15/2013  
Number of Days to Update: 28

Source: Department of Environmental Quality  
Telephone: 402-471-3557  
Last EDR Contact: 04/10/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Quarterly

## AIRS: Air State Program List

A listing of air program facilities.

Date of Government Version: 04/11/2013  
Date Data Arrived at EDR: 04/17/2013  
Date Made Active in Reports: 05/15/2013  
Number of Days to Update: 28

Source: Department of Environmental Quality  
Telephone: 402-471-3389  
Last EDR Contact: 04/10/2013  
Next Scheduled EDR Contact: 07/08/2013  
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: 11/27/2006  
Date Data Arrived at EDR: 12/28/2006  
Date Made Active in Reports: 01/05/2007  
Number of Days to Update: 8

Source: Department of Environmental Quality  
Telephone: 402-471-3557  
Last EDR Contact: 03/15/2013  
Next Scheduled EDR Contact: 06/25/2012  
Data Release Frequency: Varies

## 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: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: Semi-Annually

## 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: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/06/2013  
Next Scheduled EDR Contact: 08/05/2013  
Data Release Frequency: Varies

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 69

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 04/04/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Quarterly

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/2013  
Date Data Arrived at EDR: 01/30/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 04/01/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: 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.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: N/A

## 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: 12/31/2012  
Date Data Arrived at EDR: 02/18/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 05/10/2013  
Next Scheduled EDR Contact: 08/26/2013  
Data Release Frequency: Quarterly

## 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: 03/04/2013  
Date Data Arrived at EDR: 03/15/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 56

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 02/19/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Quarterly

## PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 05/03/2013  
Next Scheduled EDR Contact: 08/12/2013  
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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/18/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/29/2013
	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: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/15/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

### 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: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 02/15/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/27/2013
	Data Release Frequency: Varies

### Financial Assurance: Financial Assurance Information Listing

Financial assurance information for solid and hazardous waste sites.

Date of Government Version: 12/26/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/28/2012	Telephone: 402-471-2186
Date Made Active in Reports: 01/31/2013	Last EDR Contact: 03/25/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Quarterly

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/08/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 US Hist Auto Stat: EDR Exclusive Historic Gas 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 US Hist Cleaners: EDR Exclusive Historic Dry 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 US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	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: 02/18/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/18/2013	Telephone: 860-424-3375
Date Made Active in Reports: 03/21/2013	Last EDR Contact: 02/18/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/03/2013
	Data Release Frequency: Annually

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: 02/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/07/2013	Telephone: 518-402-8651
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 09/27/2012	Last EDR Contact: 03/18/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.  
Telephone: (281) 769-2247  
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

## State Wetlands Data: National Wetlands Inventory

Source: Department of Natural Resources

Telephone: 402-471-2363

## Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

CENTRAL NEBRASKA REPLACEMENT VETERANS HOME  
NE CORNER OF US HWY 281 & LOACHLAND RD  
HASTINGS, NE 68901

### TARGET PROPERTY COORDINATES

Latitude (North):	40.6424 - 40° 38' 32.64"
Longitude (West):	98.3791 - 98° 22' 44.76"
Universal Transverse Mercator:	Zone 14
UTM X (Meters):	552501.4
UTM Y (Meters):	4499035.5
Elevation:	1943 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	40098-F4 HASTINGS NW, NE
Most Recent Revision:	1974
East Map:	40098-F3 TRUMBULL, NE
Most Recent Revision:	1969

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 principal 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).

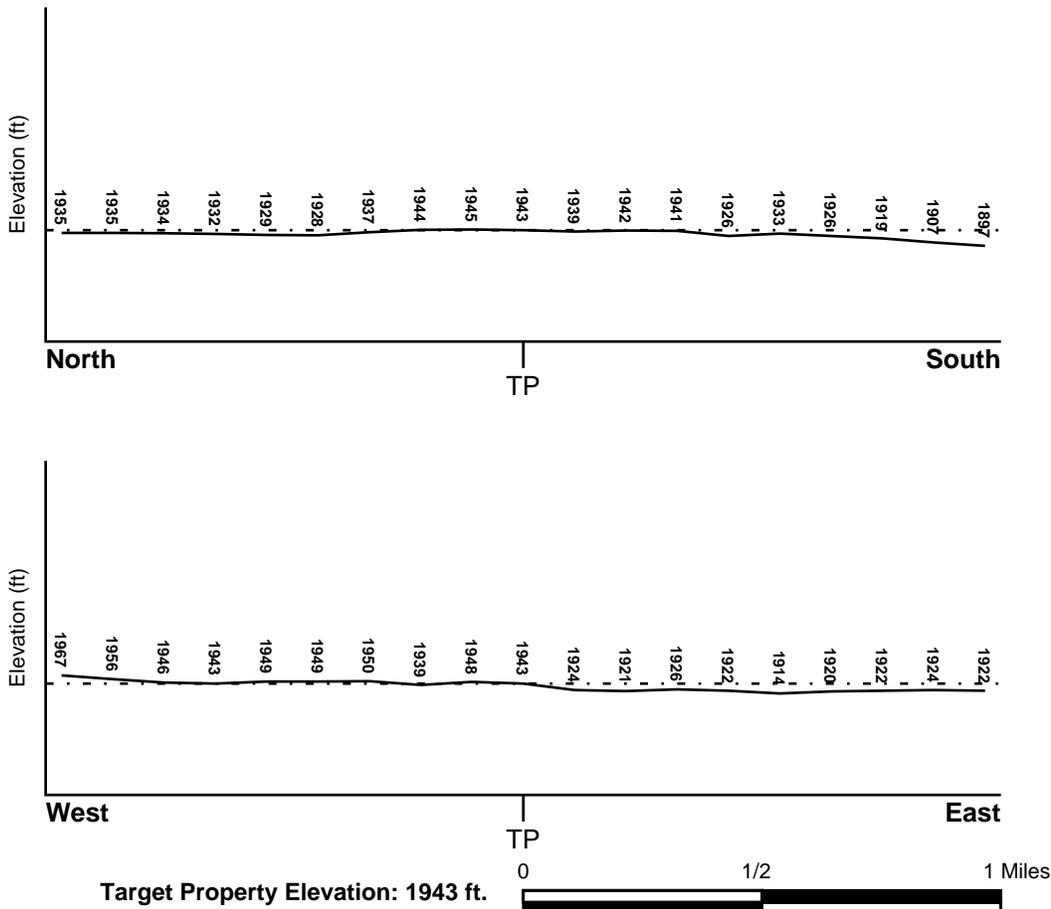
## TOPOGRAPHIC INFORMATION

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>Target Property County</u> ADAMS, NE	<u>FEMA Flood Electronic Data</u> Not Available
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Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> HASTINGS NW	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## 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**

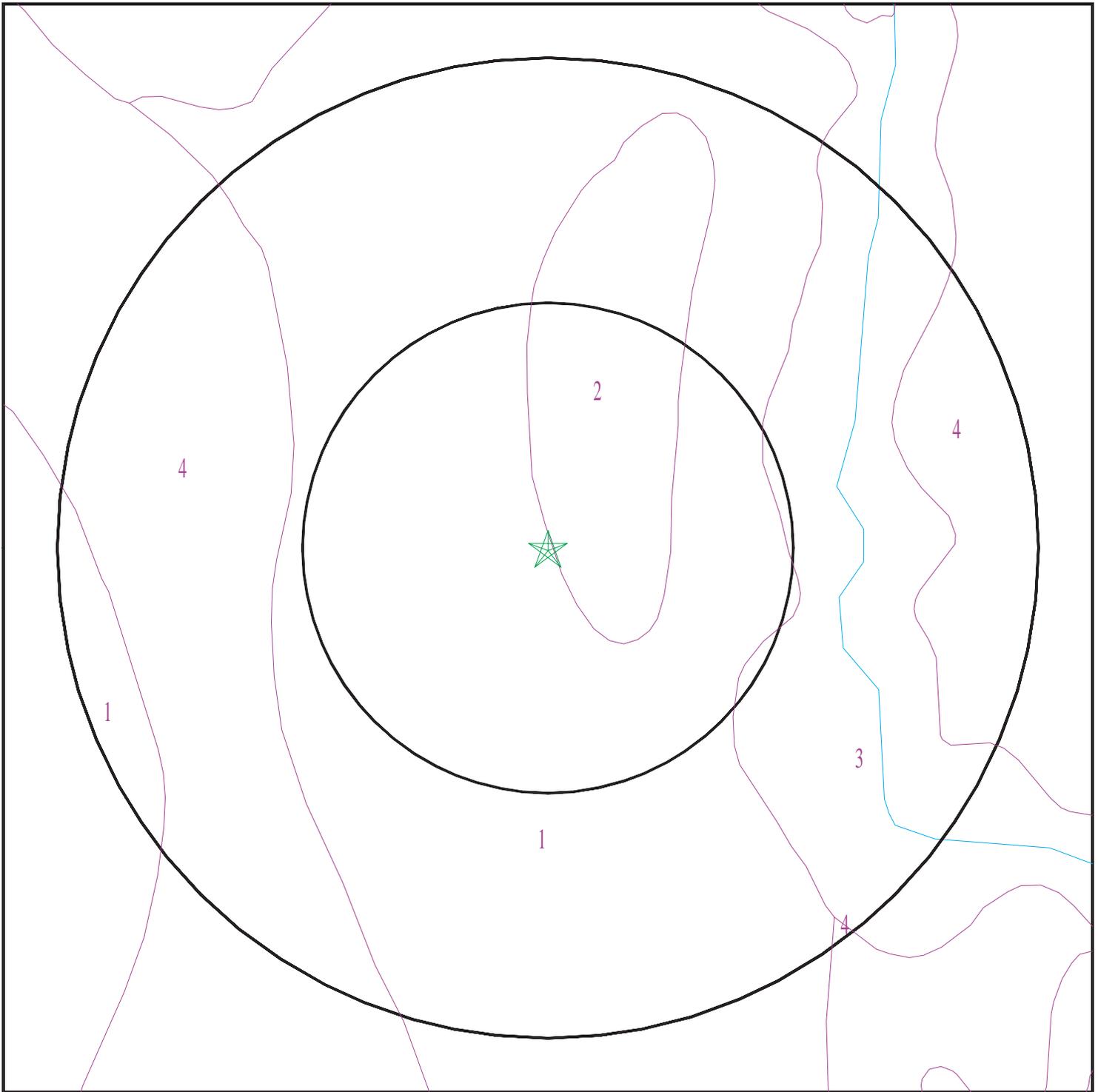
Era: Mesozoic  
System: Cretaceous  
Series: Austin and Eagle Ford Groups  
Code: uK2 (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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 - 3608512.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Central Nebraska Replacement Veterans Home  
ADDRESS: NE Corner of US HWY 281 & Loachland Rd  
Hastings NE 68901  
LAT/LONG: 40.6424 / 98.3791

CLIENT: GSI Engineering, LLC  
CONTACT: Carrie Thomas  
INQUIRY #: 3608512.2s  
DATE: May 16, 2013 11:33 am

# 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: Holder

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6
2	7 inches	29 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6
3	29 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6

### Soil Map ID: 2

Soil Component Name: Holder

Soil Surface Texture: silt 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: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6
2	7 inches	20 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6
3	20 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6

### Soil Map ID: 3

Soil Component Name: Hobbs

Soil Surface Texture: stratified fine sandy loam to silt loam to silty 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	7 inches	stratified fine sandy loam to silt loam to silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6

## 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		
2	7 inches	33 inches	stratified fine sandy loam to silt loam to silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6
3	33 inches	79 inches	stratified silt loam to silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6

### Soil Map ID: 4

Soil Component Name: Hastings

Soil Surface Texture: silt 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	11 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.8 Min: 6.1
2	11 inches	40 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.8 Min: 6.1
3	40 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.8 Min: 6.1

# 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>
J58	USGS40000731133	1/2 - 1 Mile West

## 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

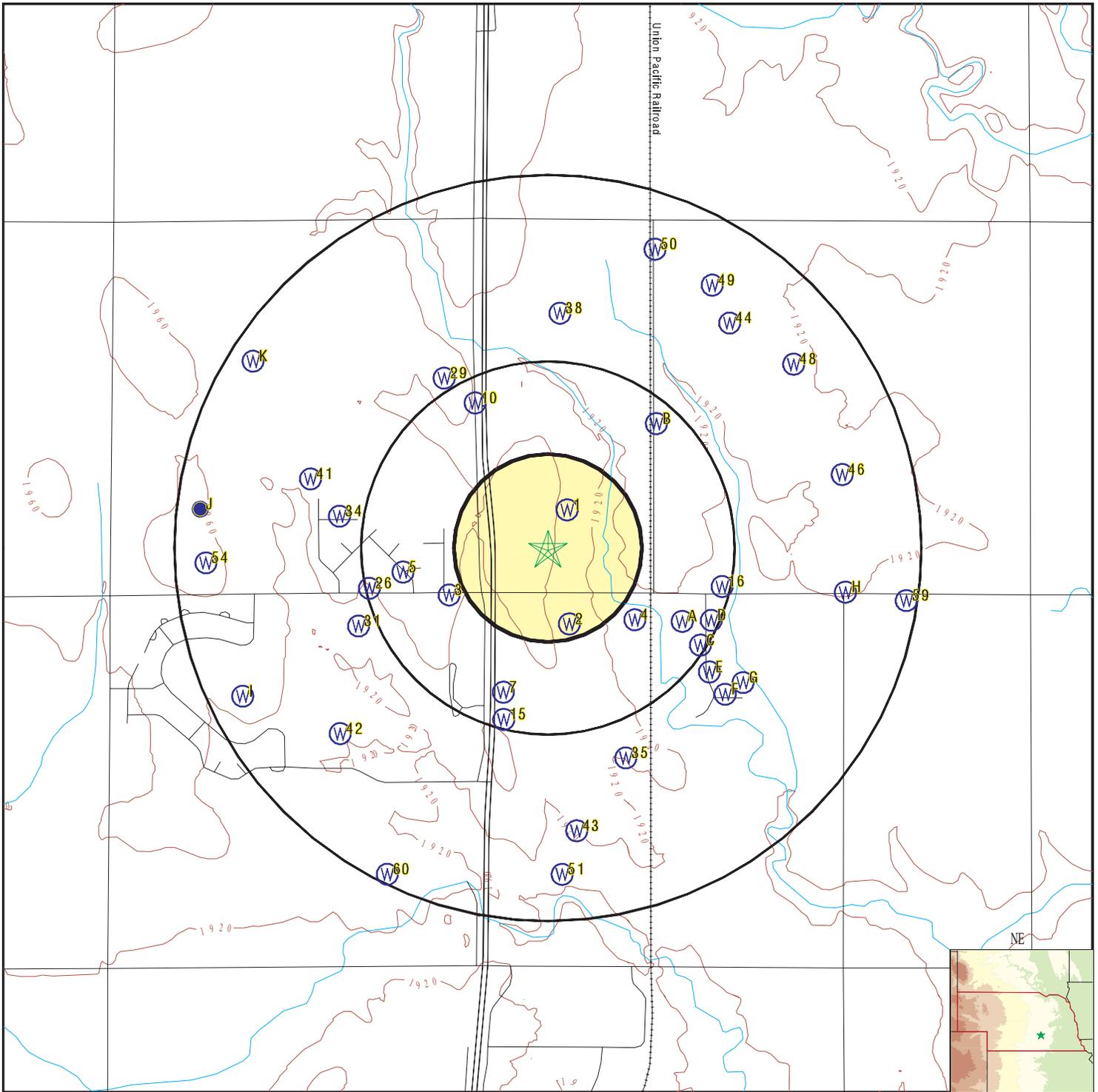
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NE5000000039687	0 - 1/8 Mile NNE
2	NE5000000039289	1/8 - 1/4 Mile SSE
3	NE5000000039397	1/4 - 1/2 Mile WSW
4	NE5000000039305	1/4 - 1/2 Mile SE
5	NE5000000039469	1/4 - 1/2 Mile West
A6	NE5000000039322	1/4 - 1/2 Mile ESE
7	NE5000000039031	1/4 - 1/2 Mile SSW
A8	NE5000000039271	1/4 - 1/2 Mile ESE
A9	NE5000000039303	1/4 - 1/2 Mile ESE
10	NE5000000040053	1/4 - 1/2 Mile NNW
B11	NE5000000039985	1/4 - 1/2 Mile NE
B12	NE5000000039982	1/4 - 1/2 Mile NE
C13	NE5000000039232	1/4 - 1/2 Mile SE
D14	NE5000000039321	1/4 - 1/2 Mile ESE
15	NE5000000038900	1/4 - 1/2 Mile SSW
16	NE5000000039428	1/4 - 1/2 Mile ESE
D17	NE5000000039286	1/4 - 1/2 Mile ESE
C18	NE5000000039208	1/4 - 1/2 Mile ESE
C19	NE5000000039211	1/4 - 1/2 Mile ESE
C20	NE5000000039197	1/4 - 1/2 Mile SE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

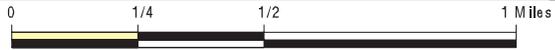
MAP ID	WELL ID	LOCATION FROM TP
C21	NE5000000039268	1/4 - 1/2 Mile ESE
C22	NE5000000039231	1/4 - 1/2 Mile ESE
C23	NE5000000039262	1/4 - 1/2 Mile ESE
D24	NE5000000039300	1/4 - 1/2 Mile ESE
C25	NE5000000039162	1/4 - 1/2 Mile SE
26	NE5000000039423	1/4 - 1/2 Mile WSW
C27	NE5000000039234	1/2 - 1 Mile ESE
C28	NE5000000039183	1/2 - 1 Mile ESE
29	NE5000000040104	1/2 - 1 Mile NNW
E30	NE5000000039154	1/2 - 1 Mile SE
31	NE5000000039283	1/2 - 1 Mile WSW
E32	NE5000000039110	1/2 - 1 Mile SE
E33	NE5000000039131	1/2 - 1 Mile SE
34	NE5000000039649	1/2 - 1 Mile West
35	NE5000000038800	1/2 - 1 Mile SSE
F36	NE5000000038967	1/2 - 1 Mile SE
G37	NE5000000039127	1/2 - 1 Mile SE
38	NE5000000040350	1/2 - 1 Mile North
F39	NE5000000039078	1/2 - 1 Mile SE
G40	NE5000000039062	1/2 - 1 Mile SE
41	NE5000000039823	1/2 - 1 Mile WNW
42	NE5000000038874	1/2 - 1 Mile SW
43	NE5000000038620	1/2 - 1 Mile South
44	NE5000000040279	1/2 - 1 Mile NE
H45	NE5000000039419	1/2 - 1 Mile East
46	NE5000000039839	1/2 - 1 Mile ENE
H47	NE5000000039391	1/2 - 1 Mile East
48	NE5000000040147	1/2 - 1 Mile NE
49	NE5000000040428	1/2 - 1 Mile NNE
50	NE5000000040559	1/2 - 1 Mile NNE
51	NE5000000038451	1/2 - 1 Mile South
I52	NE5000000038995	1/2 - 1 Mile WSW
I53	NE5000000038996	1/2 - 1 Mile WSW
54	NE5000000039497	1/2 - 1 Mile West
J55	NE5000000039765	1/2 - 1 Mile West
K56	NE5000000040156	1/2 - 1 Mile WNW
K57	NE5000000040157	1/2 - 1 Mile WNW
59	NE5000000039368	1/2 - 1 Mile East
60	NE5000000038453	1/2 - 1 Mile SSW

# PHYSICAL SETTING SOURCE MAP - 3608512.2s



- 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



SITE NAME: Central Nebraska Replacement Veterans Home  
 ADDRESS: NE Corner of US HWY 281 & Loachland Rd  
 Hastings NE 68901  
 LAT/LONG: 40.6424 / 98.3791

CLIENT: GSI Engineering, LLC  
 CONTACT: Carrie Thomas  
 INQUIRY #: 3608512.2s  
 DATE: May 16, 2013 11:32 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**NNE**  
**0 - 1/8 Mile**  
**Lower**

**NE WELLS      NE5000000039687**

Oid :	0	Wellid:	103030
Regnum:	G-090816	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	19
Subsection:	DD	Footage:	1200N 1200W
Areapermit:	UBB-1-2136		
Acres:	110		
Gpm:	500	Pcoldiam:	8
Pdepth:	140	Totaldepth:	150
Stwaterlev:	101	Pwaterlev:	125
Wedrilic:	39196	Ownernumbe:	46946
Compname:	Gottsch Enterprises		
Citystzip:	Hastings, NE 68902		
Address1:	1831 East South Street Box 1128		
Address2:	Not Reported		
Fildate:	03/07/1997	Cmpldmonth:	12
Cmpldday:	3	Cmpldyear:	1996
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.643881		
Longdd:	-98.378113		
Calcgps:	-1	Site id:	NE5000000039687

**2**  
**SSE**  
**1/8 - 1/4 Mile**  
**Lower**

**NE WELLS      NE5000000039289**

Oid :	0	Wellid:	110653
Regnum:	G-094698	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	Not Reported	Footage:	413S 1155E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	45	Pcoldiam:	2
Pdepth:	120	Totaldepth:	136
Stwaterlev:	105	Pwaterlev:	107
Wedrilic:	39131	Ownernumbe:	50387
Compname:	Great Plains Chrysler Plymouth Dodge Inc		
Citystzip:	Hastings, NE 68901		
Address1:	2800 North Highway 281 PO Box 1125		
Address2:	Not Reported		
Fildate:	02/09/1998	Cmpldmonth:	7
Cmpldday:	18	Cmpldyear:	1997
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.639449		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.378003  
 Calcgps: -1  
 Site id: NE5000000039289

**3**  
**WSW**  
**1/4 - 1/2 Mile**  
**Higher**

**NE WELLS NE5000000039397**

Oid :	0	Wellid:	25648
Regnum:	G-019512	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	25
Subsection:	AA	Footage:	30S 550W
Areapermit:	Not Reported		
Acres:	20		
Gpm:	350	Pcoldiam:	4
Pdepth:	0	Totaldepth:	157
Stwaterlev:	92	Pwaterlev:	101
Wedrilic:	0	Ownernumbe:	32843
Compname:	Sunset Memorial Gardens		
Citystzip:	Hastings, NE 68901		
Address1:	RR		
Address2:	Not Reported		
Fildate:	01/16/1959	Cmpldmonth:	3
Cmpldday:	24	Cmpldyear:	1954
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.640573		
Longdd:	-98.384128		
Calcgps:	-1	Site id:	NE5000000039397

**4**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039305**

Oid :	0	Wellid:	111940
Regnum:	G-095701	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	AA	Footage:	330S 248W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	115	Totaldepth:	134
Stwaterlev:	94	Pwaterlev:	95
Wedrilic:	39131	Ownernumbe:	50387
Compname:	Great Plains Chrysler Plymouth Dodge Inc		
Citystzip:	Hastings, NE 68901		
Address1:	2800 North Highway 281 PO Box 1125		
Address2:	Not Reported		
Fildate:	04/22/1998	Cmpldmonth:	3
Cmpldday:	2	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.639611		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.374665  
 Calcgps: -1  
 Site id: NE5000000039305

**5  
West  
1/4 - 1/2 Mile  
Higher**

**NE WELLS NE5000000039469**

Oid :	0	Wellid:	151592
Regnum:	G-123053	Replacemen:	0
Status:	Active	Useid:	Ground Heat Exchanger
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	DD	Footage:	300N 1200W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	200
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39131	Ownernumbe:	64427
Compname:	James Miller MD		
Citystzip:	Hastings, NE 68901		
Address1:	1402 W 2 Street		
Address2:	Not Reported		
Fildate:	08/26/2003	Cmpldmonth:	7
Cmpldday:	24	Cmpldyear:	2003
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.641465		
Longdd:	-98.386477		
Calcgps:	-1	Site id:	NE5000000039469

**A6  
ESE  
1/4 - 1/2 Mile  
Lower**

**NE WELLS NE5000000039322**

Oid :	0	Wellid:	112647
Regnum:	G-096179	Replacemen:	0
Status:	Abandoned	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	237S 401E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	38	Pcoldiam:	2
Pdepth:	125	Totaldepth:	150
Stwaterlev:	96	Pwaterlev:	97
Wedrilic:	39131	Ownernumbe:	45122
Compname:	Lyle Fleharty		
Citystzip:	Hastings, NE 68901		
Address1:	709 East Lochland		
Address2:	Not Reported		
Fildate:	05/22/1998	Cmpldmonth:	4
Cmpldday:	14	Cmpldyear:	1998
Lastchgdat:	12/30/1899	Xdate2:	11/2006
Latdd:	40.639845		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.372329      Site id: NE5000000039322  
 Calcgps: -1

**7  
SSW  
1/4 - 1/2 Mile  
Lower**

**NE WELLS      NE5000000039031**

Oid :	0	Wellid:	53051
Regnum:	G-045689	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	AB	Footage:	1405S 2120W
Areapermit:	Not Reported		
Acres:	140		
Gpm:	550	Pcoldiam:	7
Pdepth:	0	Totaldepth:	162
Stwaterlev:	113	Pwaterlev:	150
Wedrilic:	0	Ownernumbe:	22784
Compname:	Morrison Enterprises		
Citystzip:	Hastings, NE 68902		
Address1:	PO Box 609		
Address2:	Not Reported		
Fildate:	07/30/1975	Cmpldmonth:	7
Cmpldday:	28	Cmpldyear:	1975
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.636794		
Longdd:	-98.381364		
Calcgps:	-1	Site id:	NE5000000039031

**A8  
ESE  
1/4 - 1/2 Mile  
Lower**

**NE WELLS      NE5000000039271**

Oid :	0	Wellid:	106966
Regnum:	G-091863	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	470S 370E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	139
Stwaterlev:	96	Pwaterlev:	97
Wedrilic:	39131	Ownernumbe:	26054
Compname:	Charles F Niemeyer		
Citystzip:	Hastings, NE 68901		
Address1:	5645 North 1st Avenue		
Address2:	Not Reported		
Fildate:	06/30/1997	Cmpldmonth:	10
Cmpldday:	11	Cmpldyear:	1996
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.639205		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.372431  
 Calcgps: -1  
 Site id: NE5000000039271

**A9  
 ESE  
 1/4 - 1/2 Mile  
 Lower**

**NE WELLS      NE5000000039303**

Oid :	0	Wellid:	98208
Regnum:	G-086701	Replacemen:	0
Status:	Abandoned	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	330S 495E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	38	Pcoldiam:	2
Pdepth:	125	Totaldepth:	137
Stwaterlev:	95	Pwaterlev:	100
Wedrilic:	39131	Ownernumbe:	45122
Compname:	Lyle Fleharty		
Citystzip:	Hastings, NE 68901		
Address1:	709 East Lochland		
Address2:	Not Reported		
Fildate:	01/12/1996	Cmpldmonth:	10
Cmpldday:	20	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	7/2006
Latdd:	40.639588		
Longdd:	-98.371987		
Calcgps:	-1	Site id:	NE5000000039303

**10  
 NNW  
 1/4 - 1/2 Mile  
 Lower**

**NE WELLS      NE5000000040053**

Oid :	0	Wellid:	172647
Regnum:	G-138463	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	19
Subsection:	AC	Footage:	2600S 2500W
Areapermit:	UBB-1-3640		
Acres:	130		
Gpm:	350	Pcoldiam:	6.61999988555908
Pdepth:	145	Totaldepth:	156
Stwaterlev:	100	Pwaterlev:	130
Wedrilic:	39196	Ownernumbe:	46946
Compname:	Gottsch Enterprises		
Citystzip:	Hastings, NE 68902		
Address1:	1831 East South Street Box 1128		
Address2:	Not Reported		
Fildate:	01/18/2006	Cmpldmonth:	1
Cmpldday:	12	Cmpldyear:	2006
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.648035		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.382803  
 Calcgps: -1  
 Site id: NE5000000040053

**B11**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039985**

Oid :	0	Wellid:	7774
Regnum:	G-003964	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	CB	Footage:	2455N 52E
Areapermit:	Not Reported		
Acres:	157		
Gpm:	850	Pcoldiam:	9
Pdepth:	0	Totaldepth:	145
Stwaterlev:	90	Pwaterlev:	120
Wedrilic:	0	Ownernumbe:	11479
Compname:	Raymond R Grothen		
Citystzip:	Hastings, NE 68901		
Address1:	2340 W 42nd St		
Address2:	Not Reported		
Fildate:	05/20/1957	Cmpldmonth:	8
Cmpldday:	27	Cmpldyear:	1956
Lastchgdat:	12/30/1899	Xdate2:	7/1995
Latdd:	40.64724		
Longdd:	-98.373604		
Calcgps:	-1	Site id:	NE5000000039985

**B12**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039982**

Oid :	0	Wellid:	184282
Regnum:	G-003964	Replacemen:	1
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	CB	Footage:	2448N 72E
Areapermit:	Not Reported		
Acres:	157		
Gpm:	700	Pcoldiam:	6
Pdepth:	140	Totaldepth:	150
Stwaterlev:	90	Pwaterlev:	0
Wedrilic:	39298	Ownernumbe:	11479
Compname:	Raymond R Grothen		
Citystzip:	Hastings, NE 68901		
Address1:	2340 W 42nd St		
Address2:	Not Reported		
Fildate:	04/12/2007	Cmpldmonth:	7
Cmpldday:	9	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6472222222		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.3735277778  
 Calcgps: 0  
 Site id: NE5000000039982

**C13**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS**      **NE5000000039232**

Oid :	0	Wellid:	110045
Regnum:	G-094613	Replacemen:	0
Status:	Abandoned	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	647S 485E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	100	Totaldepth:	145
Stwaterlev:	60	Pwaterlev:	65
Wedrilic:	39168	Ownernumbe:	96449
Compname:	Shari Suzanne Lagueux		
Citystzip:	Hastings, NE 68901		
Address1:	5555 North 1st Avenue		
Address2:	Not Reported		
Fildate:	02/04/1998	Cmpldmonth:	10
Cmpldday:	3	Cmpldyear:	1997
Lastchgdat:	12/30/1899	Xdate2:	10/2009
Latdd:	40.638718		
Longdd:	-98.372009		
Calcgps:	-1	Site id:	NE5000000039232

**D14**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS**      **NE5000000039321**

Oid :	0	Wellid:	100022
Regnum:	G-088100	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	248S 825E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	119	Totaldepth:	134
Stwaterlev:	90	Pwaterlev:	135
Wedrilic:	39131	Ownernumbe:	45961
Compname:	Michael G Skoch		
Citystzip:	Hastings, NE 68902		
Address1:	1021 West 14th		
Address2:	Not Reported		
Fildate:	05/30/1996	Cmpldmonth:	9
Cmpldday:	27	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.63981		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.370801      Site id: NE5000000039321  
 Calcgps: -1

**15  
SSW  
1/4 - 1/2 Mile  
Lower**

**NE WELLS      NE5000000038900**

Oid :	0	Wellid:	53050
Regnum:	G-045688	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	AC	Footage:	1790S 2120W
Areapermit:	Not Reported		
Acres:	140		
Gpm:	725	Pcoldiam:	7
Pdepth:	0	Totaldepth:	156
Stwaterlev:	99	Pwaterlev:	145
Wedrilic:	0	Ownernumbe:	22784
Compname:	Morrison Enterprises		
Citystzip:	Hastings, NE 68902		
Address1:	PO Box 609		
Address2:	Not Reported		
Fildate:	07/30/1975	Cmpldmonth:	7
Cmpldday:	28	Cmpldyear:	1975
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.635737		
Longdd:	-98.381347		
Calcgps:	-1	Site id:	NE5000000038900

**16  
ESE  
1/4 - 1/2 Mile  
Lower**

**NE WELLS      NE5000000039428**

Oid :	0	Wellid:	128889
Regnum:	G-107995	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	CC	Footage:	150N 990E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	12	Pcoldiam:	1
Pdepth:	131	Totaldepth:	171
Stwaterlev:	84	Pwaterlev:	85
Wedrilic:	39131	Ownernumbe:	57140
Compname:	Timothy R Grothen		
Citystzip:	Hastings, NE 68901		
Address1:	925 East Lochland Road		
Address2:	Not Reported		
Fildate:	12/05/2000	Cmpldmonth:	10
Cmpldday:	31	Cmpldyear:	2000
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.640901		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.370217  
 Calcgps: -1  
 Site id: NE5000000039428

**D17**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039286**

Oid :	0	Wellid:	99129
Regnum:	G-087317	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	400S 800E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	133
Stwaterlev:	97	Pwaterlev:	99
Wedrilic:	39131	Ownernumbe:	45521
Compname:	Randy A & Susan M Kissinger		
Citystzip:	Hastings, NE 68901		
Address1:	41 Kingston Drive		
Address2:	Not Reported		
Fildate:	03/14/1996	Cmpldmonth:	10
Cmpldday:	19	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.639393		
Longdd:	-98.370884		
Calcgps:	-1	Site id:	NE5000000039286

**C18**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039208**

Oid :	0	Wellid:	94783
Regnum:	G-084286	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	700S 630E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	140
Stwaterlev:	99	Pwaterlev:	100
Wedrilic:	39131	Ownernumbe:	43622
Compname:	Joel D Kershner		
Citystzip:	Hastings, NE 68901		
Address1:	1021 N St Joe		
Address2:	Not Reported		
Fildate:	03/30/1995	Cmpldmonth:	3
Cmpldday:	2	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.638571		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.371484  
 Calcgps: -1  
 Site id: -1  
 NE5000000039208

**C19**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS**      **NE5000000039211**

Oid :	0	Wellid:	179779
Regnum:	Not Reported	Replacemen:	0
Status:	U	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	686S 60E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	81945
Compname:	Joel Keishner		
Citystzip:	Hastings, NE 68901		
Address1:	5595 North 1st Avenue		
Address2:	Not Reported		
Fildate:	10/17/2006	Cmpldmonth:	0
Cmpldday:	0	Cmpldyear:	0
Lastchgdat:	12/30/1899	Xdate2:	10/2006
Latdd:	40.6386111111		
Longdd:	-98.3714444444		
Calcgps:	0	Site id:	NE5000000039211

**C20**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS**      **NE5000000039197**

Oid :	0	Wellid:	142396
Regnum:	G-117267	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	735S 610E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1.25
Pdepth:	125	Totaldepth:	135
Stwaterlev:	96	Pwaterlev:	100
Wedrilic:	39131	Ownernumbe:	61457
Compname:	Dale Christen		
Citystzip:	Hastings, NE 68901		
Address1:	406 South Bellevue Avenue		
Address2:	Not Reported		
Fildate:	09/05/2002	Cmpldmonth:	7
Cmpldday:	3	Cmpldyear:	2002
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6384722222		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.371555556  
 Calcgps: 0  
 Site id: NE5000000039197

**C21**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039268**

Oid :	0	Wellid:	128043
Regnum:	G-107335	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	495S 770E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	127	Totaldepth:	140
Stwaterlev:	97	Pwaterlev:	142
Wedrilic:	39131	Ownernumbe:	45521
Compname:	Randy A & Susan M Kissinger		
Citystzip:	Hastings, NE 68901		
Address1:	41 Kingston Drive		
Address2:	Not Reported		
Fildate:	10/10/2000	Cmpldmonth:	8
Cmpldday:	16	Cmpldyear:	2000
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.639133		
Longdd:	-98.370988		
Calcgps:	-1	Site id:	NE5000000039268

**C22**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039231**

Oid :	0	Wellid:	8039
Regnum:	G-004200	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	80		
Gpm:	575	Pcoldiam:	7
Pdepth:	0	Totaldepth:	130
Stwaterlev:	85	Pwaterlev:	130
Wedrilic:	0	Ownernumbe:	26054
Compname:	Charles F Niemeyer		
Citystzip:	Hastings, NE 68901		
Address1:	5645 North 1st Avenue		
Address2:	Not Reported		
Fildate:	05/31/1957	Cmpldmonth:	3
Cmpldday:	15	Cmpldyear:	1954
Lastchgdat:	12/30/1899	Xdate2:	4/1997
Latdd:	40.638706		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.37127  
 Calcgps: -1  
 Site id: NE5000000039231

**C23**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039262**

Oid :	0	Wellid:	137660
Regnum:	G-113921	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	555S 760E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1.25
Pdepth:	123	Totaldepth:	134
Stwaterlev:	96	Pwaterlev:	97
Wedrilic:	39131	Ownernumbe:	60095
Compname:	Larry Detter		
Citystzip:	Hastings, NE 68901		
Address1:	1340 Kingsdale Road		
Address2:	Not Reported		
Fildate:	01/11/2002	Cmpldmonth:	10
Cmpldday:	8	Cmpldyear:	2001
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.638968		
Longdd:	-98.371022		
Calcgps:	-1	Site id:	NE5000000039262

**D24**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039300**

Oid :	0	Wellid:	104820
Regnum:	G-091293	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	340S 875E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	137
Stwaterlev:	92	Pwaterlev:	93
Wedrilic:	39131	Ownernumbe:	48335
Compname:	Glen R Hartman		
Citystzip:	Hastings, NE 68901		
Address1:	5680 North 1st Avenue		
Address2:	Not Reported		
Fildate:	05/05/1997	Cmpldmonth:	4
Cmpldday:	1	Cmpldyear:	1997
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.639557		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.370616  
 Calcgps: -1  
 Site id: NE5000000039300

**C25**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039162**

Oid :	0	Wellid:	97118
Regnum:	G-085758	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	900S 540E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	125	Totaldepth:	139
Stwaterlev:	102	Pwaterlev:	103
Wedrilic:	39131	Ownernumbe:	44904
Compname:	Terry & Pamela Chalupa		
Citystzip:	Hastings, NE 68901		
Address1:	5515 North 1st Avenue		
Address2:	Not Reported		
Fildate:	10/06/1995	Cmpldmonth:	8
Cmpldday:	29	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.638023		
Longdd:	-98.3718		
Calcgps:	-1	Site id:	NE5000000039162

**26**  
**WSW**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000039423**

Oid :	0	Wellid:	142265
Regnum:	G-117188	Replacemen:	0
Status:	Active	Useid:	Aquaculture
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	DC	Footage:	72N 1677W
Areapermit:	UBB-1-2802		
Acres:	0		
Gpm:	200	Pcoldiam:	3
Pdepth:	160	Totaldepth:	172
Stwaterlev:	109	Pwaterlev:	127
Wedrilic:	3919406	Ownernumbe:	95854
Compname:	Lochland Meadows Lake Homeowners Assoc Inc		
Citystzip:	Hastings, NE 68901		
Address1:	5906 Mallard Way Avenue		
Address2:	Gary Jerman President		
Fildate:	08/30/2002	Cmpldmonth:	8
Cmpldday:	16	Cmpldyear:	2002
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6408333333		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.3881944444  
 Calcgps: 0  
 Site id: NE5000000039423

**C27**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039234**

Oid :	0	Wellid:	179783
Regnum:	Not Reported	Replacemen:	0
Status:	U	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	643S 810E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	81947
Compname:	Murray Wilson Jr		
Citystzip:	Hastings, NE 68901		
Address1:	5590 North 1st Avenue		
Address2:	Not Reported		
Fildate:	10/17/2006	Cmpldmonth:	0
Cmpldday:	0	Cmpldyear:	0
Lastchgdat:	12/30/1899	Xdate2:	10/2006
Latdd:	40.6387222222		
Longdd:	-98.3708333333		
Calcgps:	0	Site id:	NE5000000039234

**C28**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039183**

Oid :	0	Wellid:	100223
Regnum:	G-088235	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	790S 810E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	133
Stwaterlev:	95	Pwaterlev:	96
Wedrilic:	39131	Ownernumbe:	46025
Compname:	Dennis F Towns		
Citystzip:	Hastings, NE 68901		
Address1:	5540 North 1st Avenue		
Address2:	Not Reported		
Fildate:	06/11/1996	Cmpldmonth:	9
Cmpldday:	28	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.638322		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.370831  
 Calcgps: -1  
 Site id: NE5000000039183

**29  
 NNW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000040104**

Oid :	0	Wellid:	41599
Regnum:	G-034545	Replacemen:	0
Status:	Active	Useid:	Commercial/Industrial
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	AD	Footage:	2240S 600W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	150	Pcoldiam:	5
Pdepth:	0	Totaldepth:	165
Stwaterlev:	108	Pwaterlev:	123
Wedrilic:	0	Ownernumbe:	23335
Compname:	Nebraska Television Corporation		
Citystzip:	Hastings, NE 68901		
Address1:	KHAS TV		
Address2:	Duane Allison		
Fildate:	06/03/1971	Cmpldmonth:	5
Cmpldday:	26	Cmpldyear:	1971
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.649		
Longdd:	-98.384383		
Calcgps:	-1	Site id:	NE5000000040104

**E30  
 SE  
 1/2 - 1 Mile  
 Lower**

**NE WELLS      NE5000000039154**

Oid :	0	Wellid:	104213
Regnum:	G-091051	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	924S 858E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	137
Stwaterlev:	97	Pwaterlev:	98
Wedrilic:	39131	Ownernumbe:	48088
Compname:	James E Schnase		
Citystzip:	Hastings, NE 68901		
Address1:	1585 South Wabash		
Address2:	Not Reported		
Fildate:	04/07/1997	Cmpldmonth:	10
Cmpldday:	30	Cmpldyear:	1996
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.637954		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.370652  
 Calcgps: -1  
 Site id: NE5000000039154

**31**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039283**

Oid :	0	Wellid:	34809
Regnum:	G-028096	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	25
Subsection:	AB	Footage:	460S 1825W
Areapermit:	Not Reported		
Acres:	120		
Gpm:	750	Pcoldiam:	9
Pdepth:	0	Totaldepth:	150
Stwaterlev:	97	Pwaterlev:	143
Wedrilic:	0	Ownernumbe:	13456
Compname:	Highland Realty Inc		
Citystzip:	Hastings, NE 68901		
Address1:	PO Box 1011		
Address2:	Not Reported		
Fildate:	09/25/1967	Cmpldmonth:	9
Cmpldday:	23	Cmpldyear:	1960
Lastchgdat:	12/30/1899	Xdate2:	8/2002
Latdd:	40.639366		
Longdd:	-98.388746		
Calcgps:	-1	Site id:	NE5000000039283

**E32**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039110**

Oid :	0	Wellid:	128661
Regnum:	G-107793	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	1155S 745E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	127	Totaldepth:	140
Stwaterlev:	97	Pwaterlev:	99
Wedrilic:	39131	Ownernumbe:	57078
Compname:	Michael & Rebecca Carey		
Citystzip:	Hastings, NE 68901		
Address1:	5465 North 1st Avenue		
Address2:	Not Reported		
Fildate:	11/16/2000	Cmpldmonth:	8
Cmpldday:	15	Cmpldyear:	2000
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.637321		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.37105  
 Calcgps: -1  
 Site id: NE5000000039110

**E33**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039131**

Oid :	0	Wellid:	108954
Regnum:	G-094171	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	1100S 790E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	135
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39131	Ownernumbe:	49582
Compname:	Walter & Staci Dieken		
Citystzip:	Hastings, NE 68901		
Address1:	5450 North 1 Avenue		
Address2:	Not Reported		
Fildate:	01/07/1998	Cmpldmonth:	6
Cmpldday:	13	Cmpldyear:	1996
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.637471		
Longdd:	-98.37089		
Calcgps:	-1	Site id:	NE5000000039131

**34**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**NE WELLS NE5000000039649**

Oid :	0	Wellid:	71614
Regnum:	G-063700	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	DC	Footage:	1096N 2093W
Areapermit:	UBB-1-210		
Acres:	80		
Gpm:	500	Pcoldiam:	7
Pdepth:	0	Totaldepth:	175
Stwaterlev:	117	Pwaterlev:	161
Wedrilic:	0	Ownernumbe:	15927
Compname:	Johnson Imperial Home Company		
Citystzip:	Hastings, NE 68901		
Address1:	2727 West 2nd Street Box 82		
Address2:	Not Reported		
Fildate:	05/02/1980	Cmpldmonth:	4
Cmpldday:	8	Cmpldyear:	1980
Lastchgdat:	12/30/1899	Xdate2:	7/2007
Latdd:	40.6436333333		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.3897166667  
 Calcgps: 0  
 Site id: NE5000000039649

**35  
SSE  
1/2 - 1 Mile  
Lower**

**NE WELLS      NE5000000038800**

Oid :	0	Wellid:	152254
Regnum:	G-125723	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	AD	Footage:	2290S 400W
Areapermit:	UBB-1-3080		
Acres:	20		
Gpm:	200	Pcoldiam:	3
Pdepth:	133	Totaldepth:	147
Stwaterlev:	104	Pwaterlev:	127
Wedrilic:	39131	Ownernumbe:	64736
Compname:	James Thom		
Citystzip:	Hastings, NE 68901		
Address1:	5130 Osborne Drive East Box 1386		
Address2:	Not Reported		
Fildate:	01/29/2004	Cmpldmonth:	9
Cmpldday:	17	Cmpldyear:	2003
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.634241		
Longdd:	-98.375127		
Calcgps:	-1	Site id:	NE5000000038800

**F36  
SE  
1/2 - 1 Mile  
Lower**

**NE WELLS      NE5000000038967**

Oid :	0	Wellid:	134559
Regnum:	G-111700	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BC	Footage:	1455S 845E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1.25
Pdepth:	130	Totaldepth:	140
Stwaterlev:	89	Pwaterlev:	92
Wedrilic:	39131	Ownernumbe:	59051
Compname:	James & Sharon Batenhorst		
Citystzip:	Hastings, NE 68901		
Address1:	5360 North 1st Avenue		
Address2:	Not Reported		
Fildate:	08/14/2001	Cmpldmonth:	7
Cmpldday:	11	Cmpldyear:	2001
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.636496		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.370676  
 Calcgps: -1  
 Site id: NE5000000038967

**G37**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039127**

Oid :	0	Wellid:	114059
Regnum:	G-097833	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	1105S 1200E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	142
Stwaterlev:	94	Pwaterlev:	95
Wedrilic:	39131	Ownernumbe:	51762
Compname:	Jeff Wissing		
Citystzip:	Hastings, NE 68901		
Address1:	5400 1st Avenue		
Address2:	Not Reported		
Fildate:	09/18/1998	Cmpldmonth:	7
Cmpldday:	27	Cmpldyear:	1998
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.637454		
Longdd:	-98.369412		
Calcgps:	-1	Site id:	NE5000000039127

**38**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000040350**

Oid :	0	Wellid:	103029
Regnum:	G-090815	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	19
Subsection:	AA	Footage:	1300S 1300W
Areapermit:	UBB-1-2135		
Acres:	110		
Gpm:	600	Pcoldiam:	8
Pdepth:	140	Totaldepth:	150
Stwaterlev:	93	Pwaterlev:	134
Wedrilic:	39196	Ownernumbe:	46946
Compname:	Gottsch Enterprises		
Citystzip:	Hastings, NE 68902		
Address1:	1831 East South Street Box 1128		
Address2:	Not Reported		
Fildate:	03/07/1997	Cmpldmonth:	12
Cmpldday:	4	Cmpldyear:	1996
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.651519		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.378482  
 Calcgps: -1  
 Site id: NE5000000040350

**F39**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039078**

Oid :	0	Wellid:	128630
Regnum:	G-107760	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BB	Footage:	1294S 1189E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1
Pdepth:	120	Totaldepth:	130
Stwaterlev:	88	Pwaterlev:	90
Wedrilic:	39131	Ownernumbe:	57065
Compname:	Bradley G Norton		
Citystzip:	Hastings, NE 68901		
Address1:	806 North Colorado Avenue		
Address2:	Not Reported		
Fildate:	11/14/2000	Cmpldmonth:	9
Cmpldday:	29	Cmpldyear:	2000
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.636935		
Longdd:	-98.369443		
Calcgps:	-1	Site id:	NE5000000039078

**G40**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS NE5000000039062**

Oid :	0	Wellid:	76059
Regnum:	G-067981	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	BO	Footage:	Not Reported
Areapermit:	UBB-1-643		
Acres:	135		
Gpm:	350	Pcoldiam:	6
Pdepth:	0	Totaldepth:	127
Stwaterlev:	97	Pwaterlev:	120
Wedrilic:	0	Ownernumbe:	39150
Compname:	Leo Pigeon Mrs		
Citystzip:	Hastings, NE 68901		
Address1:	405 Lakeside Drive		
Address2:	Not Reported		
Fildate:	05/17/1982	Cmpldmonth:	4
Cmpldday:	15	Cmpldyear:	1982
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.636884		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.368884  
 Calcgps: -1  
 Site id: NE5000000039062

**41  
WNW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000039823**

Oid :	0	Wellid:	198279
Regnum:	G-152643	Replacemen:	0
Status:	Active	Useid:	Ground Heat Exchanger
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	DB	Footage:	1627N 2500W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	200
Stwaterlev:	92	Pwaterlev:	0
Wedrilic:	39250	Ownernumbe:	94731
Compname:	Larry Baker		
Citystzip:	Hastings, NE 68901		
Address1:	6101 Quail Ridge Ave		
Address2:	Not Reported		
Fildate:	04/27/2009	Cmpldmonth:	3
Cmpldday:	16	Cmpldyear:	2009
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6450833333		
Longdd:	-98.3911944444		
Calcgps:	0	Site id:	NE5000000039823

**42  
SW  
1/2 - 1 Mile  
Lower**

**NE WELLS      NE5000000038874**

Oid :	0	Wellid:	107367
Regnum:	G-093796	Replacemen:	0
Status:	Active	Useid:	Commercial/Industrial
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	25
Subsection:	AC	Footage:	1980S 2063W
Areapermit:	UBB-1-2228		
Acres:	145		
Gpm:	1150	Pcoldiam:	8
Pdepth:	135	Totaldepth:	142
Stwaterlev:	106	Pwaterlev:	120
Wedrilic:	39196	Ownernumbe:	9293
Compname:	Lochland Country Club		
Citystzip:	Hastings, NE 68902		
Address1:	601 West Lochland Road PO Box 1011		
Address2:	Not Reported		
Fildate:	12/10/1997	Cmpldmonth:	8
Cmpldday:	1	Cmpldyear:	1997
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.635187		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.389679  
 Calcgps: -1  
 Site id: NE5000000038874

**43**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000038620**

Oid :	0	Wellid:	23158
Regnum:	G-017298	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	CB	Footage:	1940N 1300E
Areapermit:	Not Reported		
Acres:	132		
Gpm:	800	Pcoldiam:	7
Pdepth:	0	Totaldepth:	141
Stwaterlev:	95	Pwaterlev:	112
Wedrilic:	0	Ownernumbe:	91398
Compname:	Colleen Adam		
Citystzip:	Hastings, NE 68901		
Address1:	4900 Osborne Drive East		
Address2:	Not Reported		
Fildate:	12/31/1958	Cmpldmonth:	5
Cmpldday:	30	Cmpldyear:	1956
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.63141		
Longdd:	-98.377626		
Calcgps:	-1	Site id:	NE5000000038620

**44**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000040279**

Oid :	0	Wellid:	7778
Regnum:	G-003966	Replacemen:	1
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	BC	Footage:	1438S 1056E
Areapermit:	Not Reported		
Acres:	80		
Gpm:	800	Pcoldiam:	9
Pdepth:	0	Totaldepth:	156
Stwaterlev:	94	Pwaterlev:	146
Wedrilic:	0	Ownernumbe:	46403
Compname:	Lamoine E & Emaline M Einspahr		
Citystzip:	Hastings, NE 68901		
Address1:	1315 Heritage Drive		
Address2:	Not Reported		
Fildate:	05/21/1968	Cmpldmonth:	5
Cmpldday:	16	Cmpldyear:	1968
Lastchgdat:	12/30/1899	Xdate2:	3/2008
Latdd:	40.6511388889		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.3698333333      Site id: NE5000000040279  
 Calcgps: 0

**H45  
East  
1/2 - 1 Mile  
Lower**

**NE WELLS      NE5000000039419**

Oid :	0	Wellid:	99481
Regnum:	G-087601	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	DC	Footage:	120N 2625W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	13	Pcoldiam:	1
Pdepth:	125	Totaldepth:	140
Stwaterlev:	96	Pwaterlev:	104
Wedrilic:	39131	Ownernumbe:	45638
Compname:	Joe Hurd		
Citystzip:	Hastings, NE 68901		
Address1:	1335 East Lochland Road		
Address2:	Not Reported		
Fildate:	04/08/1996	Cmpldmonth:	7
Cmpldday:	15	Cmpldyear:	1995
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.640802		
Longdd:	-98.364087		
Calcgps:	-1	Site id:	NE5000000039419

**46  
ENE  
1/2 - 1 Mile  
Lower**

**NE WELLS      NE5000000039839**

Oid :	0	Wellid:	1022
Regnum:	A-005552	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	DB	Footage:	1742N 2621W
Areapermit:	Not Reported		
Acres:	80		
Gpm:	898	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	27817
Compname:	David Gartner		
Citystzip:	Hastings, NE 68901		
Address1:	8225 North Baltimore Avenue		
Address2:	Not Reported		
Fildate:	09/08/1953	Cmpldmonth:	7
Cmpldday:	0	Cmpldyear:	1948
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6452527778		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.3640944444  
 Calcgps: 0  
 Site id: NE5000000039839

**H47  
 East  
 1/2 - 1 Mile  
 Lower**

**NE WELLS      NE5000000039391**

Oid :	0	Wellid:	140720
Regnum:	G-116181	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	DC	Footage:	32N 2540W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	20	Pcoldiam:	1.25
Pdepth:	126	Totaldepth:	143
Stwaterlev:	94	Pwaterlev:	96
Wedrilic:	39131	Ownernumbe:	60888
Compname:	Rodney Hermann		
Citystzip:	Hastings, NE 68901		
Address1:	PO Box 1051		
Address2:	Not Reported		
Fildate:	06/20/2002	Cmpldmonth:	5
Cmpldday:	2	Cmpldyear:	2002
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.64056		
Longdd:	-98.363779		
Calcgps:	-1	Site id:	NE5000000039391

**48  
 NE  
 1/2 - 1 Mile  
 Lower**

**NE WELLS      NE5000000040147**

Oid :	0	Wellid:	7777
Regnum:	G-003966	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	BD	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	100		
Gpm:	850	Pcoldiam:	9
Pdepth:	0	Totaldepth:	145
Stwaterlev:	92	Pwaterlev:	145
Wedrilic:	0	Ownernumbe:	46403
Compname:	Lamoine E & Emaline M Einspahr		
Citystzip:	Hastings, NE 68901		
Address1:	1315 Heritage Drive		
Address2:	Not Reported		
Fildate:	05/20/1957	Cmpldmonth:	10
Cmpldday:	24	Cmpldyear:	1956
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.64954		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.366571      Site id: NE5000000040147  
 Calcgps: -1

**49**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000040428**

Oid :	0	Wellid:	183606
Regnum:	G-145018	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	BB	Footage:	866S 853E
Areapermit:	UBB-1-3868		
Acres:	125		
Gpm:	500	Pcoldiam:	8
Pdepth:	145	Totaldepth:	155
Stwaterlev:	95	Pwaterlev:	134
Wedrilic:	39407	Ownernumbe:	46403
Compname:	Lamoine E & Emaline M Einspahr		
Citystzip:	Hastings, NE 68901		
Address1:	1315 Heritage Drive		
Address2:	Not Reported		
Fildate:	06/14/2007	Cmpldmonth:	4
Cmpldday:	23	Cmpldyear:	2007
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6526111111		
Longdd:	-98.3707222222		
Calcgps:	0	Site id:	NE5000000040428

**50**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000040559**

Oid :	0	Wellid:	101190
Regnum:	G-089096	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	20
Subsection:	BB	Footage:	360S 45E
Areapermit:	UBB-1-2108		
Acres:	60		
Gpm:	700	Pcoldiam:	8
Pdepth:	145	Totaldepth:	154
Stwaterlev:	88	Pwaterlev:	140
Wedrilic:	39055	Ownernumbe:	46403
Compname:	Lamoine E & Emaline M Einspahr		
Citystzip:	Hastings, NE 68901		
Address1:	1315 Heritage Drive		
Address2:	Not Reported		
Fildate:	08/26/1996	Cmpldmonth:	8
Cmpldday:	24	Cmpldyear:	1996
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.654007		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.373636  
 Calcgps: -1  
 Site id: NE5000000040559

**51  
South  
1/2 - 1 Mile  
Lower**

**NE WELLS NE5000000038451**

Oid :	0	Wellid:	23159
Regnum:	G-017298	Replacemen:	1
Status:	Inactive	Useid:	Livestock
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	30
Subsection:	DO	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	154
Stwaterlev:	95	Pwaterlev:	112
Wedrilic:	0	Ownernumbe:	91398
Compname:	Colleen Adam		
Citystzip:	Hastings, NE 68901		
Address1:	4900 Osborne Drive East		
Address2:	Not Reported		
Fildate:	10/25/1976	Cmpldmonth:	10
Cmpldday:	21	Cmpldyear:	1976
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.629716		
Longdd:	-98.37837		
Calcgps:	-1	Site id:	NE5000000038451

**152  
WSW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000038995**

Oid :	0	Wellid:	34807
Regnum:	G-028095	Replacemen:	1
Status:	Inactive	Useid:	Commercial/Industrial
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	25
Subsection:	BD	Footage:	1440S 1850E
Areapermit:	Not Reported		
Acres:	120		
Gpm:	850	Pcoldiam:	0
Pdepth:	0	Totaldepth:	166
Stwaterlev:	120	Pwaterlev:	140
Wedrilic:	0	Ownernumbe:	9293
Compname:	Lochland Country Club		
Citystzip:	Hastings, NE 68902		
Address1:	601 West Lochland Road PO Box 1011		
Address2:	Not Reported		
Fildate:	07/02/1986	Cmpldmonth:	6
Cmpldday:	25	Cmpldyear:	1986
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.63664		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.394647      Site id: NE5000000038995  
 Calcgps: -1

**153  
WSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000038996**

Oid :	0	Wellid:	34808
Regnum:	G-028095	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	25
Subsection:	BD	Footage:	1440S 1850E
Areapermit:	Not Reported		
Acres:	120		
Gpm:	750	Pcoldiam:	9
Pdepth:	0	Totaldepth:	160
Stwaterlev:	112	Pwaterlev:	153
Wedrilic:	0	Ownernumbe:	9293
Compname:	Lochland Country Club		
Citystzip:	Hastings, NE 68902		
Address1:	601 West Lochland Road PO Box 1011		
Address2:	Not Reported		
Fildate:	09/25/1967	Cmpldmonth:	4
Cmpldday:	21	Cmpldyear:	1967
Lastchgdatt:	12/30/1899	Xdate2:	0
Latdd:	40.63664		
Longdd:	-98.394647		
Calcgps:	-1	Site id:	NE5000000038996

**54  
West  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000039497**

Oid :	0	Wellid:	23393
Regnum:	G-017497	Replacemen:	1
Status:	Inactive	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	CC	Footage:	450N 1320E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	8
Pdepth:	0	Totaldepth:	180
Stwaterlev:	138	Pwaterlev:	165
Wedrilic:	0	Ownernumbe:	31957
Compname:	Starr Seed Farms Inc		
Citystzip:	Hastings, NE 68901		
Address1:	1140 West Lochland Road		
Address2:	Not Reported		
Fildate:	11/10/1975	Cmpldmonth:	7
Cmpldday:	1	Cmpldyear:	1975
Lastchgdatt:	12/30/1899	Xdate2:	0
Latdd:	40.641819		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.396523  
 Calcgps: -1  
 Site id: NE5000000039497

**J55  
West  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000039765**

Oid :	0	Wellid:	23392
Regnum:	G-017497	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	CC	Footage:	1320N 1280E
Areapermit:	Not Reported		
Acres:	160		
Gpm:	600	Pcoldiam:	7
Pdepth:	0	Totaldepth:	175
Stwaterlev:	115	Pwaterlev:	136
Wedrilic:	0	Ownernumbe:	31957
Compname:	Starr Seed Farms Inc		
Citystzip:	Hastings, NE 68901		
Address1:	1140 West Lochland Road		
Address2:	Not Reported		
Fildate:	12/31/1958	Cmpldmonth:	8
Cmpldday:	31	Cmpldyear:	1948
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.644206		
Longdd:	-98.396624		
Calcgps:	-1	Site id:	NE5000000039765

**K56  
WNW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000040156**

Oid :	0	Wellid:	4099
Regnum:	G-000759	Replacemen:	0
Status:	Abandoned	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	BD	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	320		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	20882
Compname:	Mary Lanning Hospital Trust		
Citystzip:	Hastings, NE 68902		
Address1:	122 North Hastings PO Box 756		
Address2:	Gary Anderson		
Fildate:	06/27/1956	Cmpldmonth:	5
Cmpldday:	19	Cmpldyear:	1956
Lastchgdat:	12/30/1899	Xdate2:	0/1985
Latdd:	40.649659		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -98.394122      Site id: NE5000000040156  
 Calcgps: -1

**K57  
WNW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000040157**

Oid :	0	Wellid:	74178
Regnum:	G-066174	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	24
Subsection:	BD	Footage:	Not Reported
Areapermit:	UBB-1-602		
Acres:	100		
Gpm:	675	Pcoldiam:	7
Pdepth:	0	Totaldepth:	175
Stwaterlev:	118	Pwaterlev:	162
Wedrilic:	0	Ownernumbe:	20882
Compname:	Mary Lanning Hospital Trust		
Citystzip:	Hastings, NE 68902		
Address1:	122 North Hastings PO Box 756		
Address2:	Gary Anderson		
Fildate:	06/17/1981	Cmpldmonth:	6
Cmpldday:	15	Cmpldyear:	1981
Lastchgdatt:	12/30/1899	Xdate2:	0
Latdd:	40.649659		
Longdd:	-98.394122		
Calcgps:	-1	Site id:	NE5000000040157

**J58  
West  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000731133**

Org. Identifier:	USGS-NE		
Formal name:	USGS Nebraska Water Science Center		
Monloc Identifier:	USGS-403837098234801		
Monloc name:	8N 10W24CCA 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	10270203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6436245
Longitude:	-98.3970055	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1965.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	170
Construction date:	19480101	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1952-10-01	113.00	

**59**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000039368**

Oid :	0	Wellid:	152133
Regnum:	G-123794	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	9
Rangelet:	W	Section:	29
Subsection:	AB	Footage:	40S 1722W
Areapermit:	UBB-1-3071		
Acres:	120	Pcoldiam:	4
Gpm:	350	Totaldepth:	139
Pdepth:	133	Pwaterlev:	132
Stwaterlev:	96	Ownernumbe:	64648
Wedrilic:	3919406		
Compname:	Carol L Curry		
Citystzip:	Hastings, NE 68901		
Address1:	1620 East Lochland Road		
Address2:	Not Reported		
Fildate:	10/08/2003	Cmpldmonth:	8
Cmpldday:	15	Cmpldyear:	2003
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.640354		
Longdd:	-98.36083		
Calcgps:	-1	Site id:	NE5000000039368

**60**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000038453**

Oid :	0	Wellid:	190857
Regnum:	G-042368	Replacemen:	1
Status:	Active	Useid:	Irrigation
Nrdname:	Upper Big Blue	Nrddwrnum:	1
Countyname:	Adams	Countynum:	1
Township:	8	Rangenum:	10
Rangelet:	W	Section:	25
Subsection:	DC	Footage:	1312N 1320W
Areapermit:	UBB-1-3989		
Acres:	114		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Gpm:	800	Pcoldiam:	8
Pdepth:	150	Totaldepth:	160
Stwaterlev:	90	Pwaterlev:	135
Wedrilic:	39298	Ownernumbe:	89696
Compname:	Paul & Jeanette Grothen		
Citystzip:	Hastings, NE 68901		
Address1:	728 Leisure Lane		
Address2:	Not Reported		
Fildate:	03/06/2008	Cmpldmonth:	4
Cmpldday:	4	Cmpldyear:	1997
Lastchgdat:	12/30/1899	Xdate2:	0
Latdd:	40.6297222222		
Longdd:	-98.3872777778		
Calcgps:	0	Site id:	NE5000000038453

# 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
453	5.8	255	56%	48.0

Federal EPA Radon Zone for ADAMS County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 68901

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.245 pCi/L	91%	9%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.104 pCi/L	42%	58%	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.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 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<sup>R</sup> 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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

### STREET AND ADDRESS INFORMATION

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**Appendix C:**  
**Historical Records**



**Central Nebraska Replacement Veterans Home**

NE Corner of US HWY 281 & Loachland Rd  
Hastings, NE 68901

Inquiry Number: 3608512.3

May 16, 2013

**Certified Sanborn® Map Report**

# Certified Sanborn® Map Report

5/16/13

**Site Name:**

Central Nebraska Replacement  
NE Corner of US HWY 281 &  
Hastings, NE 68901

**Client Name:**

GSI Engineering, LLC  
2960 North Diers Avenue  
Grand Island, NE 68803

EDR Inquiry # 3608512.3

Contact: Carrie Thomas



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by GSI Engineering, LLC were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Central Nebraska Replacement Veterans  
**Address:** NE Corner of US HWY 281 & Loachland Rd  
**City, State, Zip:** Hastings, NE 68901  
**Cross Street:**  
**P.O. #** 513120  
**Project:** 135078  
**Certification #** C54B-4F34-A0C6



Sanborn® Library search results  
Certification # C54B-4F34-A0C6

## UNMAPPED 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.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, 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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**Central Nebraska Replacement Veterans Home**

NE Corner of US HWY 281 & Loachland Rd  
Hastings, NE 68901

Inquiry Number: 3608512.4

May 16, 2013

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

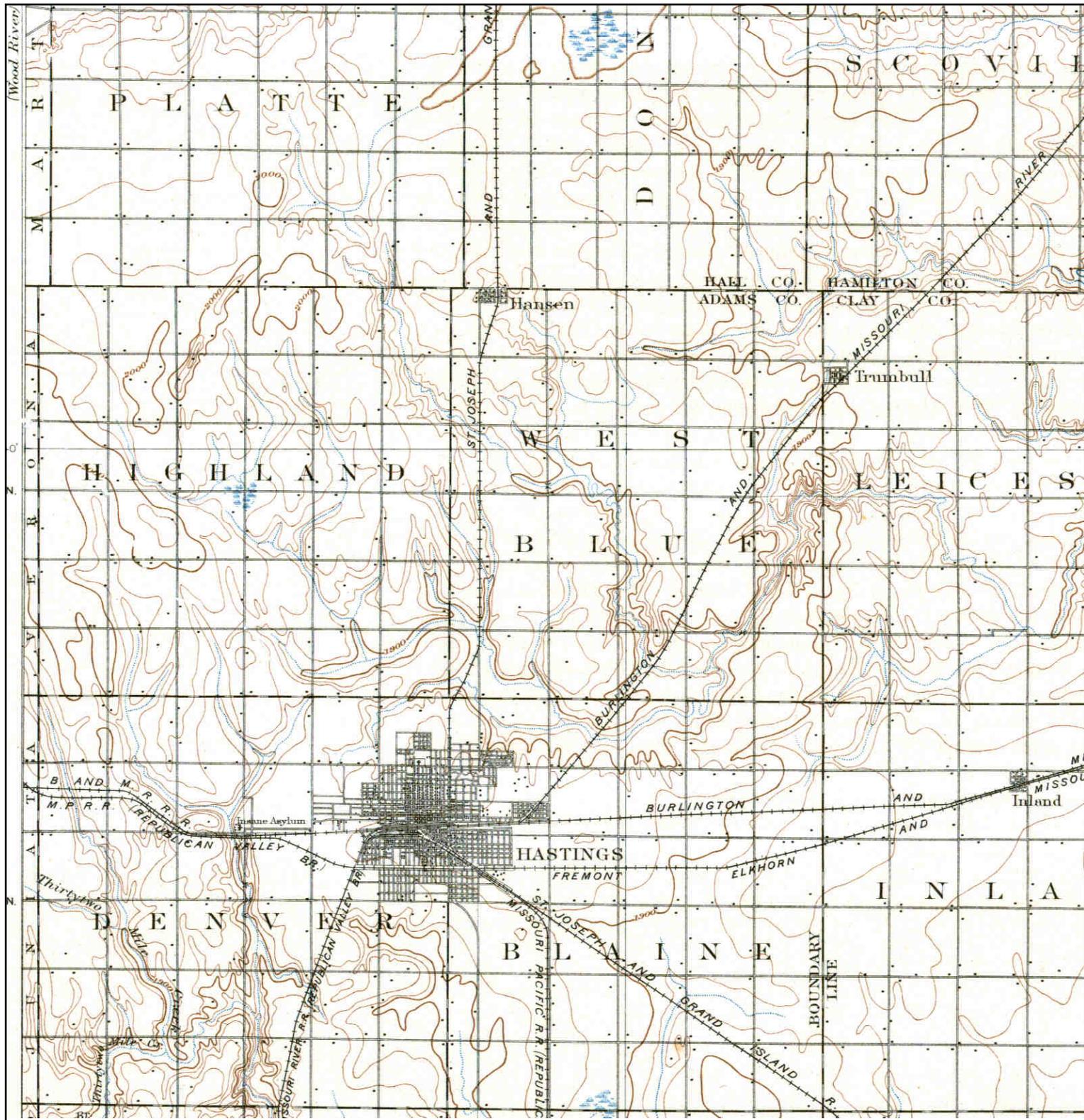
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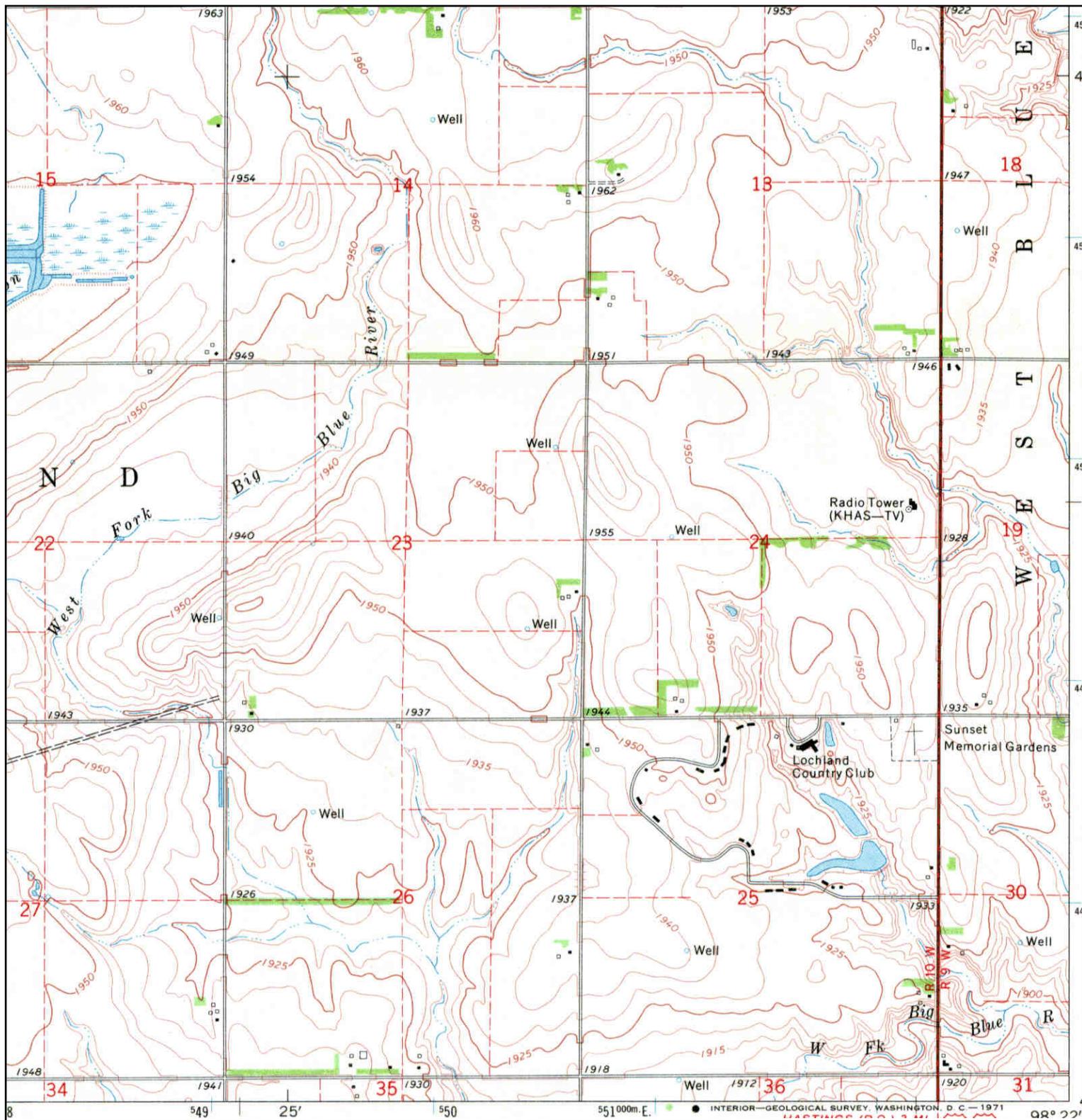
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# Historical Topographic Map



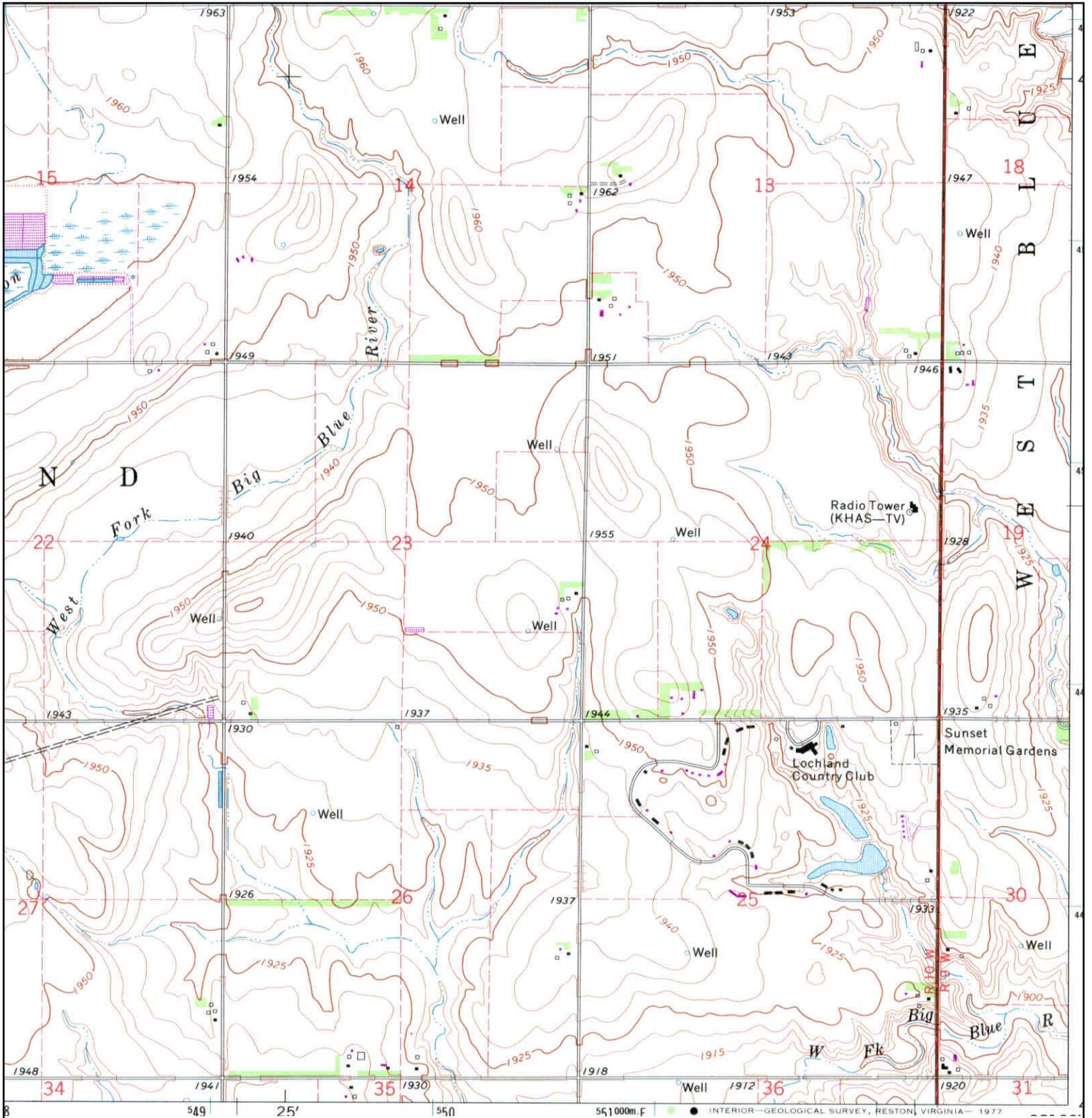
	<b>TARGET QUAD</b> NAME: GRAND ISLAND MAP YEAR: 1898	SITE NAME: Central Nebraska Replacement Veterans Home ADDRESS: NE Corner of US HWY 281 & Loachland Rd Hastings, NE 68901 LAT/LONG: 40.6424 / -98.3791	CLIENT: GSI Engineering, LLC CONTACT: Carrie Thomas INQUIRY#: 3608512.4 RESEARCH DATE: 05/16/2013
	SERIES: 30 SCALE: 1:125000		

# Historical Topographic Map



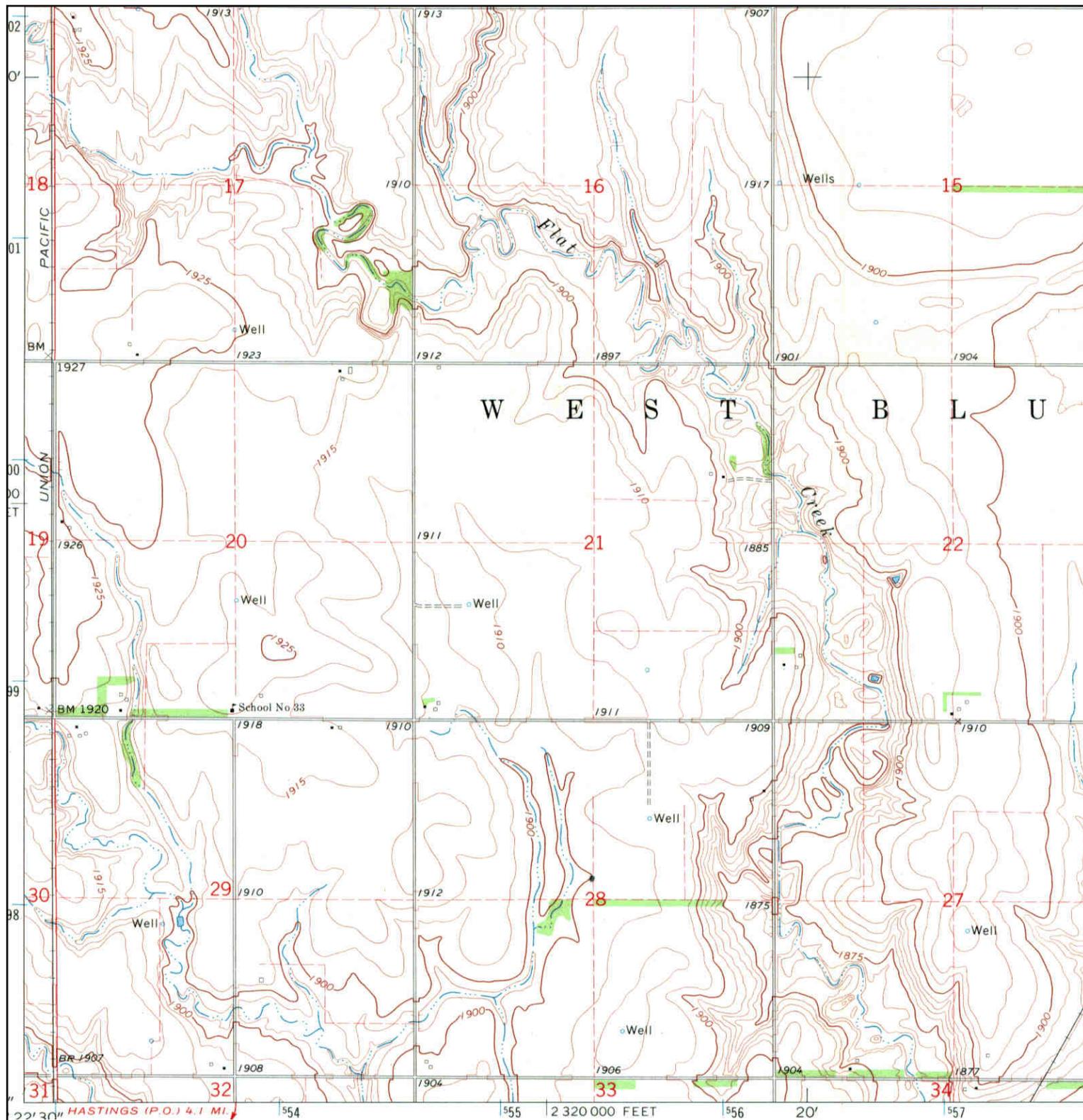
 <b>N</b>	<b>TARGET QUAD</b> NAME: HASTINGS NW MAP YEAR: 1969	SITE NAME: Central Nebraska Replacement Veterans Home ADDRESS: NE Corner of US HWY 281 & Loachland Rd Hastings, NE 68901	CLIENT: GSI Engineering, LLC CONTACT: Carrie Thomas INQUIRY#: 3608512.4 RESEARCH DATE: 05/16/2013
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 40.6424 / -98.3791	

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Central Nebraska Replacement Veterans Home	<b>CLIENT:</b> GSI Engineering, LLC
	NAME: HASTINGS NW	ADDRESS: NE Corner of US HWY 281 & Lochland Rd	<b>CONTACT:</b> Carrie Thomas
	MAP YEAR: 1974	Hastings, NE 68901	<b>INQUIRY#:</b> 3608512.4
	PHOTOREVISED FROM :1969	LAT/LONG: 40.6424 / -98.3791	<b>RESEARCH DATE:</b> 05/16/2013
	SERIES: 7.5		
	SCALE: 1:24000		

# Historical Topographic Map



	<b>ADJOINING QUAD</b>	<b>SITE NAME:</b> Central Nebraska Replacement Veterans Home	<b>CLIENT:</b> GSI Engineering, LLC
	NAME: TRUMBULL	<b>ADDRESS:</b> NE Corner of US HWY 281 & Loachland Rd	<b>CONTACT:</b> Carrie Thomas
	MAP YEAR: 1969	Hastings, NE 68901	<b>INQUIRY#:</b> 3608512.4
	SERIES: 7.5	<b>LAT/LONG:</b> 40.6424 / -98.3791	<b>RESEARCH DATE:</b> 05/16/2013
	SCALE: 1:24000		



**Central Nebraska Replacement Veterans Home**

NE Corner of US HWY 281 & Loachland Rd  
Hastings, NE 68901

Inquiry Number: 3608512.5

May 16, 2013

## The EDR Aerial Photo Decade Package

# EDR Aerial Photo Decade Package

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.

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**Date EDR Searched Historical Sources:**

Aerial Photography May 16, 2013

**Target Property:**

NE Corner of US HWY 281 & Loachland Rd

Hastings, NE 68901

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Date: April 16, 1967	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 40098-F4, Hastings NW, NE;/Flight Date: June 21, 1988	EDR
1993	Aerial Photograph. Scale: 1"=750'	Panel #: 40098-F4, Hastings NW, NE;/Flight Date: May 13, 1993	EDR
1999	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/DOQQ - acquisition dates: April 01, 1999	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Year: 2007	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Panel #: 40098-F4, Hastings NW, NE;/Flight Year: 2012	EDR



**INQUIRY #:** 3608512.5

**YEAR:** 1967

| = 500'





**INQUIRY #:** 3608512.5

**YEAR:** 1988

|—————| = 750'



EDR Environmental Data Resources Inc.



**INQUIRY #:** 3608512.5

**YEAR:** 1993

| = 750'





**INQUIRY #:** 3608512.5

**YEAR:** 1999

| = 500'





**INQUIRY #:** 3608512.5

**YEAR:** 2005

| = 500'



EDR Environmental Data Resources Inc.



**INQUIRY #:** 3608512.5

**YEAR:** 2006

| = 500'





**INQUIRY #:** 3608512.5

**YEAR:** 2007

| = 500'





**INQUIRY #:** 3608512.5

**YEAR:** 2009

— = 500'





**INQUIRY #:** 3608512.5

**YEAR:** 2010

| = 500'





**INQUIRY #:** 3608512.5

**YEAR:** 2012

— = 500'



**Central Nebraska Replacement Veterans Home**

NE Corner of US HWY 281 & Loachland Rd  
Hastings, NE 68901

Inquiry Number: 3608512.6  
May 20, 2013

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

### **Disclaimer - Copyright and Trademark Notice**

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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.

### 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>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
2009	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1994	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1989	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1984	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1979	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1974	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1961	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1957	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

### RECORD SOURCES

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## FINDINGS

### TARGET PROPERTY STREET

NE Corner of US HWY 281 & Loachland Rd  
Hastings, NE 68901

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>Lochland Rd</u></b>			
2013	pg A1	Polk's City Directory	
2009	pg A2	Polk's City Directory	
2004	pg A3	Polk's City Directory	
1999	pg A4	Polk's City Directory	
1994	pg A5	Polk's City Directory	
1989	pg A6	Polk's City Directory	
1984	-	Polk's City Directory	Street not listed in Source
1979	-	Polk's City Directory	Street not listed in Source
1974	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1961	-	Polk's City Directory	Street not listed in Source
1957	-	Polk's City Directory	Street not listed in Source

### **US HWY 281(OSBORNE DR W)**

2013	pg A7	Polk's City Directory	
2009	pg A8	Polk's City Directory	
2004	pg A9	Polk's City Directory	
1999	pg A10	Polk's City Directory	
1994	pg A11	Polk's City Directory	
1989	pg A12	Polk's City Directory	
1984	pg A13	Polk's City Directory	
1979	pg A14	Polk's City Directory	
1974	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1961	-	Polk's City Directory	Street not listed in Source
1957	-	Polk's City Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**



-

Lochland Rd 2013

**E LOCHLAND RD (HASTINGS)-FROM 5799 N COLUMBINE AVE**

**• ZIP CODE 68901 CAR-RT R004**

120 Craig Kenneth E & Julie A ✓ [19] ▲ (1994)  
.....402-462-5661

Ⓜ Peterson Kerrie R ✓

Peterson Dustin J

620 Ⓜ Michael Spady ✓

635 Smidt Lonnie D & Sandra S ✓ [24] ▲ (1961)  
.....402-461-3415

**+ RAILROAD CROSSES**

**+ N WILDFLOWER AVE BEGINS**

**• ZIP CODE 68901 CAR-RT R002**

790 Fleharty Lyle C & Diann K ✓ [19] ▲ (1951)

840 Smidt Denny D & Georgette ✓ [14] ▲ (1997)  
.....402-463-7900

925 Grothen Timothy R ✓ [31] ▲ (1961) .....402-463-8318

**Lochland Rd 2009**

4905 Sanderson James C & Kim J [2] ▲ .....402-463-5165  
**HOUSEHOLDS 2**

---

**E LOCHLAND RD (HASTINGS)-FROM 5799 N  
COLUMBINE AVE**

**• ZIP CODE 68901 CAR-RT R004**

120 Craig Kenneth E & Julie A [15] ▲ .....402-462-5661  
575 Dunning Jerry R & Letha [27] ▲ .....402-463-8214  
620 Spady Michael D & Nancy E [20] ▲ .....402-461-3133  
635 Smidt Lonnie D & Sandra S [20] ▲ .....402-461-3415

**+ RAILROAD CROSSES**

**+ N WILDFLOWER AVE BEGINS**

**• ZIP CODE 68901 CAR-RT R002**

790 No Current Listing  
840 Smidt Denny D & Georgette [10] .....402-463-7900  
925 Grothen Timothy R [27] ▲ .....402-463-8318  
Grothen Silas .....402-463-8318

**+ N 1ST AVE INTERSECTS**

1300 DISTRICT 033 ADAMS COUNTY schools  
.....402-463-8326

1335 No Current Listing  
1365 Hermann Rodney L & Becky J [7] ▲ ....402-462-9834  
1620 Fisher Jerry D & Carol L [35] ▲ .....402-463-8589

**+ N SHOWBOAT BLVD INTERSECTS**

1935 Reiners Dave D [12] ▲

Warriner Shaun

2530 Synek Douglas J [5] ▲

Synek Paula

**+ N BLAINE AVE INTERSECTS**

**+ N PAWNEE AVE INTERSECTS**

**+ RAILROAD CROSSES**

**+ N MAXON AVE INTERSECTS**

**BUSINESSES 1** **HOUSEHOLDS 13**

---

**E LOCHLAND RD (TRUMBULL)**

**• ZIP CODE 68980 CAR-RT R001**

5050 Saathoff Doug L [12] ▲ .....402-463-8515

Lochland Rd 2004

HOUSEHOLDS 8

E LOCHLAND RD (HASTINGS)

• ZIP CODE 68901 CAR-RT R004

- 120 Craig Kenneth E & Julie A [11] ▲ .....402-462-5661
- 575 Dunning Gerald R & Letha [20] ▲ .....402-463-8214
- 620 Spady Michael D & Nancy E [16] ▲ ....402-461-3133
- 635 Smidt Lonnie D & Sandra S [16] ▲ ....402-461-3415

• ZIP CODE 68901 CAR-RT R002

- 840 Smidt Denny D & Georgette [6] ▲
- 925 Grothen Timothy R [20] ▲ .....402-463-8318
- Grothen Silas .....402-463-8318
- 1300 DISTRICT 033 ADAMS COUNTY schools
- .....402-463-8326

- 1335 Hurd Joe E & Linda K [14] ▲
- 1365 Hermann Rodney L & Becky J [3] ▲ ..402-462-9834
- 1620 Fisher Jerry D & Carol L [20] ▲ .....402-463-8589
- 1935 Reiners Dave D & Jody [3] ▲ .....402-463-0176
- 2530 Synek Doug [2] ▲ .....402-463-7518
- Synek Paula .....402-463-7518

BUSINESSES 1

HOUSEHOLDS 11

E LOCHLAND RD (TRUMBULL)

• ZIP CODE 68980 CAR-RT R001

Lochland Rd 1999

<p><b>S LINCOLN AVE</b> <i>cont'd</i></p> <p>Maul Elaine E [H]+ [A] ..... 462-6353  Maul Charles L ..... 462-6353  727 Pavelka Frank C [H]+ [A] ..... 463-2538  Pavelka Bonnie L ..... 463-2538  731 Oye Sylvia A &amp; Harold [H]+ [A] ..... 463-0703  734 Dodson Augusta M [H] ..... 463-2755  735 Clark Gary A &amp; Lisa [H] ..... 462-4541  740 Muehling Leo G &amp; Beulah [H]+ [A] ..... 463-9798</p> <p><b>+ RAILROAD CROSSES</b>  <b>+ W F ST INTERSECTS</b></p> <p>803 [H] Frerichs Vicky ..... 462-4268  Frerichs Lillian V ..... 462-4268  808 B &amp; R BODY SHOP pnt &amp; body rpr ..... 463-4422  [8]10 HACKLER AUTO REPAIR auto rpr ..... 463-6363  811 Dunbar Irene [H] ..... 462-4374  815 Miller Roger D [H] [A] ..... 463-7016  Miller Nicole R ..... 463-7016  827 Havens Randall L &amp; Joni [H]+ [A] ..... 462-5437  831 Schiefelbein John H &amp; Wauneta [H]+ [A] ..... 462-5437  837 Not Verified  847 Oelschlager Lonnie E [H]+ [A] ..... 463-9397  Oelschlager Chad A ..... 463-9397</p> <p><b>+ W 9TH ST INTERSECTS</b>  <b>+ W G ST INTERSECTS</b></p> <p>913 Maughan Kenneth J Jr &amp; Judy [H]+ [A] ..... 463-6106  923 [H] Brewer Bret ..... 463-8433  [8]Heinrichs David C &amp; Quinda ..... 463-8433  927 Alberts Lavern M &amp; Evangeline [H]+ [A] ..... 463-1433  931 Not Verified</p> <p><b>+ W H ST INTERSECTS</b></p> <p>1001 [H] Cox L K ..... 462-9659  1005 Roman Teresa [H] ..... 461-4150  1009 Bader Della L [H]+ [A] ..... 463-5891  1013 Conaway Judith A [H]+ [A] ..... 463-5891  1017 Consbruck Royce R &amp; Charlotte [H]+ [A] ..... 463-7313  1021 Dittmer Cecil G [H]+ [A] ..... 463-7313  Dittmer Donnie R ..... 463-7313  1036 [H] Kuskie Deanna F ..... 462-2144  [8]Marjo Manor ..... 462-2144</p> <p><b>+ E 12TH ST INTERSECTS</b>  <b>+ E 16TH ST INTERSECTS</b>  <b>+ W 17TH ST INTERSECTS</b>  BUSINESSES 8 HOUSEHOLDS 87</p> <p><b>S LINCOLN AVE (HOLSTEIN)-</b>  <b>- ZIP CODE 68950 CAR-RT R001</b></p> <p>9645 GRANSTROM JAMES J gen farms prim crop ..... 756-5893  9790 [H] Eckhardt Walter ..... 756-5341  BUSINESSES 1 HOUSEHOLDS 1</p> <p><b>S LINCOLN AVE (ROSELAND)-</b>  <b>- ZIP CODE 68973 CAR-RT R001</b></p> <p>9519 Einspahr Jean A &amp; Gerald [H]+ [A] ..... 756-6607  9520 Eckhardt Danny J [H] ..... 756-6260  Eckhardt Rebecca S ..... 756-6260  Smidt Rebecca S [H] ..... 756-6260  HOUSEHOLDS 3</p> <p><b>LINDEN AVE (HASTINGS)-FROM 2567 W 9TH ST NORTH</b>  <b>- ZIP CODE 68901 CAR-RT C009</b></p> <p>905 Willcock Elton R &amp; Edith [H]+ [A] ..... 462-2856  911 Crabtree Richard L &amp; Agnes [H] [A] ..... 463-5270  912 Buckley Janice C [H] [A] ..... 463-9867  916 Beirow Andrew S &amp; Dawnita [H]+ [A] ..... 462-6738  917 Not Verified  923 Petersen Dawn L [H] [A] ..... 463-9867  Petersen James D ..... 463-9867  928 Hart Sharon R [H]+ [A] ..... 462-6738  929 Pittz Florence I [H]+ [A] ..... 462-2392  <b>+ W 10TH ST INTERSECTS</b>  HOUSEHOLDS 8</p> <p><b>E LOCHLAND RD (HASTINGS)-</b>  <b>- ZIP CODE 68901 CAR-RT R004</b></p> <p>120 Craig Kenneth E &amp; Julie [H] [A] ..... 462-5661</p>	<p><b>E LOCHLAND RD (H)</b> <i>cont'd</i></p> <p>FRIENDS FOREVER MINISTERIE religious orgs ..... 462-5661  575 Dunning Gerald R [H]+ [A] ..... 463-8214  Dunning Orleatha M ..... 463-8214  620 Spady Michael D [H]+ [A] ..... 461-3133  635 Smidt Lonnie D &amp; Sandra [H]+ [A] ..... 461-3415</p> <p><b>- ZIP CODE 68901 CAR-RT R002</b></p> <p>840 [H] Smidt Dennis ..... 463-7900  925 Grothen Timothy R [H]+ [A] ..... 463-8318  Grothen Martha S ..... 463-8318  1300 TRI VIEW SCHOOL elmtry scndry sch ..... 463-8326  1335 Hurd Joe E [H] [A] ..... 463-4624  Hurd Linda K ..... 463-4624  1620 Curry Carol L [H]+ [A] ..... 463-8589  1680 [H] Rystrom Ken ..... 463-8157  1935 Hinrichs Lyndell D [H] ..... 461-3615  Hinrichs Tammy S ..... 461-3615  BUSINESSES 2 HOUSEHOLDS 10</p> <p><b>W LOCHLAND RD (HASTINGS)-</b>  <b>- ZIP CODE 68901 CAR-RT R004</b></p> <p>303 Welch George L &amp; Charlotte [H]+ [A] ..... 436-1906  333 Johnson Jane K [H]+ [A] ..... 463-2385  401 Crowley Cyndie A [H]+ [A] ..... 462-8289  421 Nicolarsen Jerry L [H]+ [A] ..... 462-4338  Nicolarsen Virginia L ..... 462-4338  505 Samuelson Robert J [H]+ [A] ..... 463-6601  601 LOCHLAND COUNTRY CLUB mbrshp club ..... 462-4151  901 Mastin Robert L &amp; Virginia [H]+ [A] ..... 462-2882  MASTIN VIRGINIA N Y E artist ..... 462-5272  911 Lebsack Timothy W [H]+ [A] ..... 462-5272  Lebsack Edwin W ..... 462-5272  1140 Starr Joel W [H] [A] ..... 461-4229  STARR JOEL &amp; JAMES PARTNE corn ..... 461-4229  STARR SEED FARMS corn ..... 462-9092  1325 Not Verified  1385 Kerr Marvin D [H] [A] ..... 462-8182  Kerr Donna R ..... 462-8182</p> <p><b>- ZIP CODE 68901 CAR-RT R003</b></p> <p>2540 Quinn Thomas A &amp; Joan [H]+ [A] ..... 463-5004  2720 Quinn Gerald V [H]+ [A] ..... 463-8566  Quinn Margaret A ..... 463-8566  SUNSET LAWN &amp; LANDSCAPING ret nsrs gdn str ..... 463-8566  5180 Warrings Daniel J [H] ..... 463-8226  BUSINESSES 5 HOUSEHOLDS 13</p> <p><b>W LOCHLAND RD (JUNIATA)-</b>  <b>- ZIP CODE 68955 CAR-RT R002</b></p> <p>5945 Junker Robert J [H]+ [A] ..... 751-2447  Junker Naomi L ..... 751-2447  5955 [H] Shuck Catherine M ..... 751-2738  6025 Keenan William L &amp; Renae [H] [A] ..... 751-2654  6765 Bonifas Dale W &amp; Julie [H]+ [A] ..... 751-2230  7305 Kent Gary L [H]+ [A] ..... 751-2452  Kent Mona D ..... 751-2452  7490 [H] Shafer Mabvel C ..... 751-2453  7530 [H] Loeffel Susan C ..... 751-2522  Shafer Mabel G [H]+ [A] ..... 751-2299  8680 [H] Leeper Clayton L ..... 751-2299  Leeper Bertie S ..... 751-2139  9580 Brittain Laverne R [H] ..... 751-2139  Brittain Carol J ..... 751-2139  C &amp; L CANVAS &amp; UPHOLSTERY reuphlstry furn rpr ..... 751-2139  Kalvoda Glen R &amp; Carol [H] ..... 751-2139  9765 RISING STAR DISTRICT 29 SCHOOL elmtry scndry sch ..... 751-2438</p> <p><b>- ZIP CODE 68955 CAR-RT R001</b></p> <p>11135 Hoefler Anna E [H] [A] ..... 751-2433  Hoefler Elmer C ..... 751-2433  11735 Burr Daniel D &amp; Cheryl [H] ..... 751-2200  12230 Augustin Travis J [H]+ [A] ..... 751-242  Augustin Tara ..... 751-242  AUGUSTINE CATTLE corn ..... 751-242  12940 Ruhter Milton E &amp; Evelyn [H]+ [A] ..... 751-242</p>
--	---

Insurance with Service Since 1969



Lochland Rd

1989

25

---

**LOCHLAND RD -FROM N  
HWY 281 WEST**

ZIP CODE 68901

303 Welch Geo L © 462-8273

333 Johnson Calvin R © 463-2385

401 Crowley John M © 462-8289

421 Nicolarsen Jerry L ©  
462-4338

505★Samuelson Robt 463-6601

1011 Lochland Country Club  
462-41511011 Lochland Country Club  
Pro Shop golf equip &  
sup 462-8783

901 Mastin Robt © 462-2882

911 Lebsack Timothy W ©  
462-52721200 Starr Seed Farm seed farm  
production 462-9092

Starr Wendell E © 462-9092

1325 Knapp Joseph K Jr ©  
462-6950

19

---

**LOWMAN AV -FROM B N RY**

US HWY 281(OSBORNE DR W) 2013

OSBORNE DR E Cont'd

3100 HOME REAL ESTATE real estate ✓ @ 402-461-6930
RIVALS BAR & GRILL restaurants ✓ @ 402-834-0526
3206 Trobaugh Matt J [14] ▲ (1975)
Trobaugh John
3210 Laux Wayne R & Genevieve M ✓ [21] ▲ (1961)
3400 MENARDS home centers ✓ 402-462-7343
3800 BOYD'S FULL SVC VENDING CO vending mach-
whol ✓ 402-462-8131
PEPSI BOTTLING GROUP soft drinks ✓ @
3900 J & S FOODS food products- retail ✓ @
SMITH SOFTBALL COMPLEX government offices ✓
@ 402-462-7100
4103 NEBRASKA SOFTBALL ASSN associations ✓ @
4900 Adam Colleen A & George M ✓ [17] ▲ (1991)
5130 Thom James L & Jean M ✓ [5] ▲ (1980)
7810 Owens Kathleen S ✓ ▲ (1975)
Svoboda David J & Debbie M ✓ [21] ▲ (1961)
7900 DON SVOBODA PLUMBING plumbing contractors ✓
@ 402-463-0168
Svoboda Donald G & Deneeta M ✓ [9] ▲ (1975)
8820 Skrolant Russell E & Teresa R ✓ [9] ▲ (1952)
8836 Rojewski Jon W ✓ @ [20] ▲ (2002)
Rojewski Jaden W 402-462-5968
8908 No Current Listing
8910 Rewerts Steven E & Martha J ✓ @ [20] ▲ (1930)
9090 Shafer Clayton D & Jackie L ✓ [32] ▲ (1961)
9150 Zimmerman Leroy W [2] ▲ (1975)
+ E BARROWS RD INTERSECTS
+ US HWY 281 ENDS
BUSINESSES 23 HOUSEHOLDS 15

OSBORNE DR W (HASTINGS)

• ZIP CODE 68901 CAR-RT R005
2203 AMERICAN GENERAL LIFE INS CO insurance ✓ @
402-462-2505
ELLEBROCK NORRIS AGENCY insurance ✓ @
402-463-2461
2207 100 BATTERMAN MICHELLE L nurses-
practitioners ✓ @ 402-462-2139
100 HASTINGS ORTHOPAEDIC & SPORTS clinics
✓ @ 402-462-2139
100 REINERS JOSHUA K physicians assistants ✓ @
402-462-2139
100 STONER TRAVIS B DO physicians & surgeons
✓ @ 402-462-2139
200 HASTINGS IMAGING CTR LLC diagnostic
imaging centers ✓ @ 402-462-4070
2307 HASTINGS PHYSICAL THERAPY phys therapists ✓
@ 402-462-2665
Niemeyer Janice ✓ ▲ (1975)
2505 STUEHRENBERG AGENCY INC insurance ✓ @
402-462-4301
2815 FIVE POINTS BANK banks ✓ @
FIVE POINTS BANK OF HASTINGS insurance-
health & accident @
US POST OFFICE post offices @
2903 COMFORT INN hotels & motels ✓ @ 402-463-5252
3005 SPEEDY LUBE & CAR WASH auto rpr & serv ✓ @
402-462-8686
3101 FRONTIER FORD LINCOLN insurance ✓ @
402-463-3116
3203 BIG G ACE HARDWARE CO hardware-retail ✓ @
402-462-5181
U-HAUL truck renting & lease ✓ @ 402-463-6896
3803 COST CUTTERS beauty salons ✓ @ 402-463-3002
DAVID NAILS manicuring ✓ @ 402-463-5649
PAPA MURPHY'S TAKE 'N' BAKE pizza ✓ @
SUBWAY restaurants ✓ @ 402-462-4852
Tran Lisa ✓ [2] 402-463-6655
WALMART BAKERY bakers-retail ✓ @
402-463-0195
WALMART PHARMACY pharmacies ✓ @
402-462-6100
WALMART SUPERCENTER department stores ✓
402-462-6000
4103 GAMESTOP games & game suppl ✓ @
402-461-3222
1 B V LAUNDRY EXPRESS LLC laundries-self serv
✓ @ 402-462-8142
2 SALLY BEAUTY SUPPLY cosmetics & perfumes-
retail ✓ @ 402-461-8676
3 KING BUFFET restaurants ✓ @ 402-462-2891
6 SUPER CUTS beauty salons ✓ @ 402-463-8344
7 GNC vitamin & food supplements ✓ @
402-462-2450
8 RADIOSHACK electronic equip/supl-retail ✓ @
402-462-4906
• ZIP CODE 68901 CAR-RT R004

OSBORNE DR W Cont'd

4901 Robertson Alan L & Elizabeth K ✓ [6] ▲ (2009)
5003 Conant Raymond W & Luanne A ✓ [18] ▲ (1995)
402-463-5728
Sullivan Irma H ✓ [9] 402-463-0058
5803 HASTINGS SURGICAL CTR LLC surgical centers ✓
@ 402-462-5440
5807 COUNTRYMAN WEALTH ADVISORS financial
planning consultants ✓ @ 402-463-6769
6365 NATIONAL WEATHER SVC government- weather
agencies ✓ @ 402-462-4287
6475 KHAS tv stations & broadcasting co ✓ @
402-463-1321
8005 Nash Dorothy A ✓ [21] ▲ (1961) 402-462-9828
8595 Lounsbury Jerre L ✓ ▲ (1975) 402-463-7688
Lounsbury David J 402-463-7688
8601 Anderson Francis R ✓ [21] ▲ (1975) 402-463-133
Anderson Swede L 402-463-133
LAKOTA CONSTRUCTION SVC construction
companies ✓ @ 402-463-133
8609 Schmidt Brian M ✓ [3] ▲ (1994) 402-460-623
Schmidt Mandie 402-460-623
8613 Albers Eldon L & Verna E ✓ [39] ▲ (1999)
402-462-805
8719 Hartman James R Jr & Kim R ✓ @ [14] ▲ (2003)
402-462-926
8755 Kusek David D ✓ [9] ▲ (1995) 402-463-327
Kusek Karla K 402-463-327
9245 SOS PORTABLE TOILETS toilets-portable ✓ @
402-463-807

BUSINESSES 37 HOUSEHOLDS 1

OSWEGO AVE (HASTINGS)

+ W 3RD ST CONTINUES
• ZIP CODE 68901 CAR-RT C002
303 No Current Listing
309 Gundlach Walter J ✓ [45] ▲ (1955) 402-463-775
313 Stone Betty G ✓ [44] ▲ (1955) 402-463-360
318 Clemmons Kathleen M & Paul L ✓ @ [10] ▲ (1925)
402-462-731
+ W 4TH ST INTERSECTS
+ W 5TH ST INTERSECTS
507 Block Adam ✓ [32] ▲ (1950) 402-463-296
Block Daniel R 402-463-296
Wales Hollie L ✓ [17]
507 1/2 Strohmyer Katie ✓ [12] 402-463-72
514 Pool Marvin K & Paulette A ✓ [33] ▲ (1955)
402-463-44;
517 Hunt Jason J & Melissa A ✓ [16] ▲ (1952)
402-463-57;
518 No Current Listing
+ W 6TH ST INTERSECTS
603 Jisa Mary L ✓ [49] ▲ (1908) 402-463-76;
607 Minshew Bobby G Sr & Marion F ✓ [23] ▲ (1900)
402-463-29
+ W 7TH ST INTERSECTS
• ZIP CODE 68901 CAR-RT C004
721 Kindig Thomas J & Erin M ✓ [21] ▲ (1943)
+ BATEMAN AVE INTERSECTS
738 Dyer Lilly ✓ [6] ▲ (1955) 402-461-42
+ W 8TH ST INTERSECTS
• ZIP CODE 68901 CAR-RT C009
802 Neugin Scott L & Shannon A ✓ ▲ (1955)
402-834-06;
823 Powell Janet M ✓ [40] ▲ (1938)
Powell Jean M
+ BOYCE ST INTERSECTS
847 Schneider Scott L & Cheryl W ✓ @ [14] ▲ (1960)
402-463-31
+ W 9TH ST INTERSECTS
903 Apple Daniel C & Gale A ✓ [11] 402-463-10;
Bayles Peggy S ✓ [34] ▲ (1956) 402-461-45;
909 No Current Listing
910 Steiger Kris [7]
913 McKenna Justin M ✓ [2] ▲ (1955) 402-460-61;
916 Fitzke Bryce ✓ [2]
Fitzke Kelli
919 Rossen Shelli J ✓ ▲ (1955)
922 Andrews Aris J ✓ [8] ▲ (1965) 402-461-70;
Andrews Eris 402-461-70;
+ W 10TH ST INTERSECTS
1000 Overy William D & Michele A ✓ [8] ▲ (1964)
402-463-366
1003 Willey Patrick D ✓ @ [20] ▲ (1954) 402-461-32;
Willey Dianne M 402-461-32;
1004 Wendel Richard L & Rhonda M ✓ [37] ▲ (1965)
402-462-94;
1008 Kiolbasa Carol J ✓ [35] ▲ (1960) 402-463-52;
1009 Wray Jeanette R & Carl ✓ [29] ▲ (1957)
402-462-89;
1017 Helzer Louis Jr & Florence M [34] ▲ (1959)
1018 No Current Listing
1021 Herral Theresa H ✓ [2] ▲ (1955)
1022 No Current Listing
1025 Stjohn Steven J & Lisa L ✓ [12] ▲ (1963)
402-463-61;
+ HOME ST INTERSECTS
+ W 11TH ST INTERSECTS
1105 Plock Richard D & Mary L ✓ [18] ▲ (1965)
402-463-9

**US HWY 281(OSBORNE DR W) 2009**

OSBORNE DR W - E PARK ST	
<b>OSBORNE DR W Cont'd</b>	
5803 DUNGAN JR JOHN RUSSEL MD physicians & surgeons .....	402-462-5440
HASTINGS SURGICAL CTR LLC surgical centers .....	402-462-5440
6365 NATIONAL WEATHER SVC government- weather agencies .....	402-462-4287
6475 KHAS tv stations & broadcasting co ....	402-463-1321
8005 Nash Kenneth D [17] ▲ .....	402-462-9826
Nash Dorothy A .....	402-462-9826
8035 No Current Listing	
8595 Bumgardner Kyle R [5] ▲ Bumgardner Jennifer M	
8601 Anderson Belva L & Francis R [17] ▲ ....	402-463-1334
8609 Dillin Bruce J [15] ▲ .....	402-463-1786
8613 Albers Eldon L & Verna E [35] ▲ .....	402-462-8059
8719 Hartman James R Jr & Kim R [10] ▲ ....	402-462-9288
8755 Kusek David & Karla K [5] ▲ .....	402-463-3271
9135 281 TRUCK & TRAYLOR truck-dlrs-used .....	402-463-8737
9245 SOS PORTABLE TOILETS toilets-portable .....	402-463-8073
10005 Gartner David P Jr [18] ▲	
<b>BUSINESSES 26</b>	<b>HOUSEHOLDS 11</b>

**US HWY 281(OSBORNE DR W) 2004**

<b>OSBORNE DR E Cont'd</b>	
10005 Gartner David P Jr [14] ▲	
<b>BUSINESSES 12</b>	<b>HOUSEHOLDS 13</b>
<hr/>	
<b>OSBORNE DR W (HASTINGS)</b>	
• ZIP CODE 68901 CAR-RT R005	
2815 FIVE POINTS BANK banks .....	402-462-2228
2903 COMFORT INN hotels & motels ....	402-463-5252
3101 FRONTIER FORD LINCOLN MERCURY auto dlrs- new cars .....	402-463-3116
3203 BIG G RENTAL hardware-retail .....	402-462-5181
• ZIP CODE 68901 CAR-RT R004	
4555 Grothen Paul R & Jeanette M [20] ▲ ..	402-463-5269
5003 Conant Raymond W & Luann A [10] ▲	
6365 NATIONAL WEATHER SVC weather forecast serv .....	402-462-4287
6475 KHAS tv stations & broadcasting co	402-463-1321
8005 - 8035 No Current Listing (2 Hses)	
8601 LAKOTA CONSTRUCTION SVC genl contractors .....	402-463-9320
8609 Dillin Bruce J [11] ▲ .....	402-463-1786
8613 Albers Eldon L & Verna E [20] ▲ .....	402-462-8059
8719 Hartman James R Jr & Kimberly R [4] ▲ .....	402-462-9288
8755 Sullivan Chris A & Melinda M [9] ▲ ..	402-462-8755
9135 BUY RIGHT TRUCK SALES truck-dlrs-used .....	402-463-8737
10005 No Current Listing	
<b>BUSINESSES 8</b>	<b>HOUSEHOLDS 9</b>
<hr/>	
<b>OSBORNE DR W (HASTINGS)</b>	

US HWY 281(OSBORNE DR W) 1999

<b>S OSAGE AVE (A)</b> <i>cont'd</i>	<b>OSBORNE DR W (H)</b> <i>cont'd</i>
Fredricks Susan E.....463-8228	2903 COMFORT INN hotels & motels.....463-5252
10330 Gerloff Paul W [3].....756-6571	3203 McLain Gordon [3].....463-4429
Gerloff Viola B.....756-6571	SHOPKO STORE department stores.....463-4702
10660 Gerloff Michael P & Rebecca [3]	<b>ZIP CODE 68901 CAR-RT R004</b>
11350 Peterson Douglas D	4555 Grothen Paul R & Jeanette [3] ▲
Peterson Barbara A	5003 Conant Raymond W & Luann [5] ▲
11735 Fischer Curt D & Michelle [4]	5003 Conant Raymond W & Luann [5] ▲
14480 Schulz Roger A.....756-2300	6475 K H A S-T V tv broadcastg stns.....463-1321
15080 Not Verified	8005 Nash Kenneth D & Dorothy [2]+ ▲
16355 Classen Joan M & Keith [2] ▲	8035 Graham Richard K.....462-9826
.....756-3733	8609 Dillin Bruce J [3] ▲.....462-2745
HOUSEHOLDS 8	Dillin Karen L.....463-1786
<b>S OSAGE AVE (HASTINGS)-</b>	8755 Sullivan Chris A & Melinda [2] ▲
<b>ZIP CODE 68901 CAR-RT R001</b>	.....462-8755
4880 Coats Renee L [2] ▲.....462-6660	10005 Gartner David P Jr [7] ▲.....744-2038
Duden Marie E.....751-2634	Gartner Sherry C.....744-2038
6225 Grothen Dennis W & Leta [2]+ ▲	BUSINESSES 4 HOUSEHOLDS 8
.....751-2575	<b>OSWEGO AVE (HASTINGS)-FROM 1799 W</b>
Noonan Thomas J [2]	<b>3RD ST NORTH</b>
Noonan Janet	<b>ZIP CODE 68901 CAR-RT C002</b>
6665 MC LEOD WILLIAM corn.....751-2752	303 Holmberg Michelle M ▲.....462-8248
6695 Byerly Darrel L [2]+	Holmberg Shelley M.....462-8248
Byerly Betty	Kamper Timothy J ▲
Nitzel Jeffery D.....751-2394	309 Not Verified
Shurter Michael W.....751-2394	313 Stone Kenneth L & Betty [2]+ ▲
Shurter Niki J.....751-2394	.....463-3601
6900 Davis Leland R	318 Munroe Mildred B [2]+ ▲.....462-6324
Davis Ruby J	<b>+ W 4TH ST INTERSECTS</b>
Horton James R & Sheila [3].....751-2479	<b>+ W 5TH ST INTERSECTS</b>
7110 Nienhueser Darrin.....751-2574	507 Block Sherry M [2]+ ▲.....462-4995
BUSINESSES 1 HOUSEHOLDS 10	514 Pool Marvin K & Paulette [2]+ ▲
<b>S OSAGE AVE (JUNIATA)-</b>	.....463-4428
<b>ZIP CODE 68955 CAR-RT R001</b>	517 Hunt Jason J ▲.....463-5758
985 Kully Arlene ▲.....751-2422	518 Pierce Helen M [2]+ ▲.....462-5576
1025 Kubicka Thomas C II & Melissa [2]+ ▲	<b>+ W 6TH ST INTERSECTS</b>
.....751-2751	603 Jisa Leonard M & Mary [2]+ ▲.....463-7669
1465 Hrnchir Robert H [2].....751-2500	607 Minshew Bobby G & Marion [2]+ ▲
HOUSEHOLDS 3	.....463-2913
<b>OSBORNE DR E (HASTINGS)-</b>	<b>+ W 7TH ST INTERSECTS</b>
<b>ZIP CODE 68901 CAR-RT R004</b>	<b>ZIP CODE 68901 CAR-RT C004</b>
2201 GARDEN CAFE THE eating places	721 Kindig Thomas J & Erin [2] ▲.....463-0007
.....463-8387	<b>+ BATEMAN AVE INTERSECTS</b>
Gibson Shawn T ▲	738 Mans Troy.....461-4589
2205 HOLIDAY INN hotels & motels 463-6721	<b>+ W 8TH ST INTERSECTS</b>
2411 BRAD'S MARINE boat dealers 463-0738	<b>ZIP CODE 68901 CAR-RT C009</b>
2424 U S A INNS AMERICA OF HASTINGS	823 Powell Janet M [2]+ ▲.....463-5376
hotels & motels.....463-1422	<b>+ BOYCE ST INTERSECTS</b>
2750 SPADY JERRY PONTIAC CADILLAC	847 Kulhanekkyes Terri L
new used car dirs.....463-4000	Kyes Chad A & Terri [2] ▲.....463-9400
2800 GREAT PLAINS CHRYSLER	849 Not Verified
PLYMOUTH new used car dirs.....463-3104	<b>+ W 9TH ST INTERSECTS</b>
3000 WAL-MART STORE department stores	903 Bayles Nancy W [2]+ ▲.....461-4567
.....462-6000	Bayles Peggy S.....461-4567
3206 Ground Debra L [2]+ ▲	909 Mefford Donald L [2]+ ▲.....462-6249
3210 Laux Wayne R [2] ▲.....463-6481	Mefford Joyce E.....462-6249
Laux Genevieve M.....463-6481	910 Blomquist Marilyn K [5] ▲
3600 Kawmy Karim F [2] ▲	913 Kopecky Robert L [2]+ ▲.....463-1006
Yost John G & June [2]+ ▲.....462-6981	Kopecky Pamela J.....463-1006
3604 Kraus Mary F [2].....461-3337	916 Esser Tina
3800 PEPSI COLA BOTTLING CO OF	Karr Darren A.....463-0670
HASTINGS grcrs rlted prds.....462-8131	919 Not Verified
4900 Adam George M & Colleen [2]+ ▲	922 Dye Randy L [2]+ ▲.....462-5487
5130 Thom James L [2] ▲.....463-5108	Dye Mary J.....462-5487
Thom Jean M.....463-5108	<b>+ W 10TH ST INTERSECTS</b>
7810 Svoboda Enos & Jeanette [2].....463-8133	1000 Moser Garold D & Coralee [2]+ ▲
8908 Uden Richard D [2]+.....463-8172	.....462-2617
Uden Delma G.....463-8172	1003 Willey Dianne M [2]
8910 Musil Lonnie D & Dianne ▲	Willey Patrick D
9090 Shafer Clayton D & Jackie [2]+ ▲	1004 Wendel Richard L & Rhonda [2]+ ▲
.....463-8508	.....462-9454
9150 Rector Gaylen D & Susan [2]+ ▲	1008 Kiolbasa Carol J [2]+ ▲.....463-5272
.....463-4626	1009 Wray Jeanette R [2]+ ▲.....462-8951
9220 WILLIAMS SHOP spcl trd cntrs	Wray Carl L.....462-8951
.....463-8020	1017 Helzer Louis Jr & Florence [2]+ ▲
BUSINESSES 9 HOUSEHOLDS 13	1018 Waits Harrell L & Jacqueline [2]+ ▲
<b>OSBORNE DR W (HASTINGS)-FROM 245 N</b>	.....463-9509
<b>SHORE DR NORTH</b>	1021 Lomax Robert K & Francine [2]+ ▲
<b>ZIP CODE 68901 CAR-RT R005</b>	.....461-3650
2900 PRAIRIE RIDGE CONCESSIONS eating	
places.....463-6696	

**US HWY 281(OSBORNE DR W) 1994**

**22**

**HIGHWAY 281 NORTH -FROM  
OVERPASS AT NORTH 18TH ST AND N  
SHORE DR**

**• ZIP CODE 68901**

2411 BRAD'S MARINE boat sls & serv  
463-0738

2412 BYCO FUELS self serv credit cd gas sta

• U S HWY 6 BY PASS RD INTERSECTS

2424 U S A INNS motel 463-1422

• U S 281 BY PASS RD INTERSECTS

2750 SPADY JERRY PONTIAC-CADILLAC-G  
M C-TRKS-JEEP EAGLE new-used  
cars 463-4000

2800 GREAT PLAIN CHRYSLER PLYMOUTH  
& DODGE auto dlrs 463-3104

3000 WALMART discount retail dept store  
462-6000

6 BUSINESSES

**23**

**HIGHWAY 281 S -**

**US HWY 281(OSBORNE DR W) 1989**

Public Power light heat &  
power 463-7235

---

**22**

**HIGHWAY 281 NORTH  
-FROM OVERPASS AT  
NORTH 18TH ST AND N  
SHORE DR**

ZIP CODE 68901

2411 Brad's Marine boat sls &  
serv 463-0738

2424 USA Inns motel 463-1422

2800 Great Plains Chrysler &  
Plymouth car sls & serv  
463-3104

---

**23**

US HWY 281(OSBORNE DR W) 1984

power 463-7235

22

HIGHWAY 281 NORTH  
—FROM OVERPASS AT  
NORTH 18TH ST AND N  
SHORE DR

ZIP CODE 68901

1 Johnson Concrete Products Co  
Inc 463-1359

00

**US HWY 281(OSBORNE DR W) 1979**

**power 463-7230**

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**22**

**HIGHWAY 281 NORTH  
—FROM OVERPASS AT  
NORTH 18TH ST AND N  
SHORE DR**

**1 Johnson Concrete Products Co  
Inc 463-1359**

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**Appendix D:**  
**Photographs**



North adjoining property



Assessment site from the northern edge of the property



West adjoining property



assessment site from the western edge of the property



South adjoining property



Assessment site from the south edge of the property



East adjoining property



Assessment site from the eastern edge of the property



Brick cistern



Shed with entrance to a storm cellar



Pole-mounted transformers



AST, motor and oil for irrigation well



Irrigation well with some soil staining.

**Appendix E:**  
**Questionnaires**



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**User Phase I Environmental Site Assessment Questionnaire**

Questions		Answers	
		No	Yes (If yes, explain)
1.	Are you aware of any environmental cleanup liens against the Property that are filed or recorded under federal, tribal, state, or local law?	X	
2.	Are you aware of any activity and land use limitations, 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?		Well head protection area
3.	As the user of the Phase I ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	X	
4.	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of a release or threat of a release?	X	
5.	As the user of this Phase I ESA, based on your knowledge and experience related to this property, are there any obvious indicators that point to the presence or likely presence of contamination at the property.	X	
6.	Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Yes	No (If no, please explain)
		X	



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PHASE I ESA QUESTIONNAIRE (con't)

7. What was the past use of the property? agricultural  
use

8. Do you know of specific chemicals that are present or were once present on-site?

(If yes, please explain) No, I would

imagine common fertilizers & pesticides  
herbicides are used in farming operations

9. Do you know of spills or other chemical releases that have taken place on the property?

(If yes, please explain) No

10. Do you know of any environmental cleanups that have taken place at the property?

(If yes, please explain) No

Signature Information

Print Name: David L. Wacker

Title: City Engineer

Firm: City of Hastings

Address: 220 N Hastings Ave.

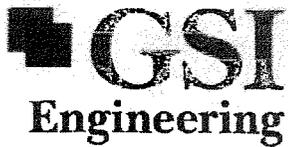
Hastings, Nebraska 68901

Phone: 402 461 2330 Date: 5/16/2013

Authorized Signature: David L. Wacker

**Owner Phase I Environmental Site Assessment Questionnaire**

	QUESTIONS	Yes	No	Unk.	If Yes, Please Explain
1.	Currently, is the property or any adjoining property used for an industrial use?	✓			N 1/2 of adjacent property has Kinder Morgan facility (less than 1 acre)
2.	Previously, has the property or any adjoining property been used for an industrial use?		✓		
3.	Currently, is the property or adjoining properties used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard, landfill, or as a waste treatment, storage disposal, processing or recycling facility?		✓		
4.	Previously, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage disposal, processing or recycling facility in the past.		✓		
5.	Are there currently or previously been any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility.		✓		
6.	Are there currently or previously been any industrial drums [typically 55 gal (208L)] or sacks of chemicals located on the property or at the facility.	✓			1,000 gallon diesel tank for pivot
7.	Has fill dirt been brought onto the property that originated from a contaminated site or of unknown origin?		✓		
8.	Are there currently or previously been any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?		✓		
9.	Are there currently or previously been any stained soil on the property?		✓		
10.	Are there currently or previously been any registered or unregistered storage tanks (above or underground) located on the property?	✓			1,000 gallon diesel tank for pivot (see # 6)
11.	Are there currently or previously been any vent pipes, fill pipes or access ways indicated a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		✓		



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QUESTIONS		Yes	No	Unk.	If Yes, Please Explain
12.	Are there currently or previously been any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?		✓		
13.	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system exceeding guidelines applicable to the water system or has the well been designated as contaminated by any governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		✓		
14.	Do you have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		✓		
15.	Have you been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?		✓		
16.	Do you have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	✓			1,000 gallon diesel tank for pivot. in good condition.
17.	Do you know of any past, threatened or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		✓		
18.	Does the property discharge wastewater on or adjacent to the property other than stormwater into a sanitary sewer system?		✓		
19.	To the best of your knowledge, have any hazardous substances, petroleum products, unidentified waste materials, tires, auto or industrial batteries or any other waste materials been dumped above grade, buried or burned on the property?		✓		
20.	Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCB's?		✓		





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### SITE QUESTIONNAIRE

**Proposed Central Nebraska Replacement Veterans Home  
 Northeast Corner of US Hwy 281 & Lochland Road  
 Hastings, Nebraska** **GSI Project No. 135078**

GSI Engineering (GSI) was recently hired to perform a Phase I Environmental Site Assessment (ESA) on the referenced property. GSI follows the general conditions and limitations of ASTM E 1527-05 for Phase I ESAs. This standard requires that local health officials be contacted. GSI is requesting that this questionnaire be completed and answered to the best of your knowledge. If you answer a question "yes", please comment to the side as to what facet is being answered. If you feel that any additional comments need to be made, please attach them on an additional sheet of paper. Please return to GSI upon completion. GSI appreciates your assistance in obtaining information associated with the subject site. If you have any questions, feel free to contact Carrie Thomas at 308.381.1987 or cthomas@gsinetwork.com.

Questions	Answers	
	No	Yes (If yes, explain)
Does your agency have any reports/complaints been filed of illegal dumping or releases associated with hazardous substances at the above-referenced site and/or adjacent properties?	No	
Does your agency have any reports on file that might cause a health concern at this site or the adjacent properties?	No	
Is your agency aware of any buildings that are being used for industrial purposes that might cause contamination in the area?	No	
Does your agency have any specialized knowledge or experience related to the property or nearby properties?	No	

**Signature Information**

Print Name: Jeremy Groves

Title: Environmental Engineering Assistant

Agency: City of Hastings

Address: 220 N Hastings Ave Hastings, NE 68901

Phone: 402-461-2339 Date: 5-16-13



A division of Akt &amp; Wittig Engineering

## SITE QUESTIONNAIRE

**Proposed Central Nebraska Replacement Veterans Home  
Northeast Corner of US Hwy 281 & Lochland Road  
Hastings, Nebraska**

GSI Project No. 135078

GSI Engineering (GSI) was recently hired to perform a Phase I Environmental Site Assessment (ESA) on the referenced property. GSI follows the general conditions and limitations of ASTM E 1527-05 for Phase I ESAs. This standard requires that local fire officials be contacted. GSI is requesting that this questionnaire be completed and answered to the best of your knowledge. If you answer a question "yes", please comment to the side as to what facet is being answered. If you feel that any additional comments need to be made, please attach them on an additional sheet of paper. Please return to GSI upon completion. GSI appreciates your assistance in obtaining information associated with the subject site. If you have any questions, feel free to contact Carrie Thomas at 308.381.1987 or cthomas@gsinetwork.com.

Questions	Answers	
	No	Yes (If yes, explain)
Has there ever been a fire at the above-referenced site and/or adjacent properties?	X	This is an agricultural site and we have no information in our data base without a building address - Farmstead has be gone a number of yrs.
Does your agency have any reports/complaints on file of illegal dumping or releases associated with hazardous substances at the above-referenced site and/or adjacent properties?	X	
Does your agency have any reports on file that might cause a health concern at this site or the adjacent properties?	X	
Is your agency aware of any buildings that are being used for industrial purposes that might cause contamination in the area?	X	
Does your agency have any specialized knowledge or experience related to the property or nearby properties?	X	

## Signature Information

Print Name:

Linda Waldron

Title:

Fire Prevention Officer

Agency:

Hastings Fire &amp; Rescue

Address:

1313 N Hastings Ave

Hastings NE. 68901

Phone:

402-462-7155

Date:

5-17-13

**Appendix F:**  
**Qualifications**



# Carrie A. Thomas Environmental Scientist

## Education

B.S., Biology  
Doane College  
Crete, Nebraska

## Professional Experience

Geotechnical Services, Inc.  
Grand Island, Nebraska  
2002-Present

## Training

40-Hour OSHA HAZWOPER  
Certification

8-Hour OSHA HAZWOPER  
Refresher

American Red Cross  
CPR/AED – Adult

American Red Cross Standard  
First Aid

Redeveloping Nebraska:  
Brownfields Tools and Funding  
Training

Phase I and Phase II Environmental  
Site Assessment for  
Commercial Real Estate  
Technical & Professional  
Training

## Licensure/Certification

State of Nebraska Water Well  
Monitoring Technician (79438)



## Professional Background

Ms. Thomas is responsible for planning, conducting, and managing environmental projects for GSI's Grand Island office. Her experience includes Risk-Based Corrective Action (RBCA) Site Investigations, Tier I, Tier II, and Phase I and Phase II Environmental Assessments. Ms. Thomas has aided in soil and groundwater remediation projects. She also has a background in soil and groundwater sampling and monitoring.

Ms. Thomas has performed work for a variety of clients, including state and federal agencies, legal firms, developers, financial institutions, petroleum distributors, and other consulting firms. Sites Ms. Thomas has worked on include retail service stations, fertilizer plants, grain elevators, construction sites, and manufacturing facilities.

## Project Related Experience

- **Leaking Underground Storage Tank Assessments, Scottsbluff, Lexington, Grand Island, Seward, and Omaha, Nebraska**  
Responsible for project management, conducting field drilling and sampling activities, conducting periodic groundwater sampling, free product removal, analyzing laboratory analysis, preparing reports and designing remedial action plan.
- **Remedial System Operations and Maintenance, Various Sites in Nebraska**  
Responsible for performing maintenance activities at various soil vapor extraction units and groundwater remediation systems.
- **Initial Site Assessment (Step 6)/Detailed Site Assessment (Step 7), Grand Island, Nebraska**  
Responsible for project management, conducting field drilling/geoprobing and sampling activities, analyzing laboratory analysis, and preparing reports.
- **Phase I Environmental Assessment, Ord, Nebraska**  
Responsible for project management, researching and compiling regulatory and historical records, conducting field activities, and preparing reports.
- **Phase II Limited Subsurface Investigation, Grand Island, Nebraska**  
Responsible for project management, conducting field activities, researching and compiling regulatory and historical records, interpreting data, analyzing laboratory analysis, and preparing reports.



# J. Fred Jones, P.E., CHMM

## Executive Vice President, Principal Engineer

### Education

B.S., Civil Engineering, University of Nebraska 1985

B.S., Business Administration, Creighton University, 1970

### Professional Experience

Geotechnical Services, Inc.  
Grand Island, Nebraska  
1996-Present

Geotechnical Services, Inc.  
Omaha, Nebraska  
1985-1991, 1993-1996

Griffin Remediation Services, Inc.  
Omaha, Nebraska  
1991-1993

### Registrations

Nebraska P.E.  
Kansas P.E.

Certified Hazardous Materials  
Manager (CHMM)

### Training

40-Hour Hazardous Waste Site  
Operations Training Course

8-Hour Hazardous Waste Health  
and Safety Refresher Course

Department of Engineering  
Professional Development, College  
of Engineering, University of  
Wisconsin-Madison, Designing Air-  
Based Insitu and Ground Water  
Remediation Systems

International Network for  
Environmental Training –  
Bioremediation Engineering Design  
and Applications

USEPA Quality Assurance Training,  
Systematic Planning  
Process/Quality Assurance  
Project Plans

The Remediation Course –  
Princeton Groundwater, Inc.

2009 International Conference on  
Soils, Sediments, Water and  
Energy, University of  
Massachusetts Amherst. Focus on  
Insitu chemical oxidation (ISCO)  
and sustainable remediation



### Professional Background

Mr. Jones' 25 years of environmental engineering experience includes a broad range of assessments and remediation. From 1996 to 2006, Mr. Jones managed the GSI Grand Island office. In March 2006, Mr. Jones became manager of GSI's Nebraska operations, including the Omaha, Lincoln, and Grand Island offices. In 2009, Mr. Jones turned over office management responsibilities and currently focuses on project work, principally design and installation of soil and groundwater remediation systems.

Environmental projects include Phase I and Phase II assessments, RCRA Facility Investigations, Corrective Measures Plans, underground storage tank investigations, design and installation of soil and groundwater remediation systems, landfill investigation, SPCC Plans, and septic system designs.

Since 2001, Mr. Jones has been the Contract Administrator for GSI's contract with the NDEQ Petroleum Remediation Section for state lead sites (ERCS/SPARC contract #043955).

### Project Related Experience

- **NDEQ ERCS/SPARC Contract (043955)**  
Contract Administrator for the ERCS/SPARC contract from 2001 to 2010. Work under the contract includes Tier 1 and Tier 2 risk based corrective action (RBCA) site assessments, supplemental assessments for developing criteria for remedial action, emergency response actions, and the design, installation, and operation of soil and groundwater remediation systems. Mr. Jones coordinates the activities of the GSI Grand Island and Omaha offices for the contract.
- **RCRA Facility Investigation (RFI) and Corrective Measures (CM) - Laundry/Dry Cleaners**  
Project Manager for a Region VII EPA lead investigation of a release of chlorinated hydrocarbons from a dry cleaning facility, which impacted a nearby city well field and water treatment plant. The RFI included re-development and sampling of existing groundwater monitoring wells, installation of new wells, soil sampling in and around the dry cleaning facility, a direct push investigation to delineate the groundwater plume, indoor air sampling of nearby businesses, and extensive inventory of all existing water wells within the project area. Mr. Jones developed a Corrective Measures Work Plan, managed the corrective measures study and has submitted a Corrective Measures Report to the EPA project manager. Mr. Jones also prepared a Quality Assurance Project Plan, and Sampling and Analysis Plan for the project.
- **Remedial Excavation, Soil Vapor Extraction (SVE) and Air Sparge (AS) Remediation System, Central City, NE**  
Project manager and design engineer for a combination remedial excavation and SVE/AS system at a former storage tank site. The new site owners planned to demolish the existing building and build a new bank. Mr. Jones worked with the new owners, the general contractor,

demolition contractor, City of Central City and the NDEQ Project manager to coordinate the work. The over-excavation was completed after building demolition and prior to construction of the new building. SVE and AS wells were installed after preliminary grading was done for the new construction. The remedial equipment and monitor wells will be installed after final grades have been established (spring 2011). GSI also conducted a Tier 1, Tier 2, and free product delineation assessment. GSI also worked with the NDEQ solid waste section to establish a temporary storage area for excavated soil. Excavated soil was finally delivered to a landfill permitted to accept special waste.

Approximately 5,000 cubic yards of soil was removed, with the excavation extending about 4 feet below the static groundwater level. Dewatering was required to excavate below the groundwater table. GSI obtained permission from the City of Central City to discharge groundwater into their sanitary sewer system.

- **Former Foote Oil, Hastings, NE (SPARC Project)**

The former Foote Oil service station lies within the Hastings Groundwater Contamination Superfund site, and directly downgradient from one of the source areas (a former coal gas plant). Ethylene dibromide (EDB), one of the contaminants identified with the coal gas site was also found in leaded gasoline. EPA asked the NDEQ to investigate the Foote Oil site as a possible EDB source area. Mr. Jones worked directly with the NDEQ under the SPARC contract. The investigation included installation of groundwater monitoring wells, shallow soil sampling beneath and around the existing building, and collecting soil gas samples around the existing building. GSI developed work plans, and conducted the investigations. GSI subcontracted a direct push rig and on-site lab was used for analysis of soil gas samples.

- **Groundwater Remediation – Village of Davenport, NE**

Project manager and system designer for a petroleum hydrocarbon cleanup of groundwater using SVE and AS. A former petroleum bulk plant was located within 100 feet of a municipal well. Mr. Jones worked with the village board, village attorney, adjacent land owners and the NDEQ project manager to obtain permission and village support for the installation. This involved attending several village board meetings.

GSI used equipment from other closed remediation sites to construct the SVE/AS system. 33 SVE wells and 19 AS wells were installed to approximately 110 feet below surface. One combination SVE/AS system and one SVE only system were installed at the site. GSI conducts operation, maintenance, and groundwater monitoring at the site.