

# **Phase I Environmental Site Assessment**

**Fremont Technology Park  
2800 N Yager Road  
Fremont, Dodge County, Nebraska**

*Prepared for:*

**Greater Fremont Development Council  
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## Acronyms and Abbreviations

AAI.....	All appropriate inquiry
AIRS.....	Aerometric information retrieval system
ASTM.....	American Society for Testing and Materials
AST.....	Aboveground storage tank
AUL.....	Activity and use limitation
BGS.....	Below ground surface
CERCLA.....	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS.....	CERCLA Information System
CESQG.....	Conditionally exempt small quantity generator
CFR.....	Code of Federal Regulations
CORRACTS.....	Corrective Action Sites
CREC.....	Controlled recognized environmental condition
EPA.....	U.S. Environmental Protection Agency
ERNS.....	Emergency Response Notification System
ESA.....	Environmental Site Assessment
FINDS.....	Facility Index System
HREC.....	Historical recognized environmental condition
LAST.....	Leaking aboveground storage tank
LQG.....	Large quantity generator
LUST.....	Leaking underground storage tank
MCL.....	Maximum contaminant level
MSDS.....	Material safety data sheet
NFA.....	No further action
NFRAP.....	No further remedial action planned
NGVD.....	National Geodetic Vertical Datum
NonGens.....	No longer generates hazardous waste
NOV.....	Notice of violation
NPL.....	National priorities list
NRCS.....	U.S. Natural Resource Conservation Service
PCB.....	Polychlorinated biphenyl
RCRA.....	Resource Conservation and Recovery Act
REC.....	Recognized environmental condition
SHWS.....	State hazardous waste site
SQG.....	Small quantity generator
TRI.....	Toxic release inventory
TSDF.....	Treatment, storage, and disposal facility
TSCA.....	Toxic Substances Control Act
USGS.....	U.S. Geological Survey
UST.....	Underground storage tank
VCP.....	Voluntary cleanup program

## Units of Measure

ft<sup>2</sup> .....square feet  
mg/kg.....milligrams per kilogram  
mg/L .....milligrams per liter  
µg/L .....micrograms per liter  
ppb .....parts per billion  
ppm .....parts per million

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## 1. Summary

Olsson Associates (Olsson) was retained by the Greater Fremont Development Council to perform a Phase I Environmental Site Assessment (ESA) for the Fremont Technology Park located at 2800 N Yager Road in Fremont, Dodge County, Nebraska (hereinafter referred to as the "Property"). Olsson has performed this Phase I ESA in conformance with the scope and limitations of the American Society for Testing and Materials Practice E1527-13 (ASTM E1527-13). A summary of the ESA findings based on a review of historical records, regulatory databases, site reconnaissance, and interviews is as follows:

The following findings were identified from review of historic records, regulatory databases, site reconnaissance, or interviews.

- This Phase I did not identify any RECs.
- Two abandoned water wells were observed on the Property. They do not represent a REC. Due to their condition, they should be repaired, to meet Nebraska Water Well Standards, or decommissioned.

## 2. Introduction

The Fremont Technology Park is located at 2800 N Yager Rd in Fremont, Dodge County, Nebraska (hereinafter referred to as the "Property"). A Vicinity Map depicting the Property location reproduced from a portion of the applicable USGS 7.5-minute series topographic maps is included in Appendix A.

### 2.1 Purpose of the Environmental Site Assessment

This ESA was prepared in a manner consistent with the E1527-13 procedures. The purpose of the ESA is to assist the Greater Fremont Development Council (GFDC, also referred to as "User" or "Client") in developing information to identify Recognized Environmental Conditions (RECs) in connection with the Property as defined by the ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The intent of the ESA is to assist the User in achieving an innocent landowner defense through the completeness of "all appropriate inquiry" (AAI) under Section 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, 42 U.S.C. 9607), as modified by the Brownfields Amendment.

ASTM E1527-13 defines a REC as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a Property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not considered recognized environmental conditions.

ASTM E1527-13 also utilizes the term historical recognized environmental condition (HREC) to describe a past release of any hazardous substances or petroleum products that has occurred in connection with the Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). In subsequent updates or revisions to a Phase I ESA, conditions initially identified as HRECs may be considered RECs if there has been a change in the regulatory criteria since the past release received closure approval.

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

## 2.2 Scope of Services

The ESA scope of services was undertaken through a review of: regulatory databases; historical and physical record resources; interviews as applicable; User-provided information, and; visual noninvasive reconnaissance of the Property and adjoining properties. Any limitations, ASTM E1527-13 deviations, or significant data gaps are presented in the report text.

## 2.3 Limitations and Exceptions

This ESA is not to be construed as legal interpretation or advice. We have endeavored to meet the ASTM E1527-13 standard, but we may have been limited by property conditions or by the inability to review information not received by the report date. An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report.

No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of an ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the User of this report formulates opinions as to risks associated with the Property or otherwise uses the report for any other purpose.

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, business environmental risk evaluations, or other services not particularly identified and discussed herein. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

## 2.4 User Reliance

The Greater Fremont Development Council, City of Fremont, Greater Omaha Economic Development partnership and future clients of these entities may rely on the findings and conclusions of this report. If the ESA will be used by a different (third) party other than those parties for whom the ESA was originally prepared, the third party must also satisfy the User's responsibilities in Section 6 of ASTM E1527-13. The effective date of the report is November 14, 2014, the date when the database report was completed. Continued viability of the ESA is contingent on terms set forth in ASTM E1527-13 Sections 4.6 and 4.8.

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## 3. User-Provided Information

The following information in Sections 3.1 through 3.6 was provided by the User in order to assist in the identification of RECs. A copy of the User-provided information is presented in Appendix B.

### 3.1 Environmental Liens or Activity and Use Limitations

Recorded land title records and lien records were provided by the User. These records are used to determine if there are any environmental liens or activity and use limitations (AULs) in connection with the Property. A review of these records did not identify any environmental liens or AULs encumbering the Property or in connection with the Property.

### 3.2 Specialized Knowledge

Mr. Zetterman was not aware of any specialized knowledge or experience that is material to RECs in connection with the Property. He was not aware of any obvious indicators that point to the presence or likely presence of contamination at the Property.

### 3.3 Commonly Known or Reasonably Ascertainable Information

The User representative was not aware of any commonly known or reasonably ascertainable information within the local community about the Property that is material to RECs in connection with the Property. He indicated the Property has previously been used for farming.

### 3.4 Valuation Reduction for Environmental Issues

Purchase prices that are significantly lower than market value may indicate the presence of hazardous substances or petroleum products. The User representative indicated that the purchase price is not applicable. The ESA is being completed to fulfill requirements for obtaining Go! Ready! site certification status from the Greater Omaha Economic Development Partnership and to provide all possible documentation to future prospects for proof of a truly shovel-ready site.

### 3.5 Obvious Indicators of Presence or Absence of Contamination

The User representative was not aware of obvious indicators regarding the presence or likely presence of releases or threatened releases at the Property.

### 3.6 Other Information

A Drainage Report and 404 Permit were provided by the User for this assessment. The additional information did not identify any RECs for the Property. This information is included in Appendix B.



## 4. Property Description

### 4.1 Location

The Property is located at 2800 N Yager Road in Fremont, Dodge County, Nebraska. The Property parcel number is 270129150. A Vicinity Map depicting the Property location reproduced from a portion of the applicable USGS 7.5-minute series topographic map is included in Appendix A.

### 4.2 Property and General Vicinity Characteristics

The Property and vicinity setting is generally characterized agricultural property.

**Property Description and Physical Setting**

<b>Property Name</b>	Fremont Technology Park	
<b>Property Location/Address</b>	2800 N Yager Road, Fremont, Dodge County, Nebraska	
<b>Land Area</b>	Approximately 84 acres	
<b>Property Improvements</b>	The Property is improved with two utility buildings and a crushed rock road on the west side. The remainder of the Property is unimproved agricultural land.	
<b>Potable Water Provider</b>	City of Fremont	
<b>Sanitary Sewer Provider</b>	City of Fremont	
<b>PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA</b>		<b>SOURCE</b>
<b>Topography</b> (Refer to Appendix A for an excerpt of the USGS Topographic Map)		
Property Elevation	1,183 feet (NGVD)	U.S. Geological Survey (USGS) 7.5-Minute Topographic Map, Fremont East, Nebraska, 1968.
Groundwater Flow Direction *	East	
Surface Runoff/Topographic Gradient	East	
Closest Surface Water	Rawhide Creek, adjacent to the south property boundary and Unnamed Tributary of Rawhide Creek, adjacent to north property boundary.	

\* The hydrogeologic gradient is not known but is inferred as parallel to topographic gradient in the immediate Property vicinity. The regional groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the Property cannot be directly ascertained.

## 5. Property and Adjoining Property Reconnaissance

The following sections describe the Property and adjoining property features noted during Olsson’s site reconnaissance on November 14, 2014.

### 5.1 Reconnaissance Methodology and Limiting Conditions

Information contained in this section is based on Olsson’s visual reconnaissance of the Property and adjoining properties, interviews, and other references discussed throughout this report. Observation of the Property surface features was not restricted at the time of the reconnaissance; therefore, limiting conditions which would otherwise represent a data gap were not encountered. Olsson observed the adjacent property features from readily accessible areas (property boundaries). Photo documentation of representative features observed during the Property reconnaissance is provided in Appendix C.

### 5.2 Current Property Use

The Property is improved with two utility buildings and a crushed rock road on the west side. The remainder of the Property is unimproved agricultural land. The Property is accessed via N Yager Road.

### 5.3 Property Reconnaissance

Features noted during Olsson’s property reconnaissance are designated by an “X” in the following table. Paragraphs following the summary table discuss the reconnaissance observations in greater detail.

Category	Item or Feature	Observed
<b>Site Operations, Processes, and Equipment</b>	Emergency generators	X
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Other processes or equipment	
<b>Aboveground Petroleum or Chemical Storage</b>	Aboveground storage tanks (AST)	
	Drums, barrels and/or containers ≥ 5 gallons	X

Category	Item or Feature	Observed
<b>Underground Petroleum or Chemical Storage, or Waste and Drainage Collection Systems</b>	Evidence of underground storage tanks (UST) or ancillary UST equipment	
	Floor drains, sumps, or storm water drains	
	Cisterns or sand traps	
	Oil/water separators	
	Septic tanks and/or leach fields	
	Grease traps	
<b>Equipment Containing Potential Polychlorinated Biphenyls (PCBs)</b>	Pad or pole-mounted electrical transformers and/or capacitors	X
	Other equipment	
<b>Potential Release Sources and/or Indicators</b>	Stressed vegetation	
	Stained soil or pavement	
	Strong, pungent, or noxious odors other than that associated with property processes	
	Surface water discoloration, odor, sheen, and/or floating free product	
	Dumped trash, construction or demolition debris, fill dirt, artificial fill, or disposal areas	X
	Exterior pipe discharges and/or other effluent discharges	
	Leachate and/or waste seeps	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Material safety data sheets (MSDS)	
<b>Other Notable Property Features</b>	Pits, ponds, or lagoons	
	Pipeline markers	X
	Wells – irrigation, dry, monitoring, or abandoned	X
	Other features	

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### 5.3.1 Site Operations, Processes and Equipment

#### Emergency Generators

One emergency generator was observed on the Property. The equipment is associated with one of utility buildings. There were no signs of contamination or leaks on or around the equipment. The utility provider has the responsibility of maintaining the equipment. Based on observations, the generator does not represent a REC for the Property.

### 5.3.2 Aboveground Chemical Waste or Waste Storage

#### Drums, barrels and/or containers $\geq$ 5 gallons

Several 55-gallon drums were observed on the adjacent property, to the south. The location of the drums is cross gradient and at a lower elevation than the Property, therefore this does not represent a REC for the Property.

### 5.3.3 Equipment Containing Potential Polychlorinated Biphenyls (PCBs)

#### Pad or Pole-mounted Electrical Transformers and/or Capacitors

One pole-mounted transformer and one pad-mounted transformer were observed on the south and west side of the Property. The pole-mounted transformer was not labeled indicating whether the transformer contained PCBs. The pad-mounted transformer was labeled as not containing PCBs. The City of Fremont provides electric service to the property vicinity. This entity has the responsibility of maintaining or replacing the transformer equipment if it were to fail. The property reconnaissance did not observe staining on or below the equipment. Based on observations, transformer equipment does not represent a REC for the property.

### 5.3.4 Evidence of Releases or Potential Releases

#### Dumped trash, construction or demolition debris, fill dirt, artificial fill or disposal areas

Dumped trash was observed on the Property. There's no indication of landfilling taking place on the Property. Based on observations, this does not represent a REC for the Property.

### 5.3.5 Other Notable Site Features

#### Pipeline Markers

A natural gas pipeline crosses the northern side of the Property. The City of Fremont provides natural gas service to the surrounding area and is responsible for the pipeline. Based on observations, this does not represent a REC for the Property.

#### Wells

Two abandoned water wells were observed on the Property. The presence of these wells does not represent a REC for the property. However, due to the condition of the wells, it is recommended that they be repaired to meet Nebraska's Water Well Standards or decommissioned.

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## 5.4 Adjoining Property Reconnaissance

Visual observations of adjoining properties (from property boundaries) are summarized below and depicted on Figure 2 in Appendix A.

Direction	Description
North	An unnamed tributary of Rawhide Creek adjoins the northern property boundary. To the north of the tributary is agricultural land.
East	A residential development borders the Property to the East.
South	Rawhide Creek adjoins the southern property boundary. Followed by a residential neighborhood, a commercial property and agricultural land.
West	N Yager Road adjoins the western property boundary, followed by agricultural land.

## 6. Historical Resource Review

Olsson reviewed historical resources for indications of RECs for the Property. Copies of pertinent historical documents are included in Appendix D.

### 6.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed for this ESA. Maps for the following years were reviewed (1896, 1968, and 1983). The following table summarizes the topographic map review.

**Historical Topographic Map Information**

Direction	Date	Description
<b>Property</b>	1896, 1968, 1983	The Property appears undeveloped.
<b>North</b>	1896	Undeveloped land.
	1968	Unnamed tributary, undeveloped land.
	1983	No significant differences from the previous topographic map features
<b>East</b>	1896, 1968, 1983	Undeveloped land.
<b>South</b>	1896	Rawhide Creek, undeveloped land.
	1968	Rawhide Creek, public road, one structure.
	1983	Two additional structures, use unknown.
<b>West</b>	1896	Undeveloped land.
	1968	Two structures, use unknown.
	1983	No significant differences from the previous topographic map features.

## 6.2 Historical Aerial Photographs

Historical aerial photographs for the years: 1952, 1966, 1981, 1987, 1993, 1999, 2006, 2009, 2010 and 2012 were evaluated for historic features. Inspection of the aerials can be limited by a photograph's quality and scale. Aerial photo copies are presented in Appendix D.

**Historical Aerial Photographs**

Direction	Date	Description
<b>Property</b>	1952, 1966, 1981, 1987, 1993, 1999, 2006, 2009, 2010, 2012	Agricultural land.
<b>North</b>	1952, 1966, 1981, 1987, 1993, 1999, 2006, 2009, 2010, 2012	Agricultural land.
<b>East</b>	1952, 1966	Agricultural land.
	1981, 1987, 1993, 1999	Agricultural land, new waterbody appears.
	2006, 2009, 2010, 2012	Residential development.
<b>South</b>	1952	Agricultural land, Rawhide Creek.
	1966	Rawhide Creek rerouted, moved north to property boundary, agricultural land.
	1981, 1987, 1993	Commercial development, agricultural land.
	1999, 2006, 2009, 2010, 2012	Residential, commercial, agricultural land.
<b>West</b>	1952, 1966, 1981, 1987, 1993, 1999, 2006, 2009, 2010, 2012	Agricultural land, one farmstead.

### 6.3 Historical City Directories

Olsson reviewed city directory information for the Property address: North Yager Road and for East 32<sup>nd</sup> Street. The city directory coverage spanned the years: 1958, 1964, 1968, 1972, 1977, 1982, 1987, 1992, 1995, 1999, 2003, 2008, and 2013. Copies of the city directory information are presented in Appendix D. The following table summarizes the city directory information.

**Historical City Directory Information**

Direction	Address	Date and Description
<b>Property</b>	2800 N Yager Rd	1958, 1964, 1968, 1972, 1977, 1982, 1987, 1992, 1995, 1999, 2003, 2008, 2013 – No listings
<b>North</b>	3270 N Yager Rd	1958, 1964, 1968, 1972, 1977, 1982, 1987, 1992, 1995 – No listing 1999 – Elmer Martens 2003, 2008 – Alberta Martens 2013 – Unknown Occupant
<b>East</b>	2709 – 3049 N Laverna St	1958, 1964, 1968, 1972, 1977, 1982, 1987, 1992, 1995, 1999, 2003, 2008, 2013 – No listings
<b>South</b>	2740 N Yager Rd	1958, 1964, 1968, 1972, 1977, 1982, 1987, 1992, 1995 – No listing 1999, 2003, 2008, 2013 – Thomas Stamper
<b>West</b>	1001 & 1140 E 29 <sup>th</sup> St	1958, 1964, 1968, 1972, 1977, 1982, 1987, 1992, 1995, 1999, 2003, 2008, 2013 – No listings

### 6.4 Historical Fire Insurance Maps

Based upon inquiries to the database provider, Sanborn Maps were not available for the property vicinity. A copy of the Certified Sanborn Map Report is located in Appendix D.

## 7. Environmental Records Review

Database information provided by a contract information service company was reviewed to identify RECs in connection with the Property or in the Property vicinity. Information in this section is subject to the accuracy of the data and the date at which the information was updated by the information services company.

Olsson reviewed the database information for its relevance to the Property; that is, as the information referred to spills or releases either occurring on the Property, or at properties having the potential to affect the Property. As used in this report, the terms “upgradient”, “downgradient”, and “crossgradient” are used to describe the topographic relationship between the Property and offsite properties relative to the general groundwater flow direction. Refer to the discussion provided in Section 4.



## 7.1 State and Federal Regulatory Databases

Appendix E contains the database report including the list of searched databases (both ASTM E1527-13-required as well as supplemental databases), database descriptions and results, dates of updates, approximate minimum search distances, and maps. The following table summarizes ASTM E1527-13 information provided in the database.

**Database Findings Summary**

Database Record	ASTM E1527-13 Search Distance (Miles)	Identified Listings
<b>Federal Databases</b>		
NPL	1.0	0
Delisted NPL	0.5	0
CERCLIS	0.5	0
CERCLIS NFRAP	0.5	0
RCRA CORRACTS	1.0	0
RCRA TSDF	0.5	0
RCRA Generators List - RCRA-LQG	Property/Adjoining Properties	0
RCRA-SQG		0
RCRA-CESQG		0
RCRA-NonGen		0
Federal Institutional Controls	Property Only	0
Federal Engineering Controls	Property Only	0
ERNS	Property Only	0
<b>State and Tribal Databases</b>		
State/Tribal CERCLIS (SHWS)	1.0	1
State/Tribal Licensed Landfill List	0.5	0
LUST	0.5	16
LAST	Property/Adjoining Properties	0
USTs	Property/Adjoining Properties	0
ASTs	Property/Adjoining Properties	0
State/Tribal Institutional/Engineering Controls	Property Only	0
State/Tribal Voluntary Cleanup Sites	0.5	0
State/Tribal Brownfield Sites	0.5	0

Database providers frequently report supplemental database search findings outside the required ASTM E1527-13 coverage. These may include: Facility Index System/Facility Registry System (FINDS), the Aerometric Information Retrieval System (AIRS), SPILLS, TANKS, Historical Gas Stations, Historical Dry Cleaners, and other supplemental database resources. The supplemental database information is discussed where relevant to the Property. The following sections provide a description of the ASTM E1527-13 databases. Section 7.2 provides discussions regarding pertinent database listings for the Property and immediate vicinity.

### **7.1.1 NPL, Delisted NPL, CERCLIS, and CERCLIS NFRAP**

The U.S. Environmental Protection Agency (EPA) maintains a CERCLA Information System (CERCLIS) database of potentially hazardous waste facilities that have been reported to the EPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the CERCLA. The National Priorities List (NPL) database is a subset of CERCLIS that identifies facilities that the EPA has assigned a priority cleanup status under the Superfund Program. These may become Delisted NPL (removed from the NPL list) or CERCLIS No Further Remedial Action Planned (NFRAP) facilities when the EPA determines that no further response is appropriate or planned for a facility.

### **7.1.2 RCRA CORRACTS**

The EPA maintains a Resource Conservation and Recovery Act (RCRA) corrective action facility database (CORRACTS) of hazardous waste handler facilities where corrective action activity has occurred or is occurring.

### **7.1.3 RCRA TSDF**

The RCRA transportation, storage, and/or disposal facility (TSDF) database is maintained by EPA to identify facilities that treat, store, or dispose of hazardous waste as defined by RCRA.

### **7.1.4 RCRA Generators**

The EPA manages a database of RCRA facilities that generate hazardous waste. RCRA Large Quantity Generator facilities (LQGs) generate over 1,000 kilograms (kg) of hazardous waste or over 1 kg of acutely hazardous waste per month. RCRA Small Quantity Generator facilities (SQG) generate between 100 kg and 1,000 kg of hazardous waste per month. RCRA conditionally exempt small quantity generator facilities (CESQGs) generate less than 100 kg of hazardous waste or 1 kg of acutely hazardous waste per month. The EPA RCRA generator database also lists facilities that have filed a status change from RCRA waste generator to an operation that no longer generates hazardous waste (NonGens).

### **7.1.5 Federal Institutional and Engineering Controls**

The EPA maintains a list of facilities where institutional controls/engineering controls are in place to manage contamination that the agency approved to remain onsite. Administrative measures involving institutional controls can include groundwater use restrictions, construction restrictions, activity use limitations, and post-remediation care requirements intended to prevent exposure to contaminants. Deed restrictions are generally required as part of the institutional controls.

Engineering controls include various physical capping barriers, building foundations, liners, and treatment methods protective of human health and the environment.

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### **7.1.6 Emergency Response Notification System (ERNS)**

The U.S. Coast Guard National Response Center maintains a database of reported releases of oil and hazardous substances.

### **7.1.7 State/Tribal Superfund or Hazardous Waste Sites (SHWS)**

A State/Tribal Superfund or Hazardous Waste Sites (SHWS) database is maintained by the Nebraska Department of Environmental Quality (NDEQ). The SHWS facility list is intended to be a state-level equivalent of the NPL and CERCLIS databases.

### **7.1.8 State/Tribal Landfill and/or Solid Waste Disposal Sites**

The State/Tribal Landfill and/or Solid Waste Disposal Sites databases are a list of facilities maintained for the disposal of municipal solid waste (landfills).

### **7.1.9 State/Tribal Leaking Storage Tank Lists**

NDEQ maintains a listing of leaking underground storage tank (LUST) and leaking aboveground storage tank (LAST) facilities.

### **7.1.10 State/Tribal Storage Tanks**

The Nebraska State Fire Marshall (NE SFM) maintains a database of registered aboveground storage tanks (ASTs) and underground storage tanks (USTs).

### **7.1.11 State/Tribal Institutional Controls**

Similar to the EPA federal list of institutional controls/engineering control facilities, the NDEQ maintains a listing of facilities assigned with State institutional controls.

### **7.1.12 State/Tribal Voluntary Cleanup Sites**

NDEQ maintains a listing of facilities where owners and parties responsible for contamination have voluntarily undertaken cleanup activities overseen by the state.

### **7.1.13 State/Tribal Brownfields**

NDEQ maintains a database of facilities where expansion, redevelopment, or reuse of the facilities may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

## **7.2 Database Information**

The regulatory database review identified 17 database listings within the prescribed ASTM E1527-13 search radii. The following sections discuss database listings pertaining to the Property and in the immediate vicinity.

### **7.2.1 Property Database Listings**

The Property was not referenced in the environmental database report.

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### **7.2.2 Vicinity Database Listings**

The following sections summarize the upgradient off-site database report listings in order of closest proximity within approximately 0.25 miles of the Property. The remaining database listings were not considered RECs for the Property based on their distance, regulatory status, and/or location relative to the Property. All 17 database listings were located crossgradient and/or at distance greater than 0.25 miles from the Property.

### **7.2.3 Unmapped "Orphan" Listings**

Unmapped orphan database listings are facilities that a database provider typically could not locate because of inadequate geocode or address information. The database report listed four unmapped or "orphan" facilities located in the property zip code area. Confirmation of the location of "unmappable" facilities listed by the information service company is beyond the scope of this study. However, a cursory review of the unmapped listings was performed.

No orphan sites were identified within the ASTM E1527-13 search distances listed in Section 7.1

## **7.3 Additional Environmental Record Sources**

Olsson contacted pertinent regulatory agencies for information regarding the Property. The following sections summarize the regulatory agency contact information.

### **7.3.1 Nebraska Department of Environmental Quality**

The NDEQ regulatory database was accessed on November 17, 2014 to research environmental permits, citations, or violations for the Property. Review of the NDEQ records did not identify listings of record for the Property or adjoining properties.

### **7.3.2 Fremont Fire Department**

Olsson contacted Fire Chief Todd Bernt with the Fremont Fire Department to request whether that agency maintained hazmat incident or spill records for the Property. Fire Chief Bernt responded that they did keep records of all responses. There were no hazmat incidents or spill releases reported for the Property.

## 8. Interviews

Olsson interviewed property owner representatives, the current Property owner, and local agencies as appropriate regarding the Property. The following table summarizes those interviews.

**Interview Summary**

Contact Name	Agency/Affiliation	Interview Method	Information Obtained
Mr. Justin Zetterman	City of Fremont – City Engineer and Interim Planning Director	Questionnaire	Mr. Zettermans’s interview information was used to complete sections of this report.
Fire Chief Todd Bernt	Fremont Fire Department	Email <a href="mailto:Todd.Bernt@fremontne.gov">Todd.Bernt@fremontne.gov</a>	Fire Chief Bernt stated that the department kept records of all responses and there were no responses reported for the Property.

The ESA interviews did not identify RECs in association with the Property.

## 9. Additional Services

Other additional services including non-scope issues detailed in ASTM E1527-13 (e.g. asbestos sampling, lead-based paint sampling, wetlands review, lead in drinking water sampling, radon testing, etc.) were not conducted as part of the Phase I ESA for the Property.

---

## 10. Findings

The following paragraphs summarize the findings of the Phase I ESA report. The report must be read in its entirety to develop a comprehensive understanding of the ESA information process.

The following findings were identified from review of historic records, regulatory databases, site reconnaissance, or interviews.

- This Phase I did not identify any RECs for the Property.
- Two abandoned water wells were observed on the Property. They do not represent a REC. Due to their condition, they should be repaired, to meet Nebraska Water Well Standards, or decommissioned.

## 11. Opinion

Olsson's opinions pertaining to the impact on the Property of the conditions identified in Section 10.0 and our rationale for concluding whether a condition is or is not a REC is included in the sections of the report where those conditions were originally discussed (Sections 4, 5, 6 and 7).



## 12. Conclusions

Olsson has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Fremont Technology Park located at 2800 N Yager Road in Fremont, Dodge County, Nebraska (referred to as the "Property"). Any exceptions to, or deletions from, this practice are described in Section 13 of this report. This assessment has revealed no evidence of RECs or CRECs in connection with the Property.

## 13. Deviations

Olsson has evaluated the provided information for significant data gaps that, if present, are discussed in their respective report sections.

## 14. References

Documents used in the preparation of this report are referenced in the relevant report sections.

---


## 15. Signature of Environmental Professional

Olsson conducted this Phase I ESA and reviewed all appropriate records made available to Olsson within the performance period of this assessment, conducted property inspection, and performed an analysis of current and historical information collected during the record search. The information contained within the ESA report, to the best of Olsson's knowledge, is correct.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional, as defined in Section 312.10 of 40 Code of Federal Regulations (CFR) 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practice set forth in 40 CFR Part 312. Qualifications and credentials for the Environmental Professional and the qualifications of the personnel conducting the site reconnaissance and interviews if conducted by someone other than an environmental professional are included in Appendix F.

  
\_\_\_\_\_  
Ryan Doty  
Environmental Professional

March 2, 2015  
Date

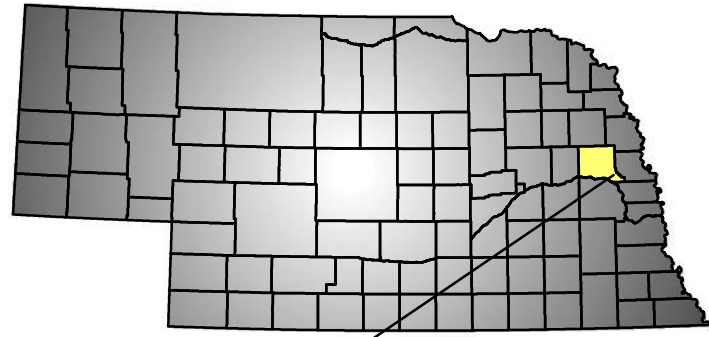
  
\_\_\_\_\_  
Brian Osborn  
Reviewer

# Appendix A

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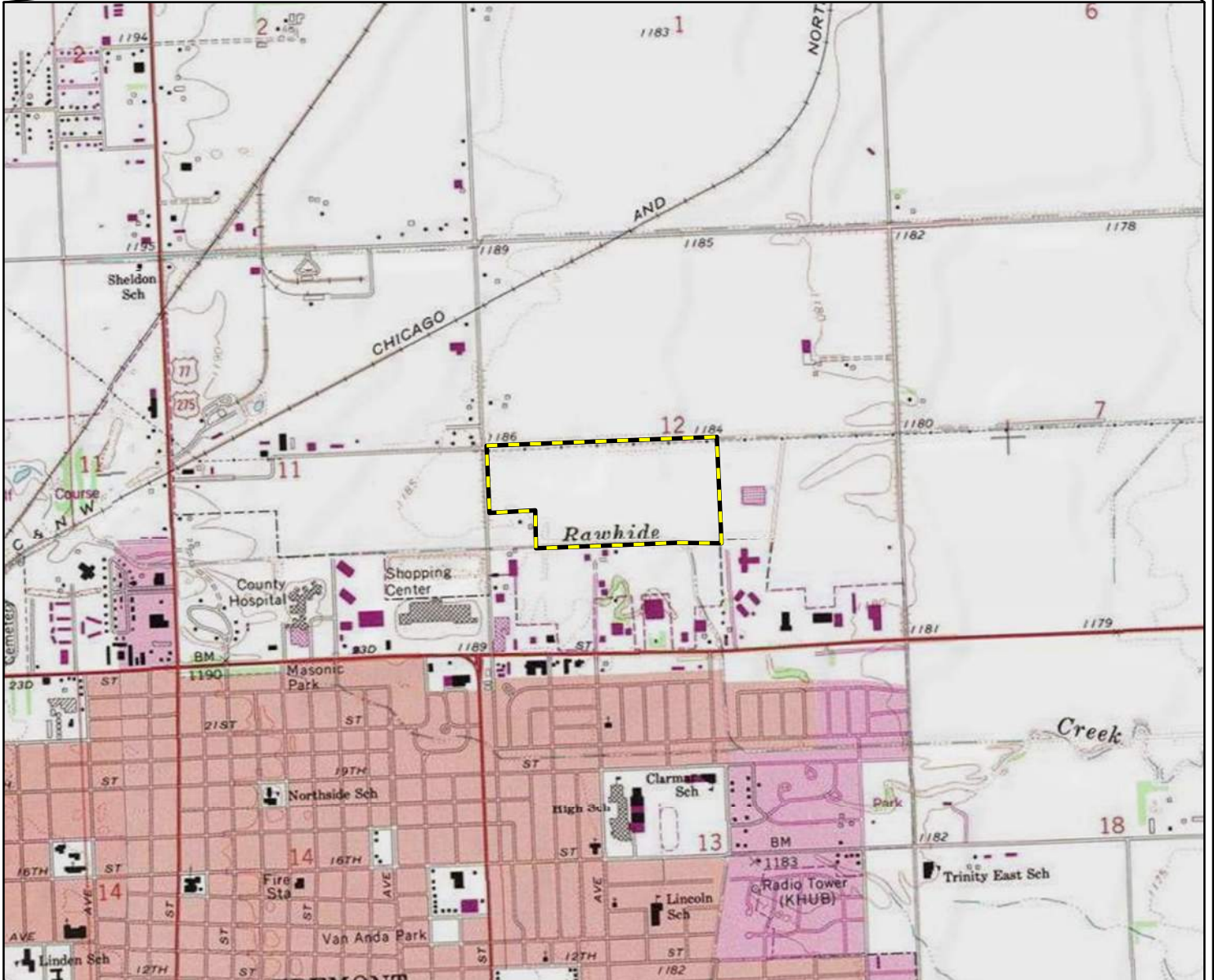
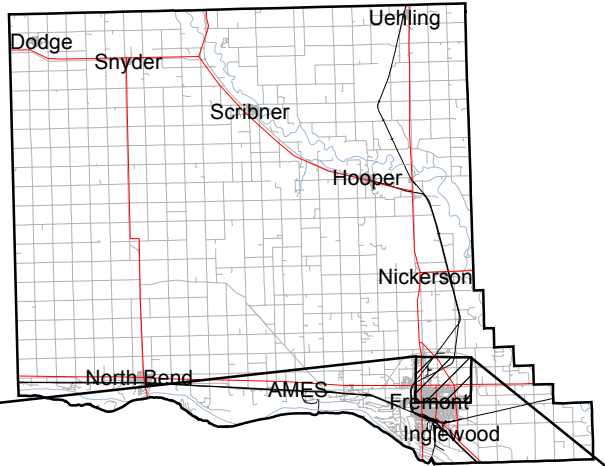
## Figures

# NEBRASKA



Project Location

# DODGE COUNTY



Data Source: ESRI - USA Topo Map

### Legend

 Property Location

**Greater Fremont  
Development Council**  
Olsson Project # B13-0592  
Fremont, Nebraska  
**Location Map**  
Figure 1



0 1,000 2,000  
1 inch = 2,000 feet





Data Source: ESRI - World Imagery

**Legend**

 Property Location



0 250 500  
1 inch = 500 feet

**Greater Fremont  
Development Council**  
Olsson Project # B13-0592  
Fremont, Nebraska  
**Site Map**  
Figure 2

**Appendix B**

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**User Questionnaire**





**ASTM E 1527-13  
PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)  
USER QUESTIONNAIRE**

**Property Name:** Greater Fremont Development Council

**Property Address:** E 32<sup>nd</sup> St and N Yager Rd, Fremont, NE

**Introduction**

In order to qualify for one of the Landowner Liability Protections (LLPs)<sup>187</sup> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”),<sup>188</sup> the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.

ASTM E 1527-13 defines the “User” as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.

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

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

NOTE 1— In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

No     Yes    If yes, please explain.

**2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.2(a)1(v) and vi).**

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

No     Yes    If yes, please explain.

Use of the property is governed by local zoning code and agreement in place with the State of Nebraska for the development of the property.

**3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.29).**

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?

No     Yes    If yes, please explain.

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

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

No     Yes     Not Applicable (N/A)    If you conclude that there is a price difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?  No     Yes    If yes, please explain.

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

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

- (a) Do you know of the past uses of the property? **PROPERTY HAS BEEN USED FOR FARMING**
- (b) Do you know of specific chemicals that are present or were once present at the property?
- (c) Do you know of spills or other chemical releases that have taken place at the property?
- (d) Do you know of any environmental cleanups that have taken place at the property?

No     Yes    If yes to any of the above, please explain.

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

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

No  Yes If yes, please explain.

**Helpful Documents Checklist**

Pursuant to ASTM E 1527-13 §10.8, certain information should be collected, if available, and provided to the environmental professional selected to conduct the Phase I ESA. The information is intended to assist the environmental professional, but is not necessarily required to qualify for one of the LLPs.

- Environmental site assessment reports **Lenz Site Assessment**
- Environmental compliance audit reports
- ALTA / ASCM or Site Improvement Map **Plat, Site Drawings, etc. available from Olsson Assoc.**
- Environmental permits (for example solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- Registrations for above or underground storage tanks
- Registration for underground injection systems
- Material safety data sheets
- Community right-to-know plan
- Risk assessments
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans, facility response plans, etc.
- Reports regarding hydrogeologic conditions on the property or surrounding area --  
**Wetland Determination Report – Felsburg; Preliminary Drainage Report – Olsson Assoc.**
- Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the site or relating to environmental liens encumbering the site
- Hazardous waste generation notices or reports
- Geotechnical studies **Preliminary Geotechnical Report – Olsson Assoc.**
- Recorded activity and land use limitations (AULs)

Pursuant to ASTM E 1527-13 §10.9, the following information should be provided prior to the site visit. Are you aware of:

7. Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?  No  Yes

8. Any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?  No  Yes
9. Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?  No  Yes
- 

10. Purpose for completing the ESA

To fulfill requirements for obtaining Go! Ready! Site Certification Status from the Greater Omaha Economic Development Partnership. To provide all possible documentation to future prospects for proof of a truly shovel-ready site.

11. Please verify the correct property address, land area, and building square footage, if known (A map is helpful).

Site does not have a specific address.

Site is platted. It has three platted lots with tenants, 2 of which are 100 X 100 lots. Those three lots have addresses.

There are approximately 80.21 available acres.

Site is zoned Business Park.

12. Provide the property type (commercial, retail, office, etc.) and the property transaction type (sale, purchase, exchange, etc.)

Site is suitable for office, light industrial and data center development.

Site is municipally owned and being developed for sale to one or multiple tenants.

13. List any special Phase I ESA terms and conditions, and all parties who will be relying on the report.

Greater Fremont Development Council, Greater Omaha Economic Development Partnership, the City of Fremont and future clients of these entities will be relying on the report.

14. Property contact name and information (telephone, email, etc.).

We would like to list a City contact – who would be best?

City of Fremont: Justin Zetterman, 402-727-2638, [Justin.Zetterman@FremontNE.gov](mailto:Justin.Zetterman@FremontNE.gov)

GFDC: Cecilia Harry, 402.753.8126, [charry@selectgreateromaha.com](mailto:charry@selectgreateromaha.com)

CBRE: Chad Hansen, Realtor, 402.697.5899, [chanson@cbre-mega.com](mailto:chanson@cbre-mega.com)

GOEDP: Mark Norman, 402.233.7143, [mnorman@selectgreateromaha.com](mailto:mnorman@selectgreateromaha.com)

**This questionnaire was completed by:**

Justin Zetterman, PE

1/27/2005

Name

Date

City Engineer and Interim Planning Director

City of Fremont

Title

Company Name

City Engineer and Interim Planning Director

402-727-2638

Relationship to the property

Telephone

# PRELIMINARY DRAINAGE REPORT

## FREMONT TECHNOLOGY PARK FREMONT, NE

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PREPARED BY  
OLSSON ASSOCIATES

MAY 15, 2013

OA PROJECT No.: 013-0592



# **TABLE OF CONTENTS**

- A. BASIC DATA**
- B. OVERALL WATERSHED**
- C. EXISTING SITE DATA**
- D. FACILITY DESIGN**
- E. DEVELOPED SITE DATA**
- F. FEMA ZONE A IMPACTS**

# **APPENDICES**

- A. DRAINAGE BASIN MAPS**
- B. HYDROCAD REPORT**

**A. BASIC DATA:**

These drainage calculations are based on the following data, and design criteria:

Site location

This drainage report was generated for the Fremont Technology Park, which is located east of N. Yager Road between the future E. 32<sup>nd</sup> Street to the north and Rawhide Creek to the south. The property is bounded on the east by a residential development along N. Laverna Street.

Site Area

The project site is a total of 80.4 acres and currently consists entirely of agricultural cropland.

Terrain and existing ground conditions

The site drains primarily from the west at elevation 1185.0 to the south east at elevation 1183.0. The property is split into two sub-basins (see Appendix A – Drainage Basin Maps). The first drains primarily to a shallow ditch running along the northern edge of the property. The second sub-basin drains to the Rawhide Creek channel, running along the southern edge of the property.

Existing surrounding land uses

North: Agricultural cropland

South: Agricultural cropland; mixed use development

West: Agricultural cropland

East: Residential development

Methodology

The SCS method will be utilized for evaluating the existing runoff and proposed runoff to and from the dry detention basin. Runoff will be calculated and each basin will be sized using the HydroCAD program. 24-hour design rainfall for the City of Fremont is as follows:

<u>Frequency</u>	<u>24-hour rainfall</u>
2-year	3.0 in.
10-year	4.5 in.
100-year	6.7 in.

SOURCE: National Weather Service TP-40

**B. OVERALL WATERSHED**

The watershed of Rawhide Creek upstream of the site consists of approximately 25.13 mi<sup>2</sup>, although this drainage report only represents 80.4 acres of the entire watershed.



**C. EXISTING SITE DATA:**

The modeled portion of the project property consists of two existing sub-basins. A drainage map of the existing sub-basins can be found in Appendix A (Exhibit 1). The existing property is open, undeveloped agricultural cropland. Two existing drainage channels bound the site on the north and the south. The existing sub-basins are described as follows:

**Existing North Sub-Basin**

The Existing North Sub-Basin consists of the northern half of the existing lot. It drains to the northeast, flowing into an unnamed drainage that runs along the north property line.

Area = 38.72 acres

Estimated Time of Concentration = 188 minutes

Existing Area of Impervious Surface = 0%

Curve Number, CN = 85 (Row Crops, Straight Row, Crop Residue, Hydrologic Soil Group D, Good Condition)

**Existing runoff rates for Existing North Sub-Basin:**

<u>Event</u>	<u>Peak Rate (cfs)</u>
2-year (3.0 inches)	13.72
10-year (4.5 inches)	25.41
100-year (6.7 inches)	43.15

**Existing South Sub-Basin**

The Existing South Sub-Basin consists of the southern half of the existing lot. It drains to the southeast, toward the existing Rawhide Creek channel which runs along the south property line.

Area = 41.70 acres

Estimated Time of Concentration = 183 minutes

Existing Area of Impervious Surface = 0%

Curve Number, CN = 85 (Row Crops, Straight Row, Crop Residue, Hydrologic Soil Group D, Good Condition)

**Existing runoff rates for Existing North Sub-Basin:**

<u>Event</u>	<u>Peak Rate (cfs)</u>
2-year (3.0 inches)	15.06
10-year (4.5 inches)	27.82
100-year (6.7 inches)	47.35

**D. FACILITY DESIGN**

This project will consist of a proposed data center, commercial and industrial development, associated green space, sidewalks and parking areas.

One dry detention basin is proposed on-site to collect runoff from the site. The detention basin was designed to detain a 10-year storm event, and result in “no net increase” in the 2-year storm event. A storm sewer pipe will connect from the basin to the existing Rawhide Creek channel.

**E. DEVELOPED SITE DATA**

The proposed drainage condition consists of three drainage sub-basins. All three of the sub-basins will be impacted by the proposed development. Maps for the proposed drainage areas can be found in Appendix A (Exhibit 2). HydroCAD reports for the proposed dry detention basins can be found in Appendix B.

The proposed sub-basins are described as follows:

**Proposed North Sub-Basin**

The proposed North Sub-Basin is almost entirely composed of Existing North Sub-Basin, consisting of grassed slopes, roadways, parking lots, and the rooftops of the proposed buildings. The stormwater runoff from this basin will collect in the proposed detention, prior to discharging into Rawhide Creek.

Area = 40.34 acres

Estimated Time of Concentration = 121 minutes

Impervious Area at Project Completion = 84 %

Composite Curve Number, CN = 94

38.32 acres of CN = 95 (Commercial and business, HSG D)  
2.02 acres of CN = 80 (Grass Cover, >75% HSG D)

**Flow Rate Summary for Proposed North Sub-basin:**

<u>Event</u>	<u>Dev. Peak Rate (cfs)</u>
2-year (3.0 inches)	29.47
10-year (4.5 inches)	47.06
100-year (6.7 inches)	72.57

**Proposed South Sub-Basin A**

Proposed South Sub-Basin A is composed of a portion of the Existing South Sub-Basin, consisting of grassed slopes, a dry detention pond, roadways, parking lots, and the rooftops of the proposed buildings. The stormwater runoff from this basin will collect in the proposed detention, prior to discharging into Rawhide Creek.

Area = 25.81 acres

Estimated Time of Concentration = 102 minutes

Impervious Area at Project Completion = 83 %

Composite Curve Number, CN = 93

22.87 acres of CN = 95 (Commercial and business, HSG D)

2.94 acres of CN = 80 (Grass Cover, >75% HSG D)

**Flow Rate Summary for Proposed South Sub-Basin A:**

<u>Event</u>	<u>Dev. Peak Rate (cfs)</u>
2-year (3.0 inches)	20.79
10-year (4.5 inches)	33.66
100-year (6.7 inches)	52.36

**Proposed South Sub-Basin B**

Proposed South Sub-Basin B is composed of a portion of Existing South Sub-Basin, consisting of grassed slopes, roadways, parking lots, and the rooftops of the proposed buildings. The stormwater runoff from this basin flows directly into Rawhide Creek.

Area = 14.27 acres

Estimated Time of Concentration = 119 minutes

Impervious Area at Project Completion = 83 %

Composite Curve Number, CN = 94

13.56 acres of CN = 95 (Commercial and business, HSG D)  
0.71 acres of CN = 80 (Grass Cover, >75% HSG D)

**Flow Rate Summary for Proposed South Sub-Basin B:**

<u>Event</u>	<u>Dev. Peak Rate (cfs)</u>
2-year (3.0 inches)	10.57
10-year (4.5 inches)	16.86
100-year (6.7 inches)	26.00

**Runoff Summary Table**

Drainage Sub-Basins	Existing Runoff 2-year (cfs)	Proposed Runoff 2-year (cfs)	Existing Runoff 10-year (cfs)	Proposed Runoff 10-year (cfs)	Existing Runoff 100-year (cfs)	Proposed Runoff 100-year (cfs)
North	13.72	29.47	25.41	47.06	43.15	72.57
<b>Total</b>	<b>13.72</b>	<b>29.47</b>	<b>25.41</b>	<b>47.06</b>	<b>43.15</b>	<b>72.57</b>
South	15.06		27.82		47.35	
South A		20.79		33.66		52.36
South B		10.57		16.86		26.00
<b>Total</b>	<b>15.06</b>	<b>31.36</b>	<b>27.82</b>	<b>50.52</b>	<b>47.35</b>	<b>78.36</b>

**Discharge Summary Table**

Location	Proposed Discharge 2-year (cfs)	Proposed Discharge 10-year (cfs)	Proposed Discharge 100-year (cfs)
Dry Detention	21.81	28.30	103.87

### Proposed Dry Detention Basin

The proposed Dry Detention Basin has an area of approximately 2.05 acres. Immediately east of the proposed detention is a privacy berm, covering an area of approximately 0.85 acres (see Exhibit 2 in Appendix A). The primary outlet for the proposed Dry Detention Basin consists of a 24-inch diameter pipe, 160 feet long, with an invert elevation at 1177.50. The pipe should outlet in the Rawhide Creek channel at elevation 1177.00. In addition, an overflow weir should be set at elevation 1181.50 ft. The overflow weir should have a crest length of 3.0 feet.

The total storage volume of the proposed detention is 6.178 acre feet.

Stage Discharge Table (10-yr)

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Primary Outflow (cfs)
1,178.00	0.261	0	0
1,178.20	0.436	0.140	2.10
1,178.40	0.611	0.279	3.36
1,178.60	0.786	0.419	4.83
1,178.80	0.961	0.559	6.44
1,179.00	1.136	0.699	8.17
1,179.20	1.206	0.961	9.94
1,179.40	1.276	1.223	11.70
1,179.60	1.346	1.485	13.37
1,179.80	1.416	1.747	14.85
1,180.00	1.486	2.010	15.94
1,180.20	1.604	2.366	16.14
1,180.40	1.722	2.722	17.43
1,180.60	1.840	3.078	18.64
1,180.80	1.958	3.434	19.77
1,181.00	2.076	3.790	20.84
1,181.20	2.201	4.268	21.85
1,181.40	2.326	4.746	22.83
1,181.60	2.450	5.223	23.99
1,181.80	2.575	5.701	25.89
1,182.00	2.700	6.178	28.31

See Appendix B for the complete HydroCAD report.

## F. FEMA ZONE A IMPACTS

Under proposed conditions, all drainage from the Fremont Technology Park site will ultimately drain to Rawhide Creek, running along the southern boundary of the development. This portion of Rawhide Creek is a FEMA designated Zone A, areas inundated by the 1% annual chance flood (100-year flood), no base flood elevations determined.

A hydraulic analysis was completed to evaluate the impact of the proposed development of the Fremont Technology Park on Rawhide Creek base flood elevations. Because FEMA has not designated a base flood elevation for the site, it was necessary to identify the current base flood elevation. Utilizing available survey data and the extents of the FEMA designated Rawhide Creek Zone A, a base flood discharge of 1000 cfs within the channel was determined, with a base flood elevation of 1183.91 at the eastern edge of the project limits. Based on the drainage analysis completed for the Fremont Technology Park, the 100-year peak discharge from the site could increase by as much as 39 cfs.

Using HEC-RAS, the channel of Rawhide Creek was modeled to evaluate the impact of this increase in runoff from the Fremont Technology Park site. According to HEC-RAS, an increase from 1000 cfs to 1039 cfs in the Rawhide Creek channel will result in a 0.10-foot rise in the 1% annual chance flood elevation, from the current BFE of 1183.91 to a future condition BFE of 1184.01. This rise in elevation meets FEMA's requirement of limiting any rise in a Zone A to less than 1.0 feet. Proposed building floor elevations should be reasonably raised 2 to 3 feet above elevation 1184.0 to account for freeboard and the potential of flood events which exceed the 100-year frequency.

In order to keep Zone A impacts minimal, and to protect any development occurring at the Fremont Technology Park site, grading should be limited around the Rawhide Creek channel. A buffer area extending from the flow line of the channel up at a 3:1 slope to the top of bank elevations, plus an additional 20 feet should be observed. This represents a 45 to 50 foot wide buffer area north of the stream channel. It is recommended that no structures or grading occur within this buffer area.

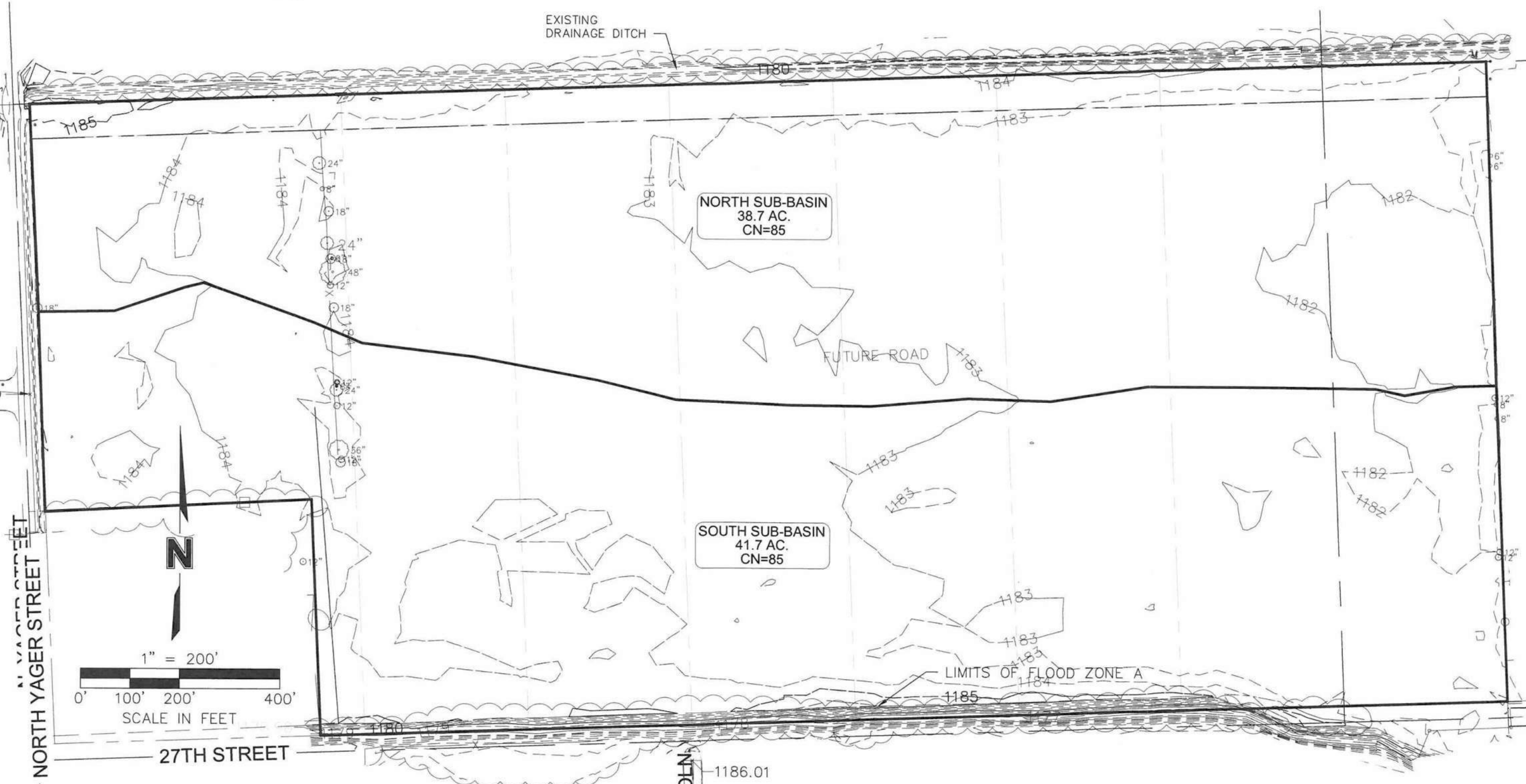
# **APPENDIX A – DRAINAGE BASIN MAPS**



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 12318\_PCONT 12318\_XBASE

- 1195 --- EXISTING MAJOR CONTOUR
- 1195 --- EXISTING MINOR CONTOUR
- EXISTING DRAINAGE BOUNDARY
- - - - - PROPERTY LINE

X	DRAINAGE ID
X.XX AC.	DRAINAGE AREA
CN=XX	CURVE NUMBER



PROJECT NO: 013-0592  
 DRAWN BY: DSH  
 DATE: 05/08/2013

### EXISTING DRAINAGE BASINS

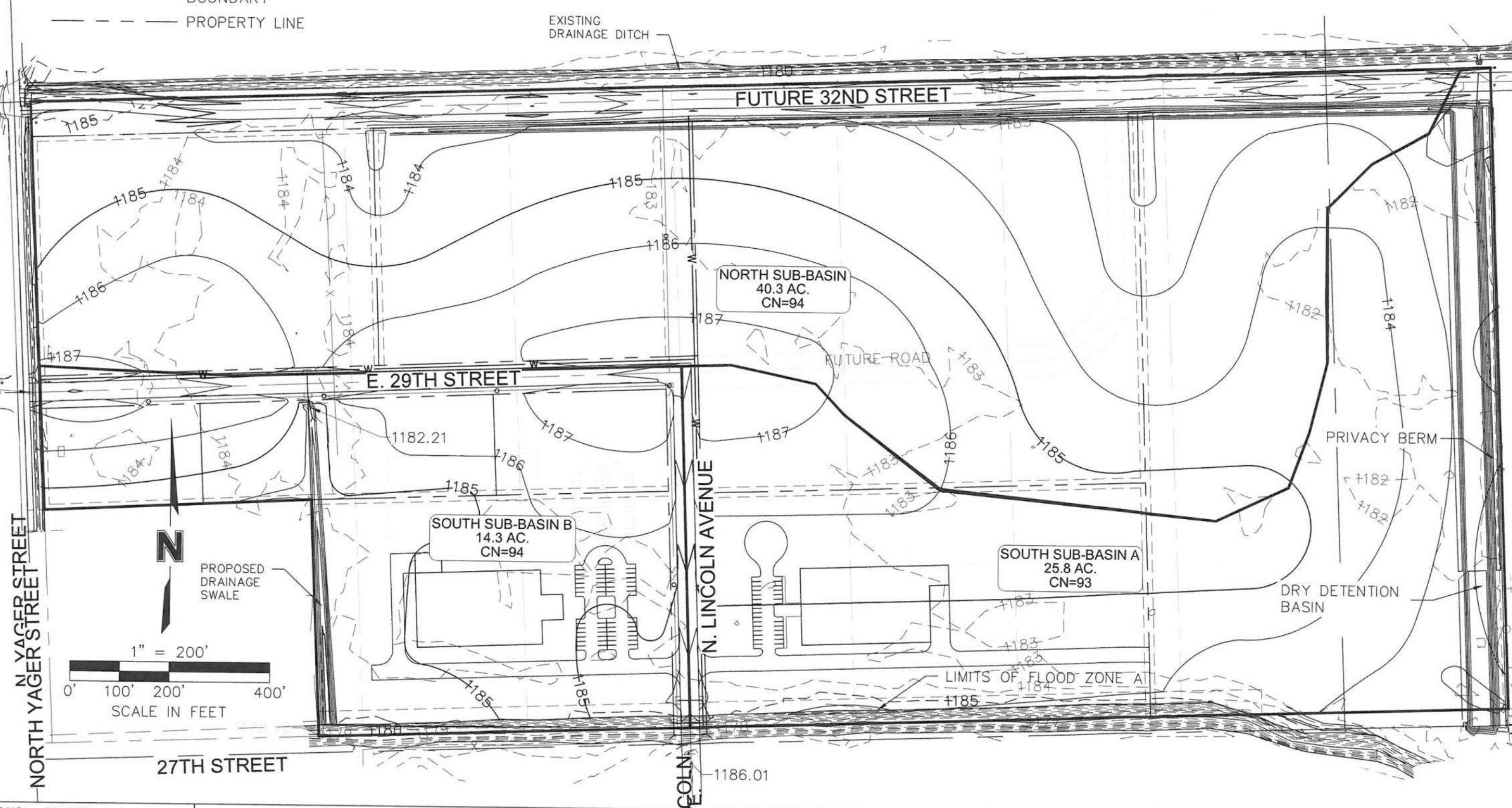
**MOLSSON ASSOCIATES**  
 2111 South 67th Street, Suite 200  
 Omaha, NE 68106  
 TEL 402.341.1116  
 FAX 402.341.5895

EXHIBIT  
 1

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- 1195 — PROPOSED MINOR CONTOUR
- - - 1195 - - - EXISTING MAJOR CONTOUR
- - - 1195 - - - EXISTING MINOR CONTOUR
- — — DRAINAGE BOUNDARY
- - - - - PROPERTY LINE

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 X.XX AC. ← DRAINAGE AREA  
 CN=XX ← CURVE NUMBER



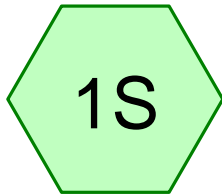
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 DATE: 05/08/2013

PROPOSED DRAINAGE BASINS

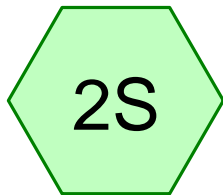
**MOLSSON**  
 ASSOCIATES  
 2111 South 67th Street, Suite 200  
 Omaha, NE 68106  
 TEL 402.341.1116  
 FAX 402.341.5895

EXHIBIT

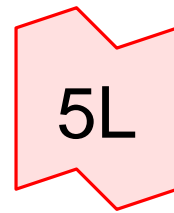
# **APPENDIX B – HYDROCAD REPORT**



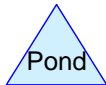
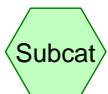
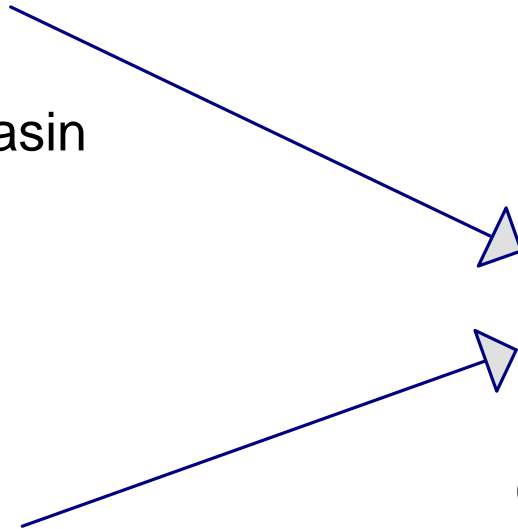
North\_Subbasin



South Subbasin



(new Link)



**Routing Diagram for Existing**

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## Existing

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### Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
38.720	85	SR+CR, Good Condition (1S)
41.700	85	Soil Group D, SR+CR Good (2S)
<b>80.420</b>	<b>85</b>	<b>TOTAL AREA</b>

**Existing**

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**Soil Listing (all nodes)**

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
0.000	HSG D	
80.420	Other	1S, 2S
<b>80.420</b>		<b>TOTAL AREA</b>

**Existing**

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**Ground Covers (all nodes)**

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.000	38.720	38.720	SR+CR, Good Condition	1S
0.000	0.000	0.000	0.000	41.700	41.700	Soil Group D, SR+CR Good	2S
<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>80.420</b>	<b>80.420</b>	<b>TOTAL AREA</b>	

**Existing**

Type II 24-hr 2 yr event Rainfall=3.00"

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Time span=1.00-30.00 hrs, dt=0.10 hrs, 291 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

**Subcatchment 1S: North\_Subbasin** Runoff Area=38.720 ac 0.00% Impervious Runoff Depth>1.59"  
Flow Length=3,088' Tc=187.8 min CN=85 Runoff=13.72 cfs 5.121 af

**Subcatchment 2S: South Subbasin** Runoff Area=41.700 ac 0.00% Impervious Runoff Depth>1.59"  
Flow Length=2,992' Tc=182.7 min CN=85 Runoff=15.06 cfs 5.516 af

**Link 5L: (new Link)** Inflow=28.78 cfs 10.637 af  
Primary=28.78 cfs 10.637 af

**Total Runoff Area = 80.420 ac Runoff Volume = 10.637 af Average Runoff Depth = 1.59"**  
**100.00% Pervious = 80.420 ac 0.00% Impervious = 0.000 ac**



**Existing**

Type II 24-hr 2 yr event Rainfall=3.00"

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**Summary for Subcatchment 1S: North\_Subbasin**

Runoff = 13.72 cfs @ 14.38 hrs, Volume= 5.121 af, Depth> 1.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 2 yr event Rainfall=3.00"

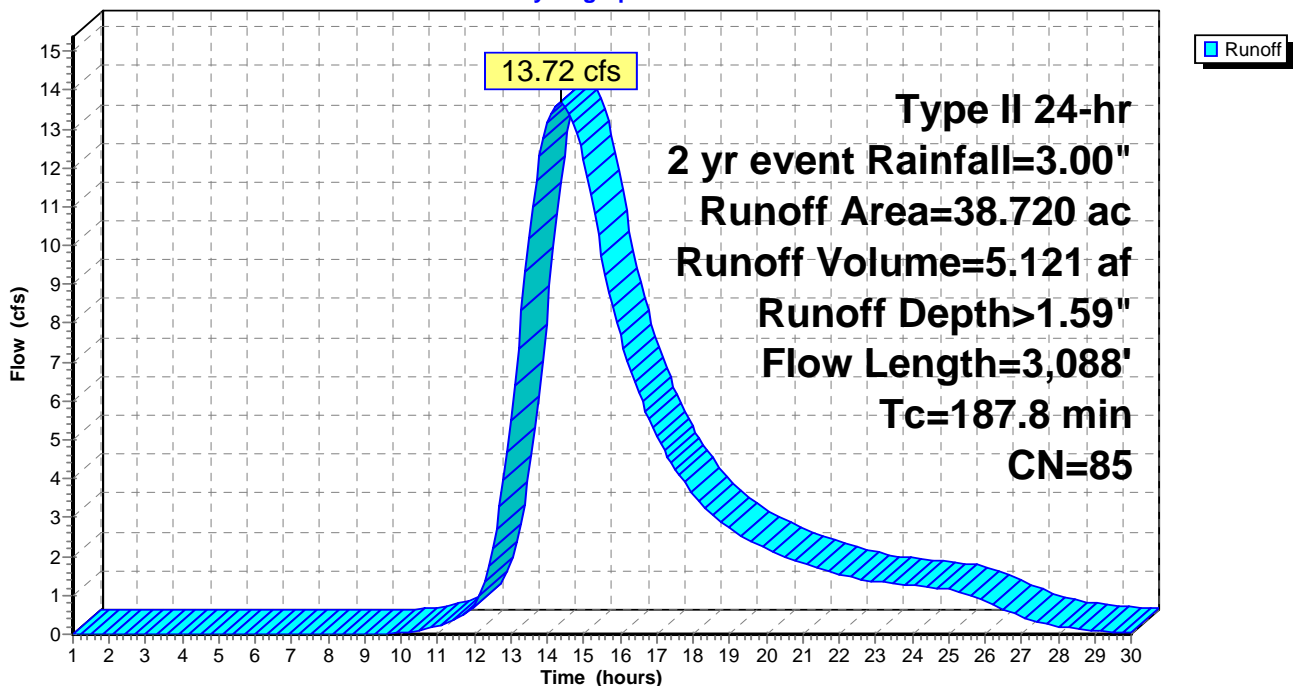
Area (ac)	CN	Description
* 38.720	85	SR+CR, Good Condition
38.720		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
38.8	300	0.0010	0.13		<b>Sheet Flow,</b> Cultivated: Residue<=20% n= 0.060 P2= 3.00"
149.0	2,788	0.0012	0.31		<b>Shallow Concentrated Flow,</b> Cultivated Straight Rows Kv= 9.0 fps
187.8	3,088	Total			

**Subcatchment 1S: North\_Subbasin**

Hydrograph



**Existing**

Type II 24-hr 2 yr event Rainfall=3.00"

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**Summary for Subcatchment 2S: South Subbasin**

Runoff = 15.06 cfs @ 14.36 hrs, Volume= 5.516 af, Depth> 1.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 2 yr event Rainfall=3.00"

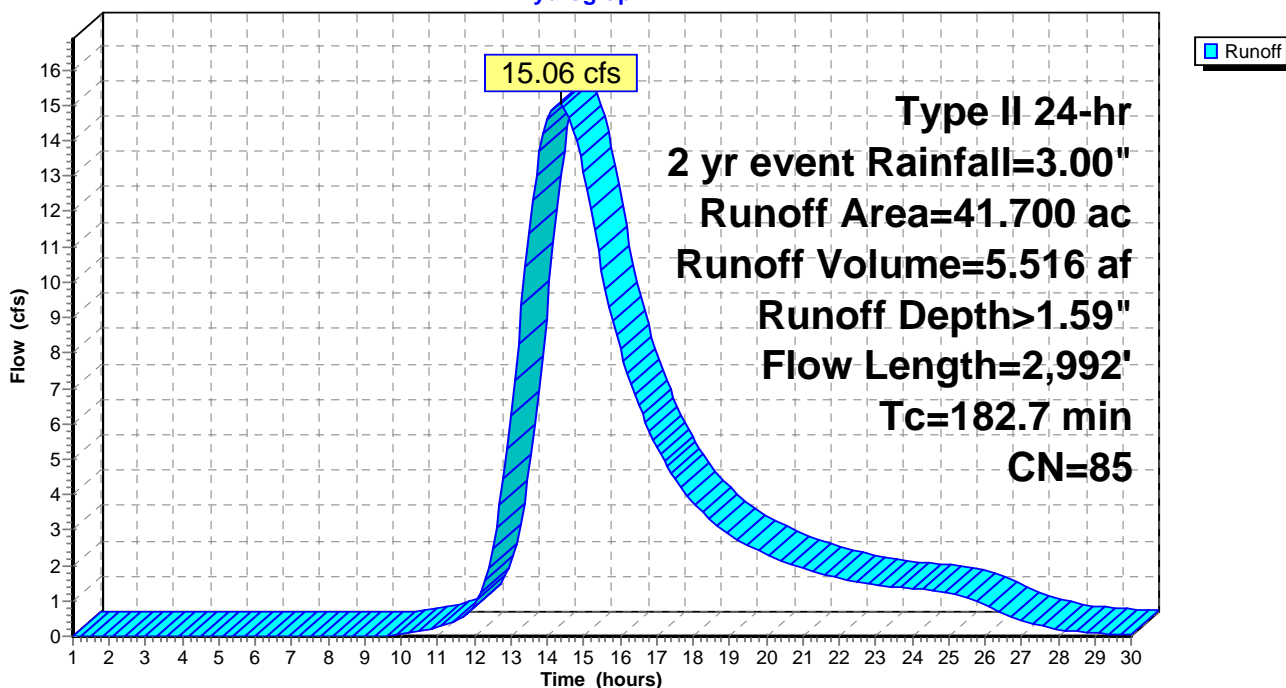
Area (ac)	CN	Description
* 41.700	85	Soil Group D, SR+CR Good
41.700		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
38.8	300	0.0010	0.13		<b>Sheet Flow,</b> Cultivated: Residue<=20% n= 0.060 P2= 3.00"
143.9	2,692	0.0012	0.31		<b>Shallow Concentrated Flow,</b> Cultivated Straight Rows Kv= 9.0 fps
182.7	2,992	Total			

**Subcatchment 2S: South Subbasin**

Hydrograph



**Existing**

Type II 24-hr 2 yr event Rainfall=3.00"

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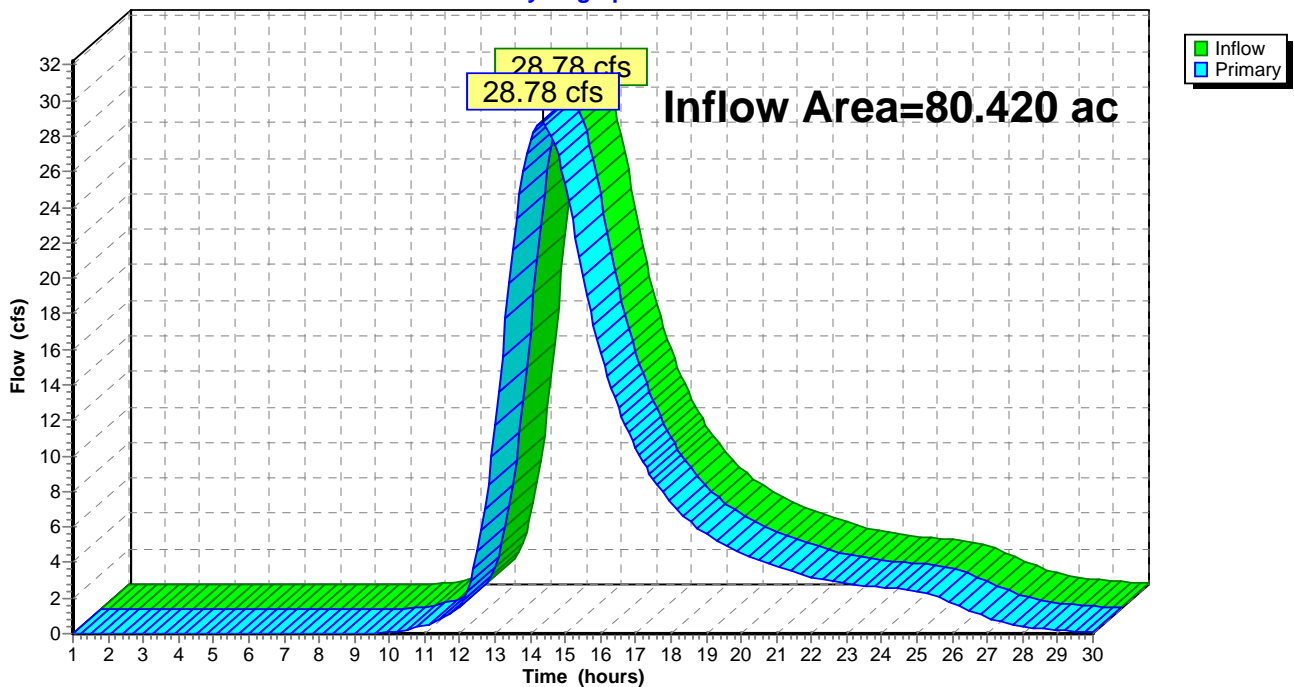
**Summary for Link 5L: (new Link)**

Inflow Area = 80.420 ac, 0.00% Impervious, Inflow Depth > 1.59" for 2 yr event event  
Inflow = 28.78 cfs @ 14.37 hrs, Volume= 10.637 af  
Primary = 28.78 cfs @ 14.37 hrs, Volume= 10.637 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs

**Link 5L: (new Link)**

Hydrograph



**Existing**

Type II 24-hr 10 yr event Rainfall=4.50"

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Time span=1.00-30.00 hrs, dt=0.10 hrs, 291 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

**Subcatchment 1S: North\_Subbasin** Runoff Area=38.720 ac 0.00% Impervious Runoff Depth>2.91"  
Flow Length=3,088' Tc=187.8 min CN=85 Runoff=25.41 cfs 9.381 af

**Subcatchment 2S: South Subbasin** Runoff Area=41.700 ac 0.00% Impervious Runoff Depth>2.91"  
Flow Length=2,992' Tc=182.7 min CN=85 Runoff=27.82 cfs 10.104 af

**Link 5L: (new Link)** Inflow=53.18 cfs 19.485 af  
Primary=53.18 cfs 19.485 af

**Total Runoff Area = 80.420 ac Runoff Volume = 19.485 af Average Runoff Depth = 2.91"**  
**100.00% Pervious = 80.420 ac 0.00% Impervious = 0.000 ac**

**Existing**

Type II 24-hr 10 yr event Rainfall=4.50"

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**Summary for Subcatchment 1S: North\_Subbasin**

Runoff = 25.41 cfs @ 14.35 hrs, Volume= 9.381 af, Depth> 2.91"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 10 yr event Rainfall=4.50"

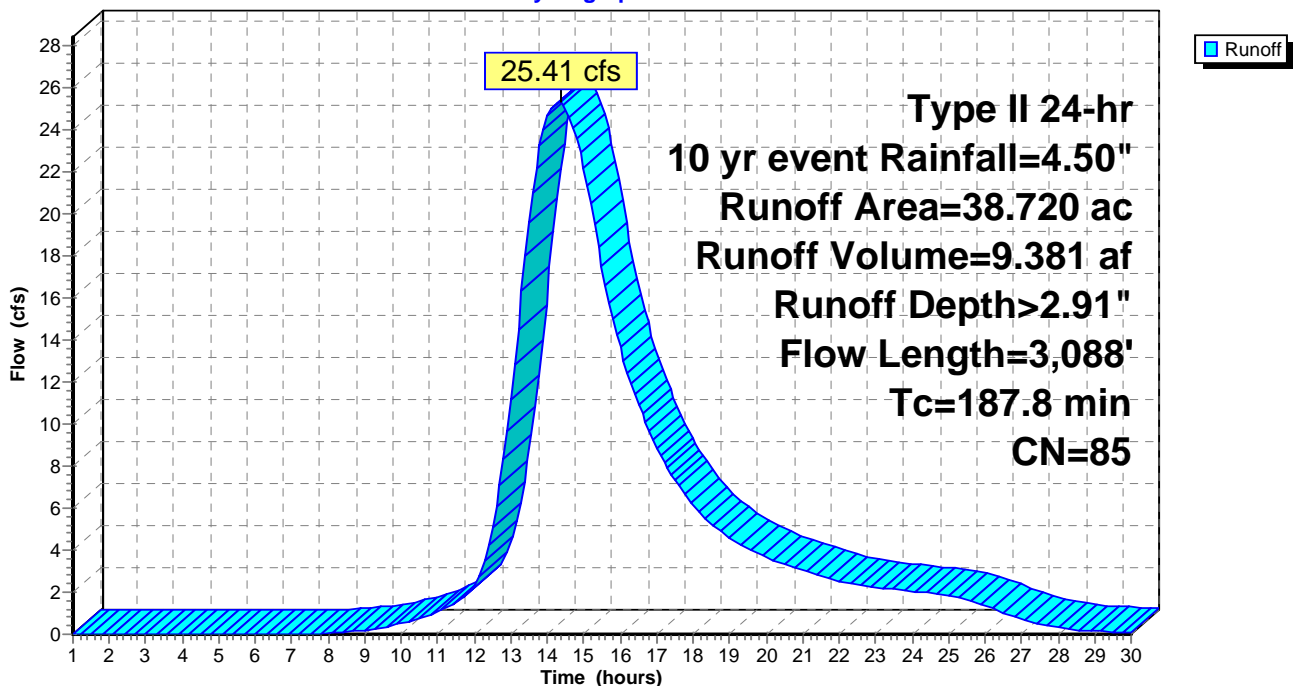
Area (ac)	CN	Description
* 38.720	85	SR+CR, Good Condition
38.720		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
38.8	300	0.0010	0.13		<b>Sheet Flow,</b> Cultivated: Residue<=20% n= 0.060 P2= 3.00"
149.0	2,788	0.0012	0.31		<b>Shallow Concentrated Flow,</b> Cultivated Straight Rows Kv= 9.0 fps
187.8	3,088	Total			

**Subcatchment 1S: North\_Subbasin**

Hydrograph



**Existing**

Type II 24-hr 10 yr event Rainfall=4.50"

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**Summary for Subcatchment 2S: South Subbasin**

Runoff = 27.82 cfs @ 14.26 hrs, Volume= 10.104 af, Depth> 2.91"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 10 yr event Rainfall=4.50"

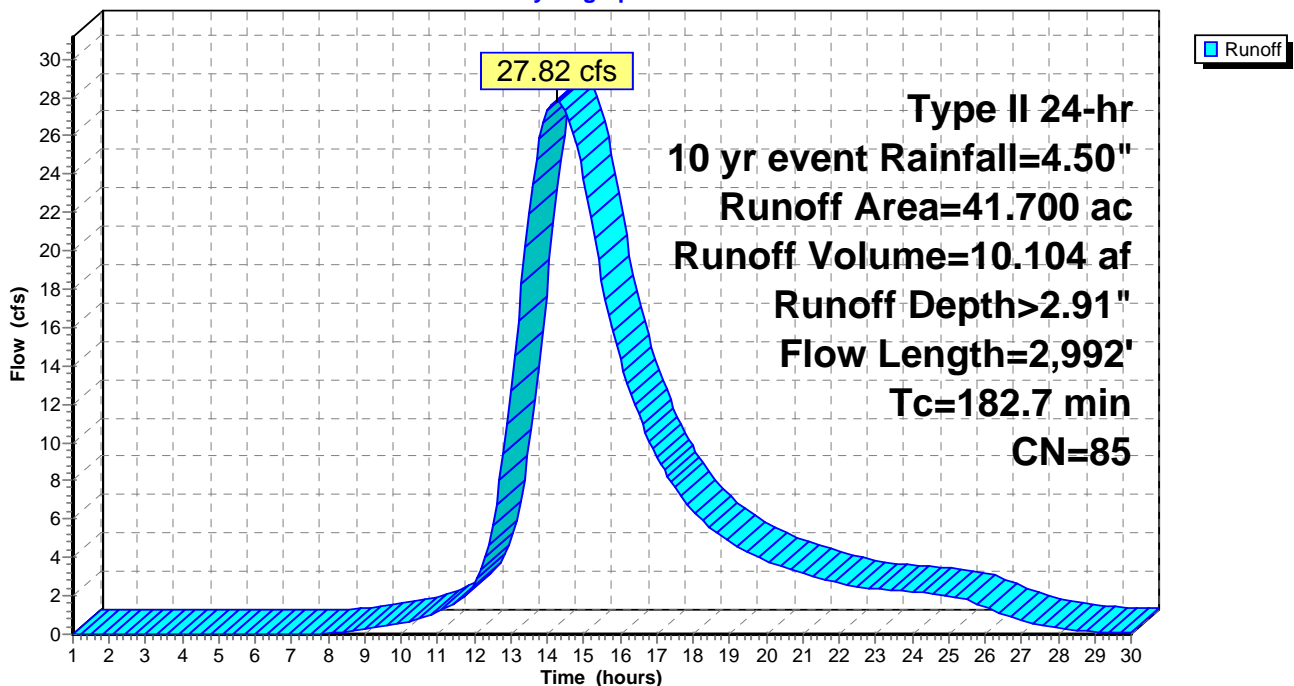
Area (ac)	CN	Description
* 41.700	85	Soil Group D, SR+CR Good
41.700		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
38.8	300	0.0010	0.13		<b>Sheet Flow,</b> Cultivated: Residue<=20% n= 0.060 P2= 3.00"
143.9	2,692	0.0012	0.31		<b>Shallow Concentrated Flow,</b> Cultivated Straight Rows Kv= 9.0 fps
182.7	2,992	Total			

**Subcatchment 2S: South Subbasin**

Hydrograph



## Existing

Type II 24-hr 10 yr event Rainfall=4.50"

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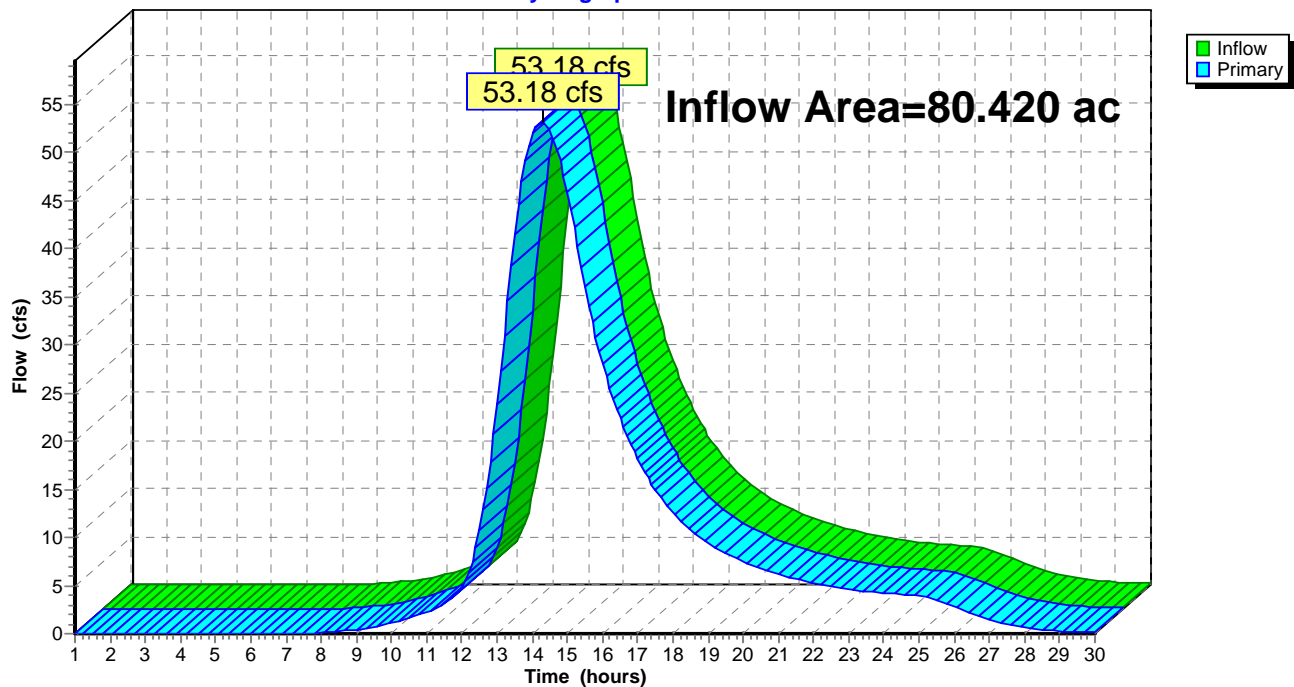
### Summary for Link 5L: (new Link)

Inflow Area = 80.420 ac, 0.00% Impervious, Inflow Depth > 2.91" for 10 yr event event  
Inflow = 53.18 cfs @ 14.31 hrs, Volume= 19.485 af  
Primary = 53.18 cfs @ 14.31 hrs, Volume= 19.485 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs

### Link 5L: (new Link)

#### Hydrograph



**Existing**

Type II 24-hr 100 yr event Rainfall=6.70"

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Time span=1.00-30.00 hrs, dt=0.10 hrs, 291 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

**Subcatchment 1S: North\_Subbasin** Runoff Area=38.720 ac 0.00% Impervious Runoff Depth>4.96"  
Flow Length=3,088' Tc=187.8 min CN=85 Runoff=43.15 cfs 16.015 af

**Subcatchment 2S: South Subbasin** Runoff Area=41.700 ac 0.00% Impervious Runoff Depth>4.96"  
Flow Length=2,992' Tc=182.7 min CN=85 Runoff=47.35 cfs 17.250 af

**Link 5L: (new Link)** Inflow=90.49 cfs 33.265 af  
Primary=90.49 cfs 33.265 af

**Total Runoff Area = 80.420 ac Runoff Volume = 33.265 af Average Runoff Depth = 4.96"**  
**100.00% Pervious = 80.420 ac 0.00% Impervious = 0.000 ac**



**Existing**

Type II 24-hr 100 yr event Rainfall=6.70"

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**Summary for Subcatchment 1S: North\_Subbasin**

Runoff = 43.15 cfs @ 14.29 hrs, Volume= 16.015 af, Depth> 4.96"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 100 yr event Rainfall=6.70"

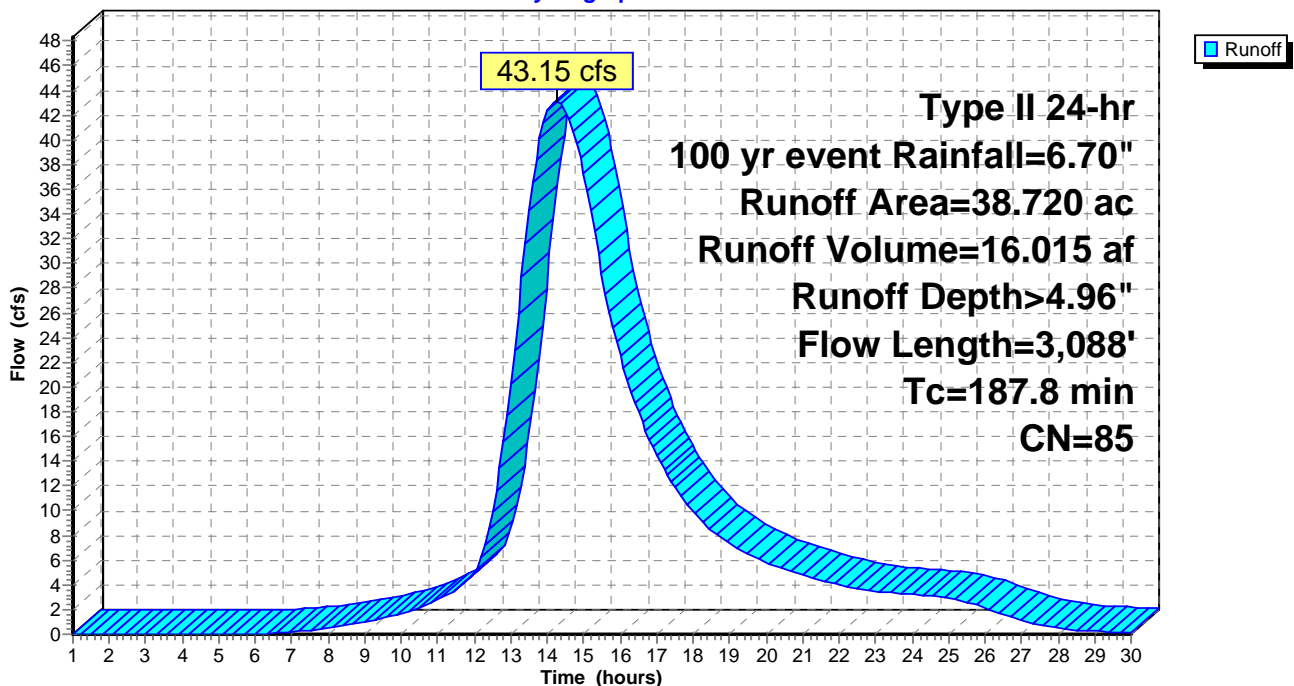
Area (ac)	CN	Description
* 38.720	85	SR+CR, Good Condition
38.720		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
38.8	300	0.0010	0.13		<b>Sheet Flow,</b> Cultivated: Residue<=20% n= 0.060 P2= 3.00"
149.0	2,788	0.0012	0.31		<b>Shallow Concentrated Flow,</b> Cultivated Straight Rows Kv= 9.0 fps
187.8	3,088	Total			

**Subcatchment 1S: North\_Subbasin**

Hydrograph



**Existing**

Type II 24-hr 100 yr event Rainfall=6.70"

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**Summary for Subcatchment 2S: South Subbasin**

Runoff = 47.35 cfs @ 14.21 hrs, Volume= 17.250 af, Depth> 4.96"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 100 yr event Rainfall=6.70"

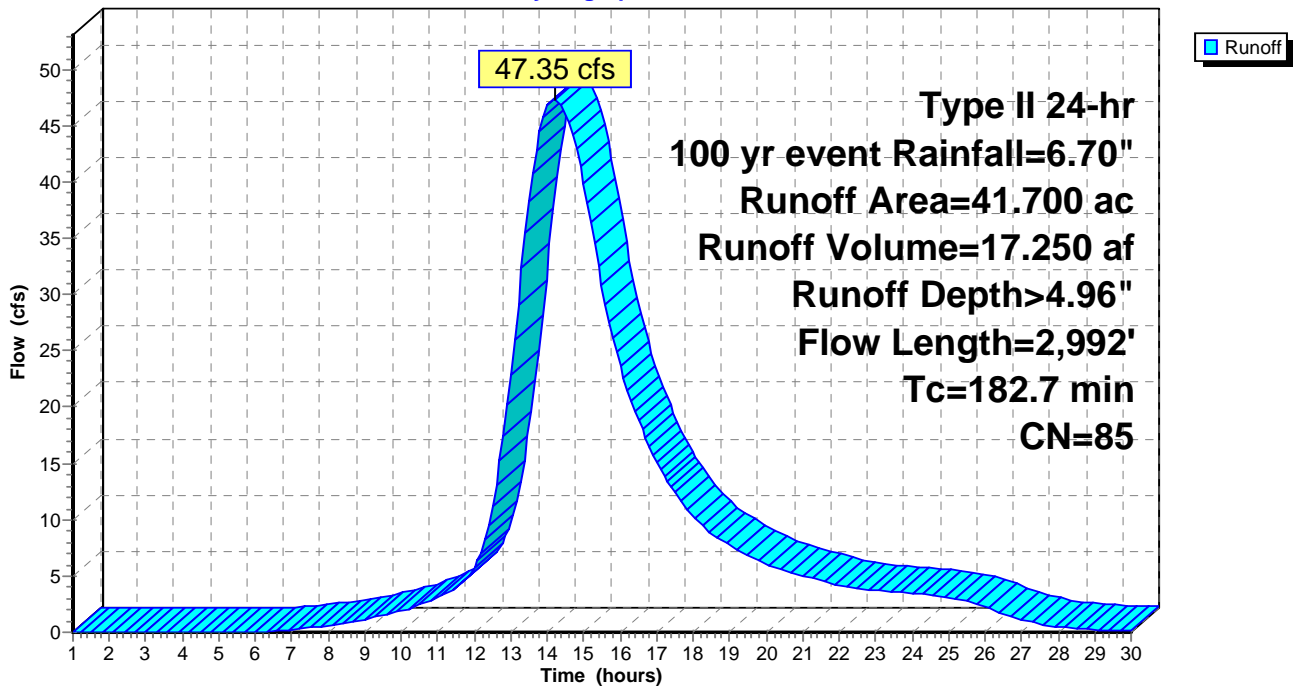
Area (ac)	CN	Description
* 41.700	85	Soil Group D, SR+CR Good
41.700		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
38.8	300	0.0010	0.13		<b>Sheet Flow,</b> Cultivated: Residue<=20% n= 0.060 P2= 3.00"
143.9	2,692	0.0012	0.31		<b>Shallow Concentrated Flow,</b> Cultivated Straight Rows Kv= 9.0 fps
182.7	2,992	Total			

**Subcatchment 2S: South Subbasin**

Hydrograph



## Existing

Type II 24-hr 100 yr event Rainfall=6.70"

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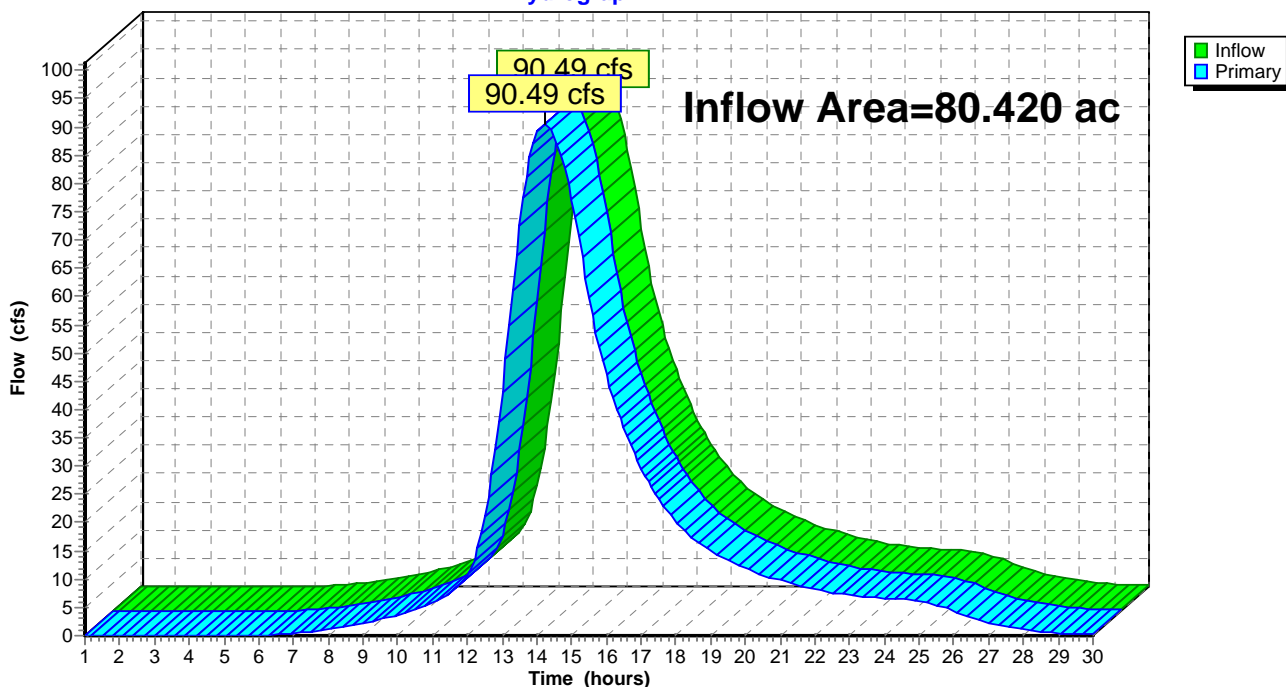
### Summary for Link 5L: (new Link)

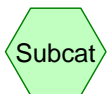
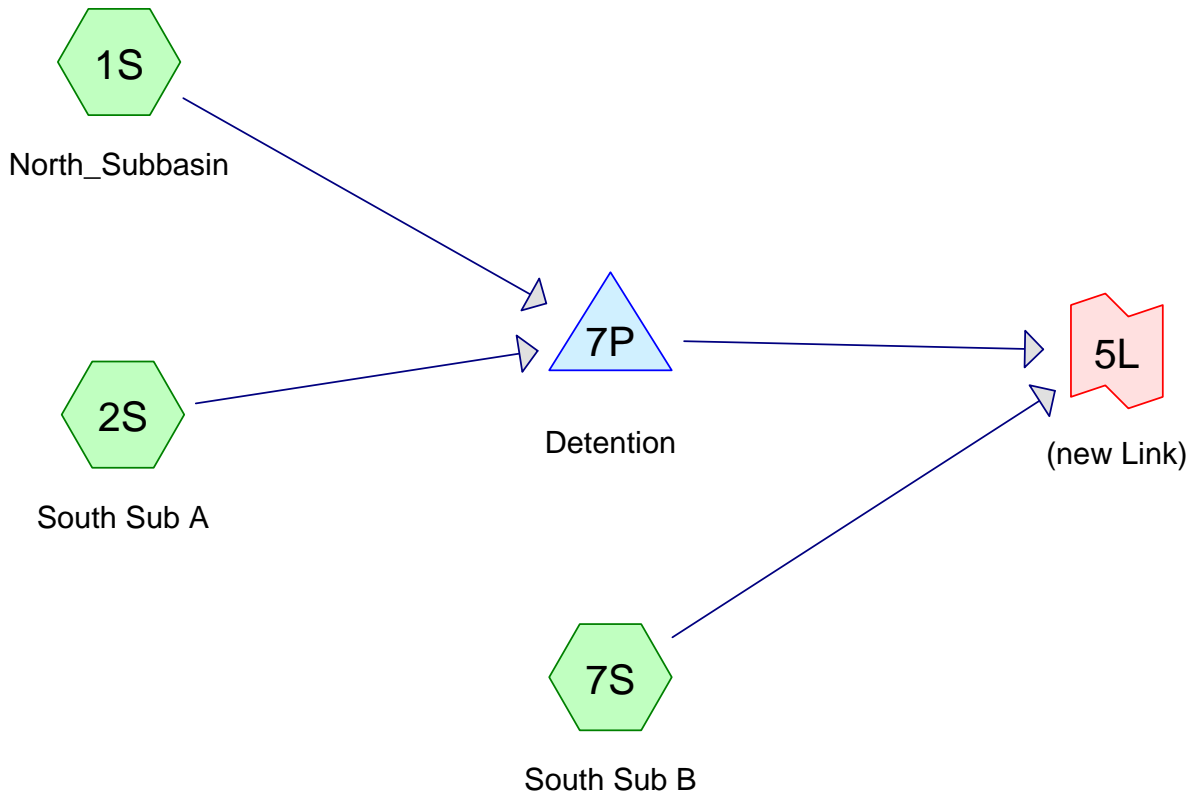
Inflow Area = 80.420 ac, 0.00% Impervious, Inflow Depth > 4.96" for 100 yr event event  
Inflow = 90.49 cfs @ 14.24 hrs, Volume= 33.265 af  
Primary = 90.49 cfs @ 14.24 hrs, Volume= 33.265 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs

### Link 5L: (new Link)

#### Hydrograph

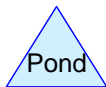




Subcat



Reach



Pond



Link

**Routing Diagram for Proposed**

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## Proposed

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### Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
5.674	80	>75% Grass cover, Good, HSG D (1S, 2S, 7S)
13.556	95	Soil Group D, Commercial and Business (7S)
38.320	95	Soil Group D, Commercial and Business district (1S)
22.870	95	Soil Group D, Commercial and business (2S)
<b>80.420</b>	<b>94</b>	<b>TOTAL AREA</b>

**Proposed**

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**Soil Listing (all nodes)**

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
5.674	HSG D	1S, 2S, 7S
74.746	Other	1S, 2S, 7S
<b>80.420</b>		<b>TOTAL AREA</b>

**Proposed**

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**Ground Covers (all nodes)**

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover
0.000	0.000	0.000	5.674	0.000	5.674	>75% Grass cover, Good
0.000	0.000	0.000	0.000	13.556	13.556	Soil Group D, Commercial and Business
0.000	0.000	0.000	0.000	38.320	38.320	Soil Group D, Commercial and Business district
0.000	0.000	0.000	0.000	22.870	22.870	Soil Group D, Commercial and business
<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>5.674</b>	<b>74.746</b>	<b>80.420</b>	<b>TOTAL AREA</b>

## Proposed

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### Pipe Listing (all nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Diam/Width (inches)	Height (inches)	Inside-Fill (inches)
1	1S	0.00	0.00	2,062.0	0.0010	0.011	36.0	0.0	0.0
2	2S	0.00	0.00	1,500.0	0.0010	0.011	36.0	0.0	0.0
3	7P	1,177.50	1,177.00	160.0	0.0031	0.011	24.0	0.0	0.0



**Proposed***Type II 24-hr 2 yr event Rainfall=3.00"*

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Time span=1.00-30.00 hrs, dt=0.10 hrs, 291 points  
 Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
 Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

**Subcatchment 1S: North\_Subbasin** Runoff Area=40.340 ac 0.00% Impervious Runoff Depth>2.35"  
 Flow Length=3,237' Slope=0.0010 '/' Tc=121.2 min CN=94 Runoff=29.47 cfs 7.900 af

**Subcatchment 2S: South Sub A** Runoff Area=25.810 ac 0.00% Impervious Runoff Depth=2.25"  
 Flow Length=2,200' Slope=0.0010 '/' Tc=102.0 min CN=93 Runoff=20.79 cfs 4.848 af

**Subcatchment 7S: South Sub B** Runoff Area=14.270 ac 0.00% Impervious Runoff Depth=2.35"  
 Flow Length=3,295' Slope=0.0010 '/' Tc=119.3 min CN=94 Runoff=10.57 cfs 2.795 af

**Pond 7P: Detention** Peak Elev=1,181.19' Storage=4.247 af Inflow=49.66 cfs 12.748 af  
 Outflow=21.81 cfs 12.749 af

**Link 5L: (new Link)** Inflow=29.63 cfs 15.543 af  
 Primary=29.63 cfs 15.543 af

**Total Runoff Area = 80.420 ac Runoff Volume = 15.543 af Average Runoff Depth = 2.32"**  
**100.00% Pervious = 80.420 ac 0.00% Impervious = 0.000 ac**

**Proposed**

Type II 24-hr 2 yr event Rainfall=3.00"

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**Summary for Subcatchment 1S: North\_Subbasin**

Runoff = 29.47 cfs @ 13.38 hrs, Volume= 7.900 af, Depth> 2.35"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 2 yr event Rainfall=3.00"

Area (ac)	CN	Description
* 38.320	95	Soil Group D, Commercial and Business distict
2.020	80	>75% Grass cover, Good, HSG D
40.340	94	Weighted Average
40.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
30.7	875	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
9.7	2,062	0.0010	3.53	24.93	<b>Pipe Channel, RCP_Round 36"</b> 36.0" Round Area= 7.1 sf Perim= 9.4' r= 0.75' n= 0.011 Concrete pipe, straight & clean
121.2	3,237	Total			

**Proposed**

Type II 24-hr 2 yr event Rainfall=3.00"

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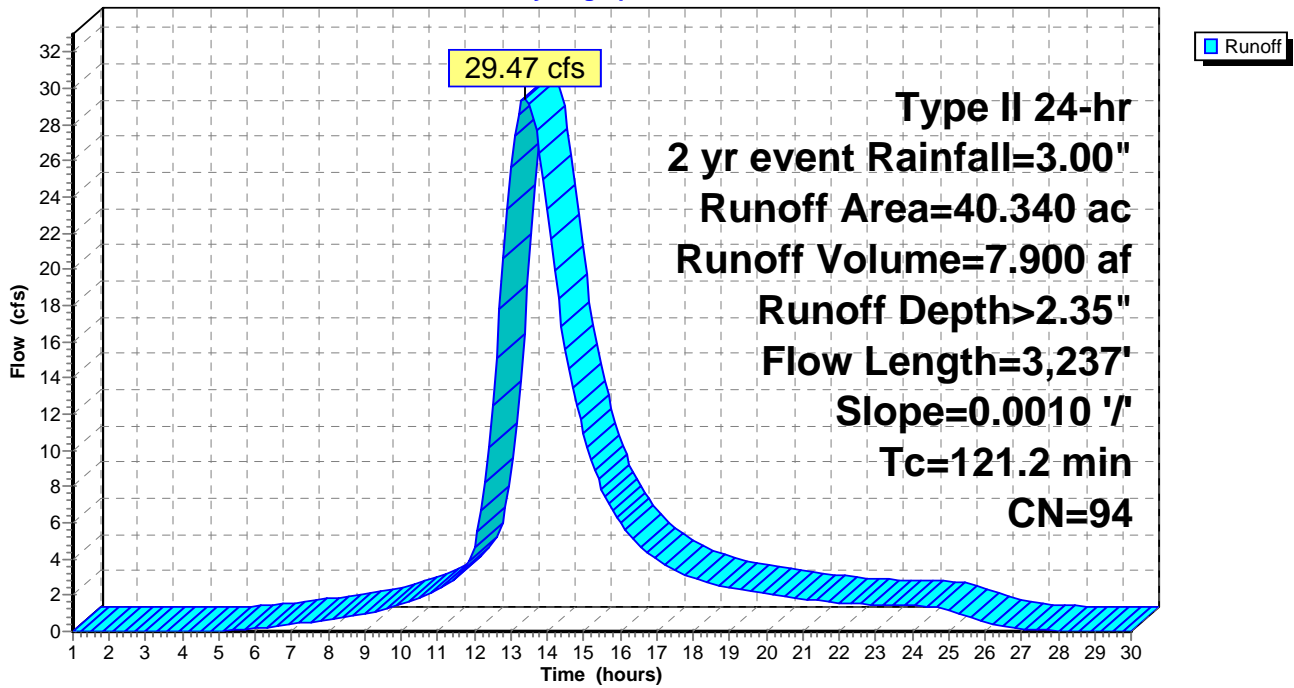
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**Subcatchment 1S: North\_Subbasin**

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Type II 24-hr 2 yr event Rainfall=3.00"

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**Summary for Subcatchment 2S: South Sub A**

Runoff = 20.79 cfs @ 13.14 hrs, Volume= 4.848 af, Depth= 2.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 2 yr event Rainfall=3.00"

Area (ac)	CN	Description
* 22.870	95	Soil Group D, Commercial and business
2.940	80	>75% Grass cover, Good, HSG D
25.810	93	Weighted Average
25.810		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
14.1	400	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
7.1	1,500	0.0010	3.53	24.93	<b>Pipe Channel,</b> 36.0" Round Area= 7.1 sf Perim= 9.4' r= 0.75' n= 0.011

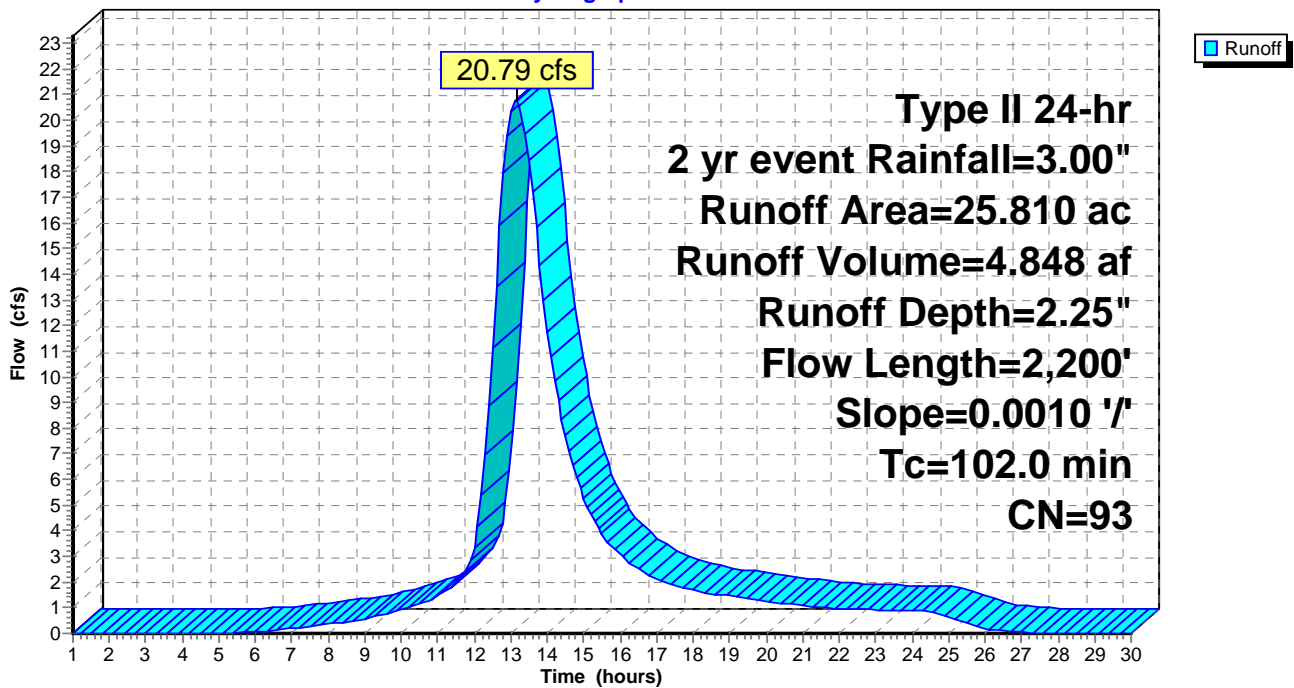
102.0 2,200 Total

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**Subcatchment 2S: South Sub A**

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Type II 24-hr 2 yr event Rainfall=3.00"

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**Summary for Subcatchment 7S: South Sub B**

Runoff = 10.57 cfs @ 13.36 hrs, Volume= 2.795 af, Depth= 2.35"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 2 yr event Rainfall=3.00"

Area (ac)	CN	Description
* 13.556	95	Soil Group D, Commercial and Business
0.714	80	>75% Grass cover, Good, HSG D
14.270	94	Weighted Average
14.270		100.00% Pervious Area

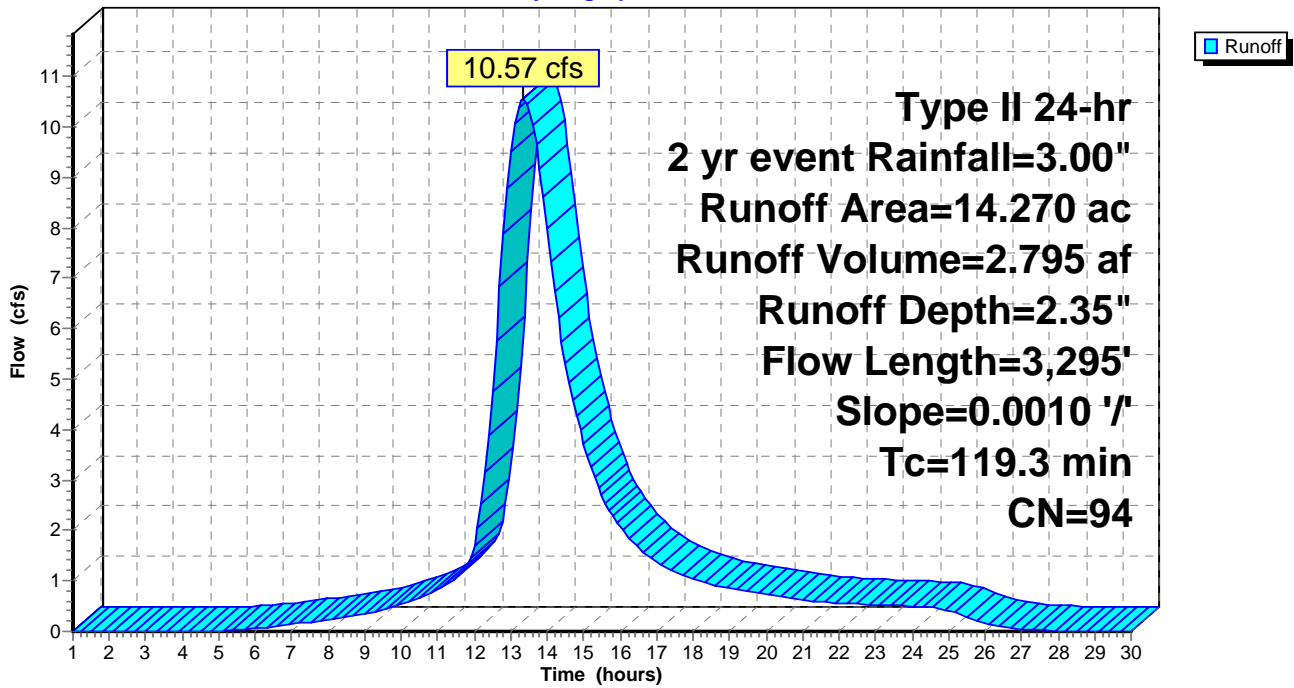
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
28.3	805	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
10.2	2,190	0.0010	3.59	739.75	<b>Channel Flow,</b> Area= 206.0 sf Perim= 94.5' r= 2.18' n= 0.022 Earth, clean & straight
119.3	3,295	Total			

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**Subcatchment 7S: South Sub B**

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Type II 24-hr 2 yr event Rainfall=3.00"

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**Summary for Pond 7P: Detention**

Inflow Area = 66.150 ac, 0.00% Impervious, Inflow Depth = 2.31" for 2 yr event event  
Inflow = 49.66 cfs @ 13.28 hrs, Volume= 12.748 af  
Outflow = 21.81 cfs @ 14.59 hrs, Volume= 12.749 af, Atten= 56%, Lag= 78.3 min  
Primary = 21.81 cfs @ 14.59 hrs, Volume= 12.749 af

Routing by Stor-Ind method, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs / 2  
Peak Elev= 1,181.19' @ 14.59 hrs Surf.Area= 2.195 ac Storage= 4.247 af

Plug-Flow detention time= 99.2 min calculated for 12.705 af (100% of inflow)  
Center-of-Mass det. time= 99.0 min ( 987.5 - 888.5 )

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	6.178 af	<b>Custom Stage Data (Prismatic)</b> Listed below

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
1,178.00	0.261	0.000	0.000
1,179.00	1.136	0.699	0.699
1,180.00	1.486	1.311	2.010
1,181.00	2.076	1.781	3.790
1,182.00	2.700	2.388	6.178

Device	Routing	Invert	Outlet Devices
#1	Primary	1,177.50'	<b>24.0" Round Culvert</b> L= 160.0' CPP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 1,177.50' / 1,177.00' S= 0.0031 '/' Cc= 0.900 n= 0.011, Flow Area= 3.14 sf
#2	Primary	1,181.50'	<b>3.0' long x 3.0' breadth Broad-Crested Rectangular Weir</b> Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 Coef. (English) 2.44 2.58 2.68 2.67 2.65 2.64 2.64 2.68 2.68 2.72 2.81 2.92 2.97 3.07 3.32

**Primary OutFlow** Max=21.81 cfs @ 14.59 hrs HW=1,181.19' (Free Discharge)

- 1=Culvert (Barrel Controls 21.81 cfs @ 6.94 fps)
- 2=Broad-Crested Rectangular Weir ( Controls 0.00 cfs)



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Type II 24-hr 2 yr event Rainfall=3.00"

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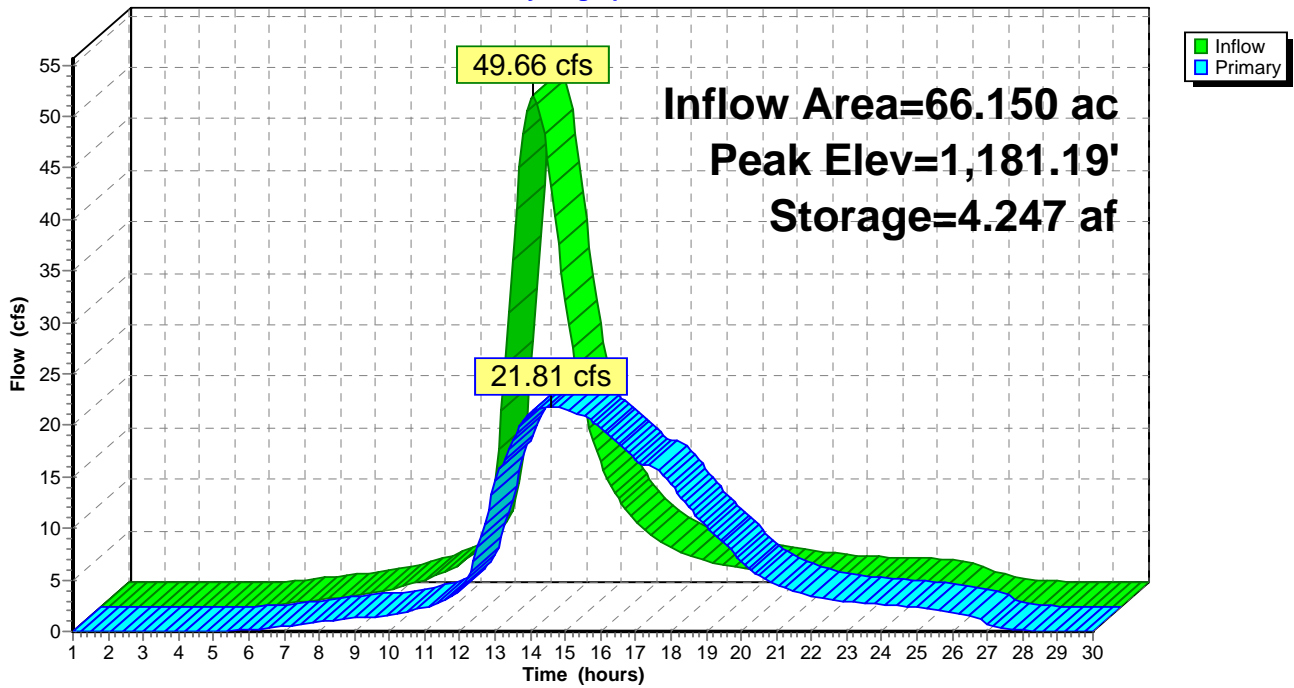
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**Pond 7P: Detention**

Hydrograph



**Proposed**

Type II 24-hr 2 yr event Rainfall=3.00"

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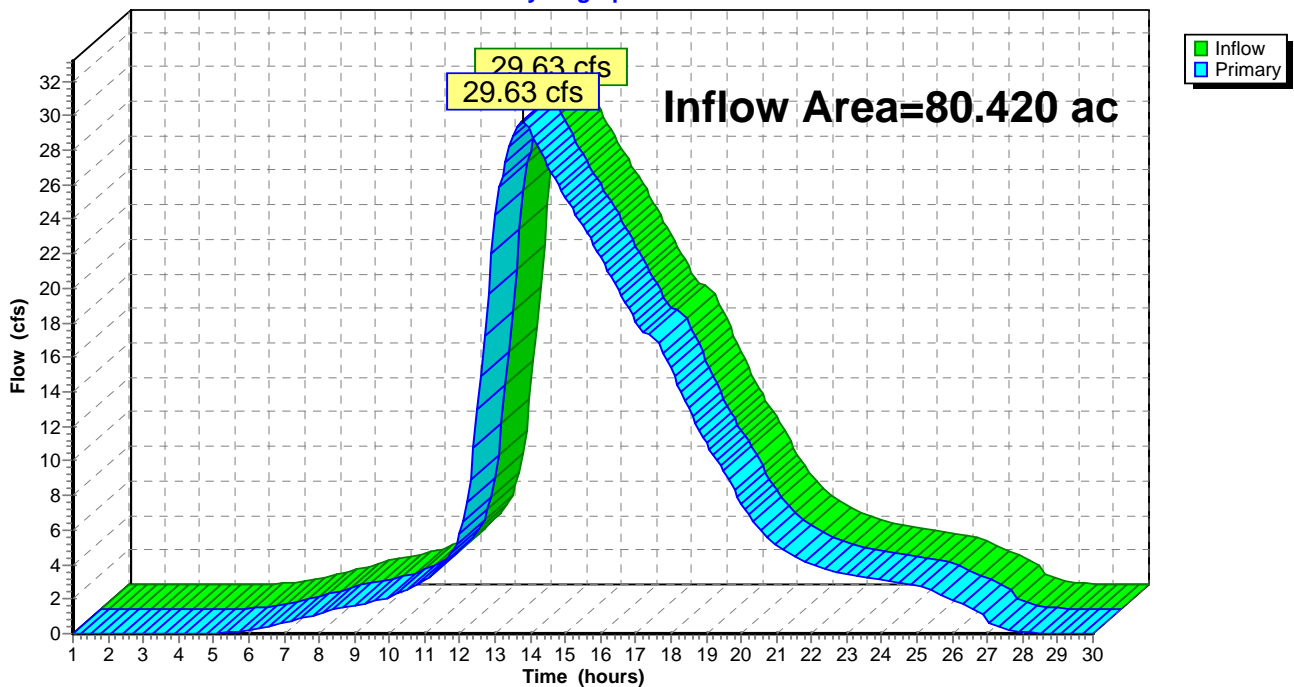
**Summary for Link 5L: (new Link)**

Inflow Area = 80.420 ac, 0.00% Impervious, Inflow Depth > 2.32" for 2 yr event event  
Inflow = 29.63 cfs @ 13.79 hrs, Volume= 15.543 af  
Primary = 29.63 cfs @ 13.79 hrs, Volume= 15.543 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs

**Link 5L: (new Link)**

Hydrograph



**Proposed**

Type II 24-hr 10 yr event Rainfall=4.50"

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Time span=1.00-30.00 hrs, dt=0.10 hrs, 291 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

**Subcatchment 1S: North Subbasin** Runoff Area=40.340 ac 0.00% Impervious Runoff Depth=3.82"  
Flow Length=3,237' Slope=0.0010 '/' Tc=121.2 min CN=94 Runoff=47.06 cfs 12.826 af

**Subcatchment 2S: South Sub A** Runoff Area=25.810 ac 0.00% Impervious Runoff Depth=3.71"  
Flow Length=2,200' Slope=0.0010 '/' Tc=102.0 min CN=93 Runoff=33.66 cfs 7.975 af

**Subcatchment 7S: South Sub B** Runoff Area=14.270 ac 0.00% Impervious Runoff Depth=3.82"  
Flow Length=3,295' Slope=0.0010 '/' Tc=119.3 min CN=94 Runoff=16.86 cfs 4.537 af

**Pond 7P: Detention** Peak Elev=1,182.00' Storage=6.177 af Inflow=79.76 cfs 20.801 af  
Outflow=28.30 cfs 19.129 af

**Link 5L: (new Link)** Inflow=43.63 cfs 23.667 af  
Primary=43.63 cfs 23.667 af

**Total Runoff Area = 80.420 ac Runoff Volume = 25.338 af Average Runoff Depth = 3.78"**  
**100.00% Pervious = 80.420 ac 0.00% Impervious = 0.000 ac**

**Proposed**

Type II 24-hr 10 yr event Rainfall=4.50"

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**Summary for Subcatchment 1S: North\_Subbasin**

Runoff = 47.06 cfs @ 13.37 hrs, Volume= 12.826 af, Depth> 3.82"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 10 yr event Rainfall=4.50"

Area (ac)	CN	Description
* 38.320	95	Soil Group D, Commercial and Business distict
2.020	80	>75% Grass cover, Good, HSG D
40.340	94	Weighted Average
40.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
30.7	875	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
9.7	2,062	0.0010	3.53	24.93	<b>Pipe Channel, RCP_Round 36"</b> 36.0" Round Area= 7.1 sf Perim= 9.4' r= 0.75' n= 0.011 Concrete pipe, straight & clean

121.2 3,237 Total

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Type II 24-hr 10 yr event Rainfall=4.50"

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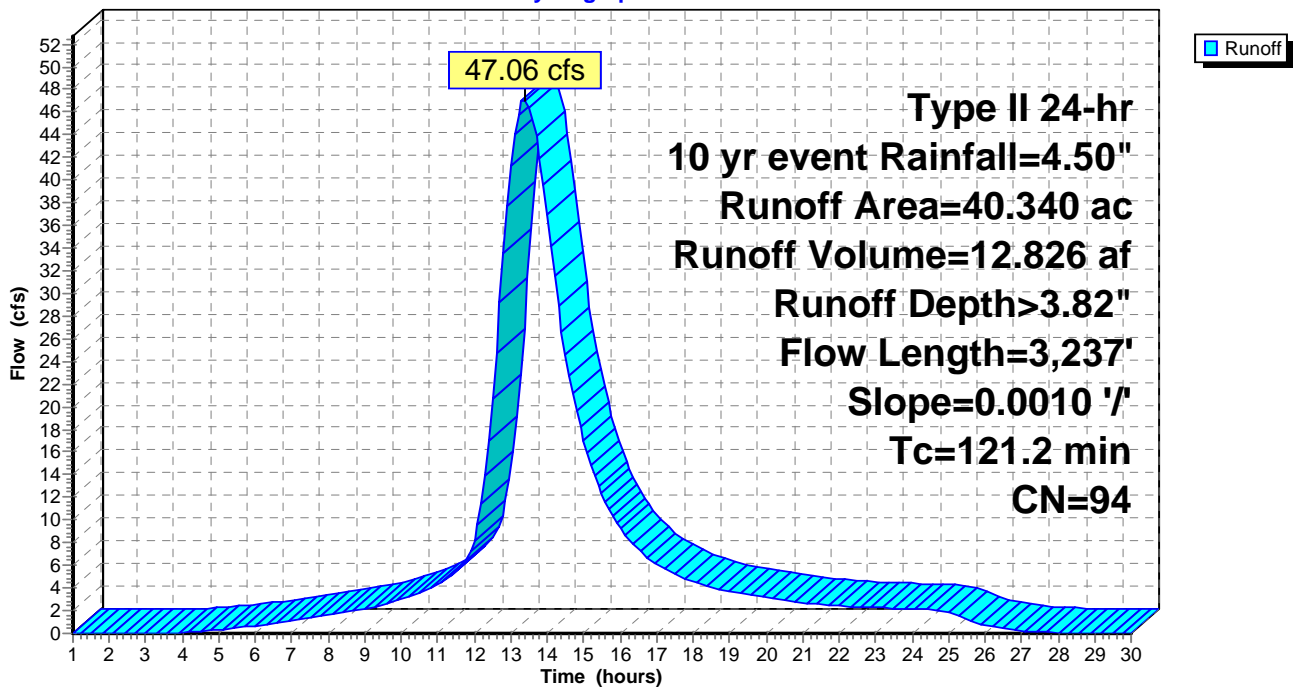
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**Subcatchment 1S: North\_Subbasin**

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Type II 24-hr 10 yr event Rainfall=4.50"

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**Summary for Subcatchment 2S: South Sub A**

Runoff = 33.66 cfs @ 13.13 hrs, Volume= 7.975 af, Depth= 3.71"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 10 yr event Rainfall=4.50"

Area (ac)	CN	Description
* 22.870	95	Soil Group D, Commercial and business
2.940	80	>75% Grass cover, Good, HSG D
25.810	93	Weighted Average
25.810		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
14.1	400	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
7.1	1,500	0.0010	3.53	24.93	<b>Pipe Channel,</b> 36.0" Round Area= 7.1 sf Perim= 9.4' r= 0.75' n= 0.011

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102.0 2,200 Total

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Type II 24-hr 10 yr event Rainfall=4.50"

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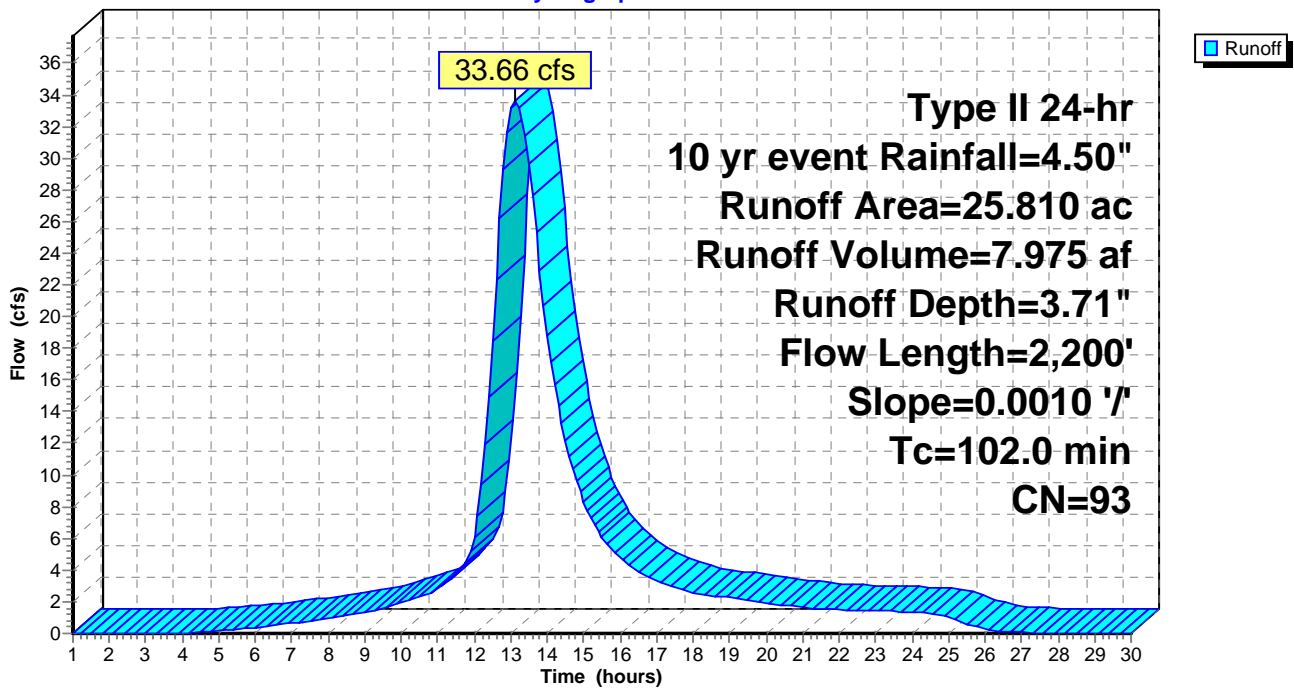
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**Subcatchment 2S: South Sub A**

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Type II 24-hr 10 yr event Rainfall=4.50"

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**Summary for Subcatchment 7S: South Sub B**

Runoff = 16.86 cfs @ 13.35 hrs, Volume= 4.537 af, Depth= 3.82"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 10 yr event Rainfall=4.50"

Area (ac)	CN	Description
* 13.556	95	Soil Group D, Commercial and Business
0.714	80	>75% Grass cover, Good, HSG D
14.270	94	Weighted Average
14.270		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
28.3	805	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
10.2	2,190	0.0010	3.59	739.75	<b>Channel Flow,</b> Area= 206.0 sf Perim= 94.5' r= 2.18' n= 0.022 Earth, clean & straight

119.3 3,295 Total



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Type II 24-hr 10 yr event Rainfall=4.50"

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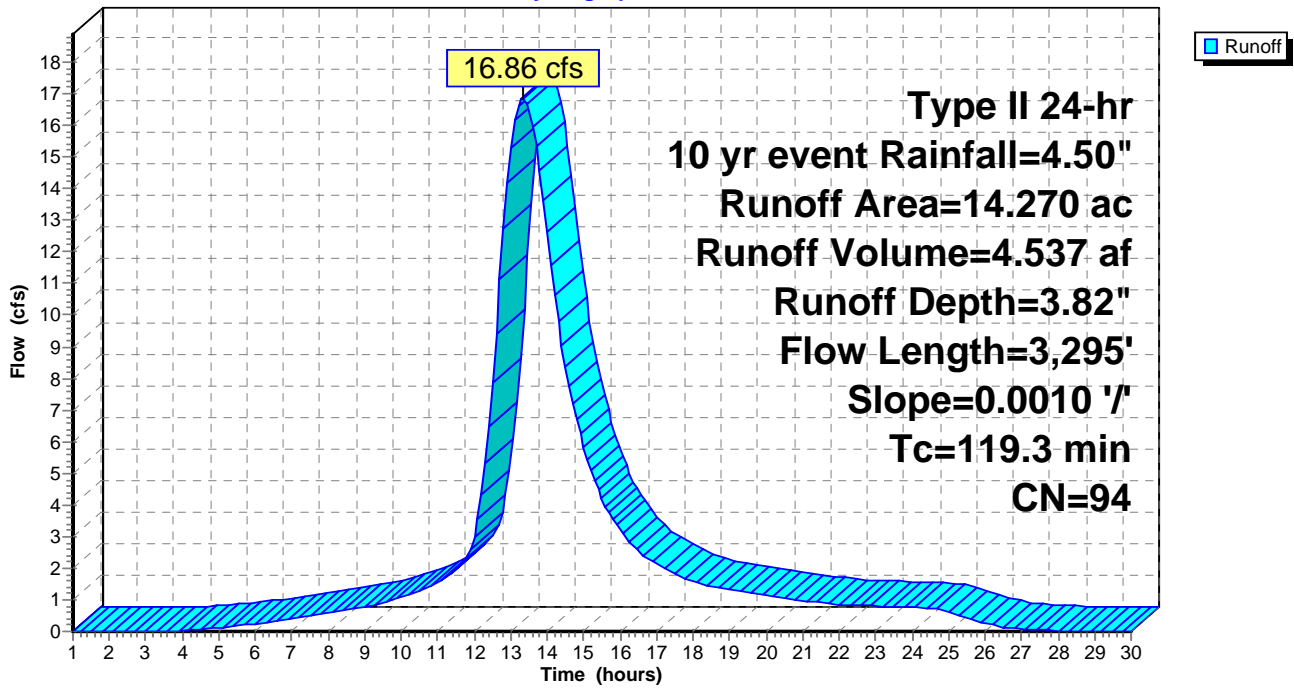
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**Subcatchment 7S: South Sub B**

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**Summary for Pond 7P: Detention**

Inflow Area = 66.150 ac, 0.00% Impervious, Inflow Depth = 3.77" for 10 yr event event  
Inflow = 79.76 cfs @ 13.27 hrs, Volume= 20.801 af  
Outflow = 28.30 cfs @ 14.80 hrs, Volume= 19.129 af, Atten= 65%, Lag= 91.7 min  
Primary = 28.30 cfs @ 14.80 hrs, Volume= 19.129 af

Routing by Stor-Ind method, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs / 2  
Peak Elev= 1,182.00' @ 14.80 hrs Surf.Area= 2.700 ac Storage= 6.177 af

Plug-Flow detention time= 164.4 min calculated for 19.064 af (92% of inflow)  
Center-of-Mass det. time= 121.4 min ( 996.6 - 875.2 )

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	6.178 af	<b>Custom Stage Data (Prismatic)</b> Listed below

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
1,178.00	0.261	0.000	0.000
1,179.00	1.136	0.699	0.699
1,180.00	1.486	1.311	2.010
1,181.00	2.076	1.781	3.790
1,182.00	2.700	2.388	6.178

Device	Routing	Invert	Outlet Devices
#1	Primary	1,177.50'	<b>24.0" Round Culvert</b> L= 160.0' CPP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 1,177.50' / 1,177.00' S= 0.0031 '/' Cc= 0.900 n= 0.011, Flow Area= 3.14 sf
#2	Primary	1,181.50'	<b>3.0' long x 3.0' breadth Broad-Crested Rectangular Weir</b> Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 Coef. (English) 2.44 2.58 2.68 2.67 2.65 2.64 2.64 2.68 2.68 2.72 2.81 2.92 2.97 3.07 3.32

**Primary OutFlow** Max=28.30 cfs @ 14.80 hrs HW=1,182.00' (Free Discharge)

- 1=Culvert (Barrel Controls 25.52 cfs @ 8.12 fps)
- 2=Broad-Crested Rectangular Weir (Weir Controls 2.78 cfs @ 1.86 fps)

**Proposed**

Type II 24-hr 10 yr event Rainfall=4.50"

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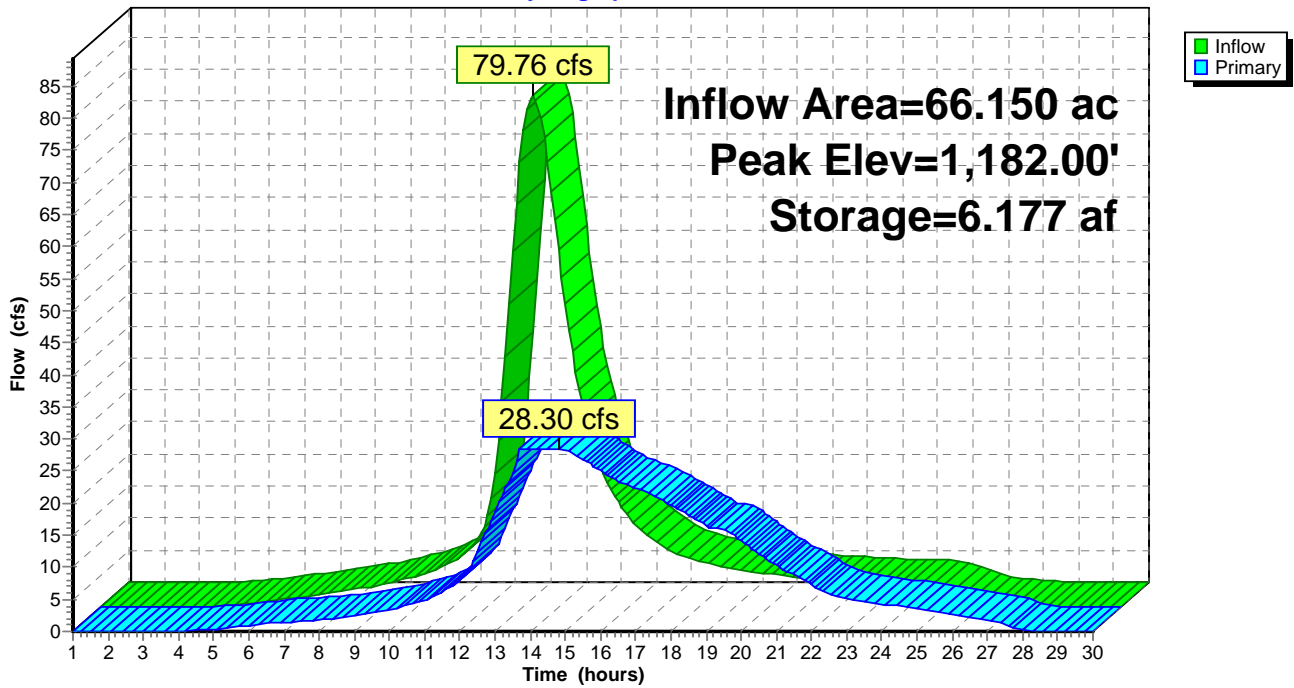
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**Pond 7P: Detention**

Hydrograph



**Proposed**

Type II 24-hr 10 yr event Rainfall=4.50"

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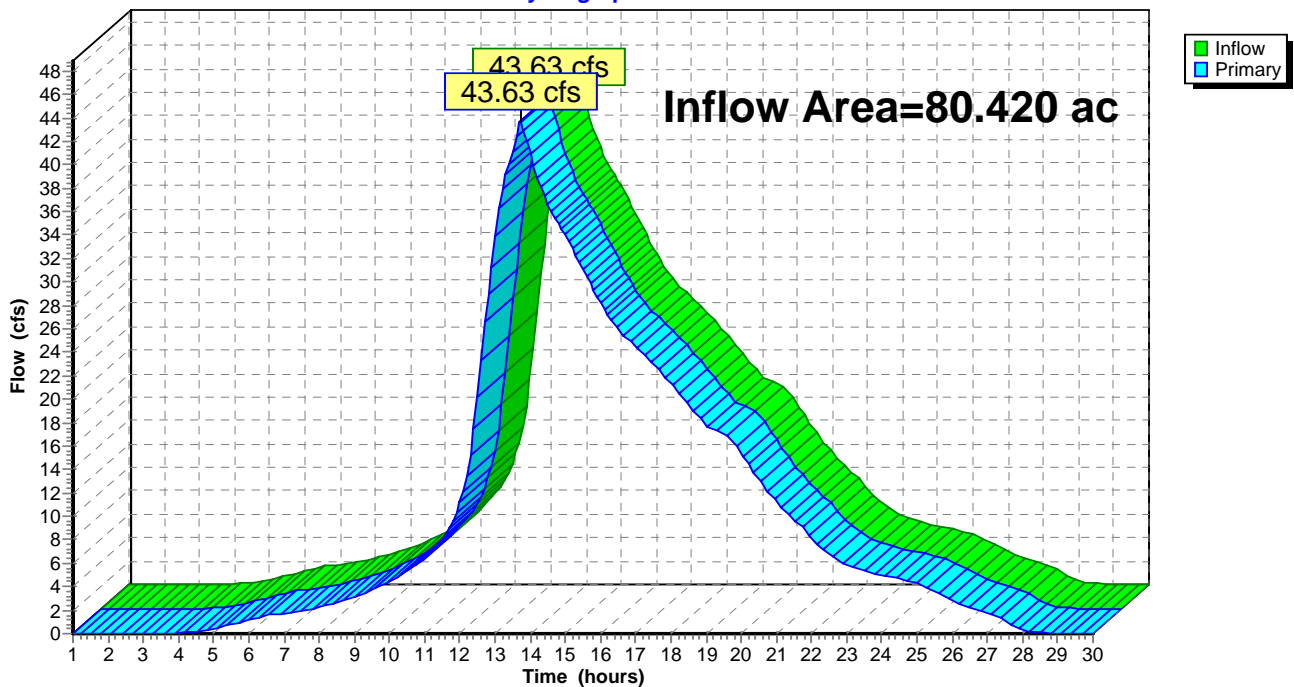
**Summary for Link 5L: (new Link)**

Inflow Area = 80.420 ac, 0.00% Impervious, Inflow Depth > 3.53" for 10 yr event event  
Inflow = 43.63 cfs @ 13.71 hrs, Volume= 23.667 af  
Primary = 43.63 cfs @ 13.71 hrs, Volume= 23.667 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs

**Link 5L: (new Link)**

Hydrograph



**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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Time span=1.00-30.00 hrs, dt=0.10 hrs, 291 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

**Subcatchment 1S: North Subbasin** Runoff Area=40.340 ac 0.00% Impervious Runoff Depth=5.99"  
Flow Length=3,237' Slope=0.0010 '/' Tc=121.2 min CN=94 Runoff=72.57 cfs 20.138 af

**Subcatchment 2S: South Sub A** Runoff Area=25.810 ac 0.00% Impervious Runoff Depth=5.87"  
Flow Length=2,200' Slope=0.0010 '/' Tc=102.0 min CN=93 Runoff=52.36 cfs 12.635 af

**Subcatchment 7S: South Sub B** Runoff Area=14.270 ac 0.00% Impervious Runoff Depth=5.99"  
Flow Length=3,295' Slope=0.0010 '/' Tc=119.3 min CN=94 Runoff=26.00 cfs 7.124 af

**Pond 7P: Detention** Peak Elev=1,185.29' Storage=6.178 af Inflow=123.41 cfs 32.773 af  
Outflow=103.87 cfs 29.485 af

**Link 5L: (new Link)** Inflow=129.79 cfs 36.608 af  
Primary=129.79 cfs 36.608 af

**Total Runoff Area = 80.420 ac Runoff Volume = 39.897 af Average Runoff Depth = 5.95"**  
**100.00% Pervious = 80.420 ac 0.00% Impervious = 0.000 ac**

**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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**Summary for Subcatchment 1S: North\_Subbasin**

Runoff = 72.57 cfs @ 13.36 hrs, Volume= 20.138 af, Depth= 5.99"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 100 yr event Rainfall=6.70"

Area (ac)	CN	Description
* 38.320	95	Soil Group D, Commercial and Business distict
2.020	80	>75% Grass cover, Good, HSG D
40.340	94	Weighted Average
40.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
30.7	875	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
9.7	2,062	0.0010	3.53	24.93	<b>Pipe Channel, RCP_Round 36"</b> 36.0" Round Area= 7.1 sf Perim= 9.4' r= 0.75' n= 0.011 Concrete pipe, straight & clean

121.2 3,237 Total

**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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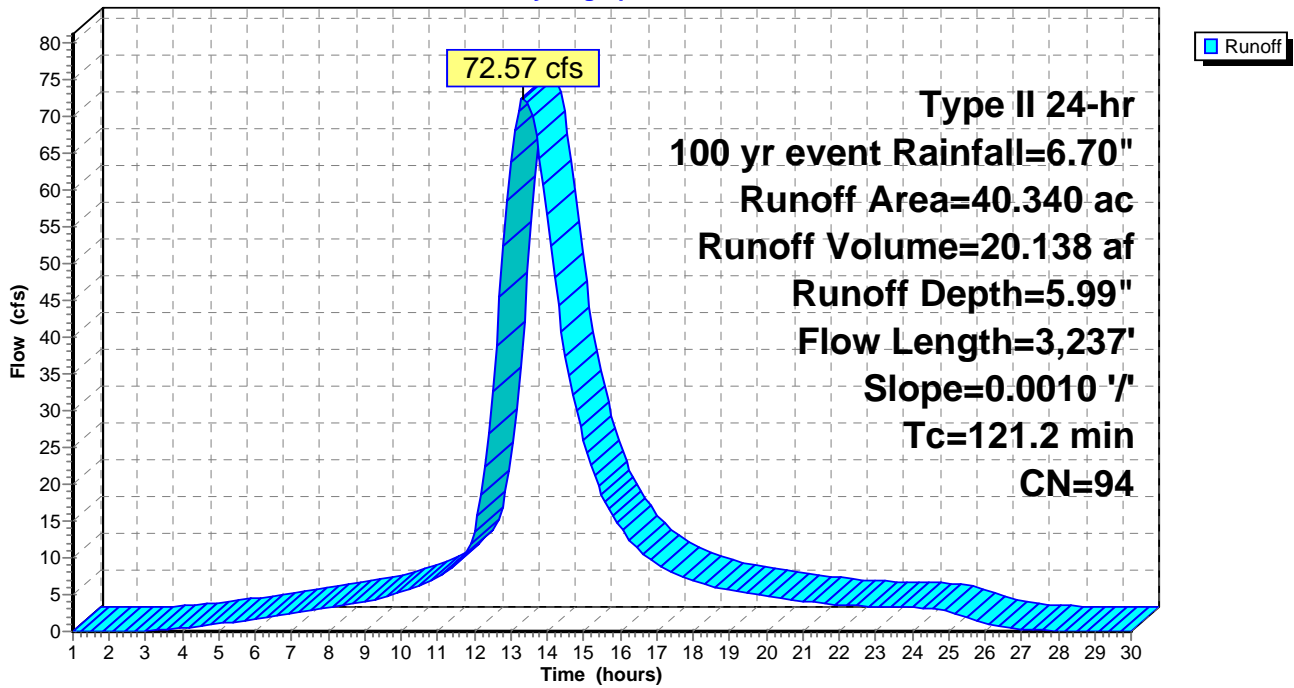
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**Subcatchment 1S: North\_Subbasin**

Hydrograph



**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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**Summary for Subcatchment 2S: South Sub A**

Runoff = 52.36 cfs @ 13.12 hrs, Volume= 12.635 af, Depth= 5.87"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 100 yr event Rainfall=6.70"

Area (ac)	CN	Description
* 22.870	95	Soil Group D, Commercial and business
2.940	80	>75% Grass cover, Good, HSG D
25.810	93	Weighted Average
25.810		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
14.1	400	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
7.1	1,500	0.0010	3.53	24.93	<b>Pipe Channel,</b> 36.0" Round Area= 7.1 sf Perim= 9.4' r= 0.75' n= 0.011

102.0 2,200 Total

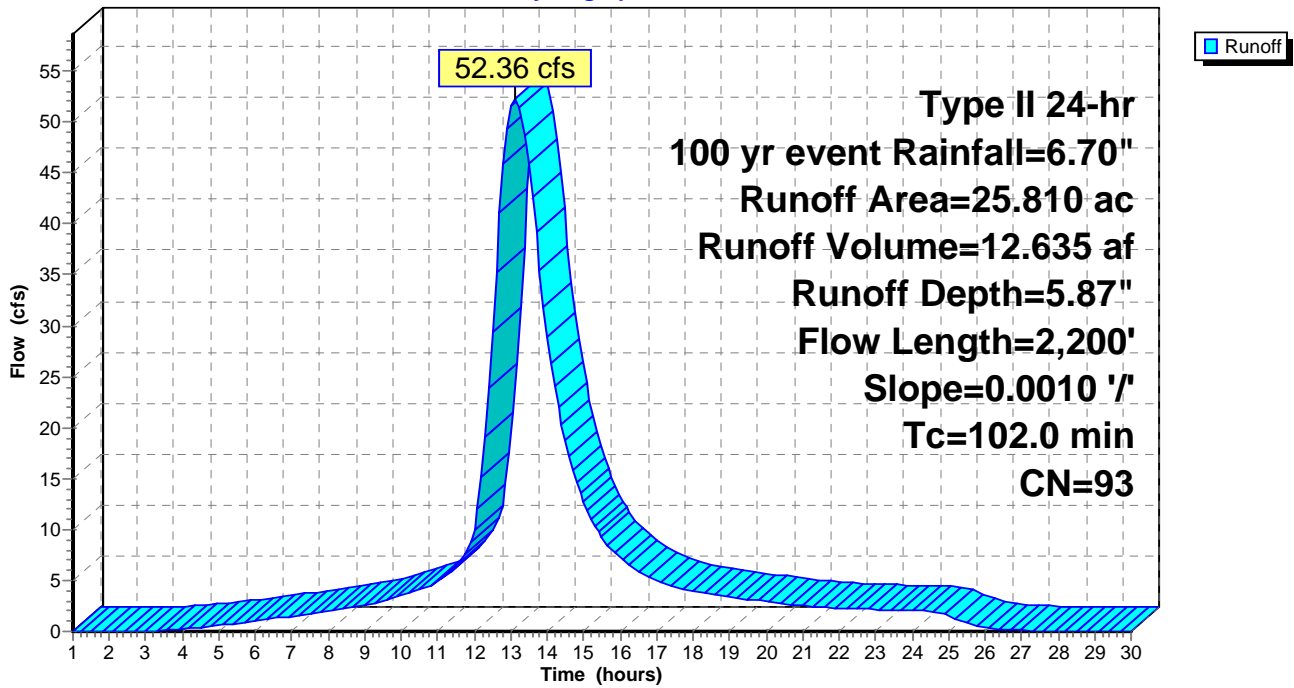


**Proposed**

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**Subcatchment 2S: South Sub A**

Hydrograph



**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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**Summary for Subcatchment 7S: South Sub B**

Runoff = 26.00 cfs @ 13.34 hrs, Volume= 7.124 af, Depth= 5.99"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs  
Type II 24-hr 100 yr event Rainfall=6.70"

Area (ac)	CN	Description
* 13.556	95	Soil Group D, Commercial and Business
0.714	80	>75% Grass cover, Good, HSG D
14.270	94	Weighted Average
14.270		100.00% Pervious Area

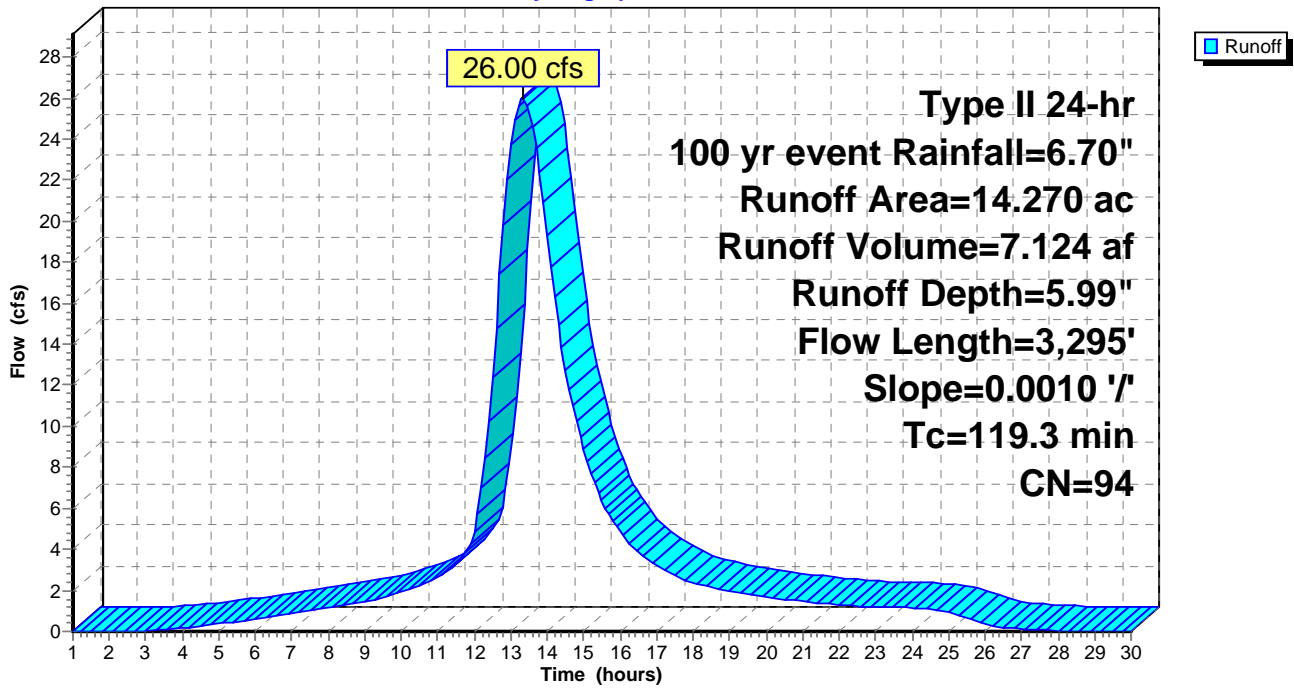
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
80.8	300	0.0010	0.06		<b>Sheet Flow,</b> Grass: Short n= 0.150 P2= 3.00"
28.3	805	0.0010	0.47		<b>Shallow Concentrated Flow,</b> Grassed Waterway Kv= 15.0 fps
10.2	2,190	0.0010	3.59	739.75	<b>Channel Flow,</b> Area= 206.0 sf Perim= 94.5' r= 2.18' n= 0.022 Earth, clean & straight
119.3	3,295	Total			

**Proposed**

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**Subcatchment 7S: South Sub B**

Hydrograph



**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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**Summary for Pond 7P: Detention**

[93] Warning: Storage range exceeded by 3.29'

Inflow Area = 66.150 ac, 0.00% Impervious, Inflow Depth = 5.95" for 100 yr event event  
Inflow = 123.41 cfs @ 13.27 hrs, Volume= 32.773 af  
Outflow = 103.87 cfs @ 13.27 hrs, Volume= 29.485 af, Atten= 16%, Lag= 0.0 min  
Primary = 103.87 cfs @ 13.27 hrs, Volume= 29.485 af

Routing by Stor-Ind method, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs / 2  
Peak Elev= 1,185.29' @ 13.27 hrs Surf.Area= 2.700 ac Storage= 6.178 af

Plug-Flow detention time= 154.0 min calculated for 29.485 af (90% of inflow)  
Center-of-Mass det. time= 101.4 min ( 965.3 - 863.9 )

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	6.178 af	<b>Custom Stage Data (Prismatic)</b> Listed below
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
1,178.00	0.261	0.000	0.000
1,179.00	1.136	0.699	0.699
1,180.00	1.486	1.311	2.010
1,181.00	2.076	1.781	3.790
1,182.00	2.700	2.388	6.178

Device	Routing	Invert	Outlet Devices
#1	Primary	1,177.50'	<b>24.0" Round Culvert</b> L= 160.0' CPP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 1,177.50' / 1,177.00' S= 0.0031 '/' Cc= 0.900 n= 0.011, Flow Area= 3.14 sf
#2	Primary	1,181.50'	<b>3.0' long x 3.0' breadth Broad-Crested Rectangular Weir</b> Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 Coef. (English) 2.44 2.58 2.68 2.67 2.65 2.64 2.64 2.68 2.68 2.72 2.81 2.92 2.97 3.07 3.32

**Primary OutFlow** Max=103.58 cfs @ 13.27 hrs HW=1,185.28' (Free Discharge)

- 1=Culvert (Barrel Controls 36.92 cfs @ 11.75 fps)
- 2=Broad-Crested Rectangular Weir (Weir Controls 66.67 cfs @ 5.88 fps)

**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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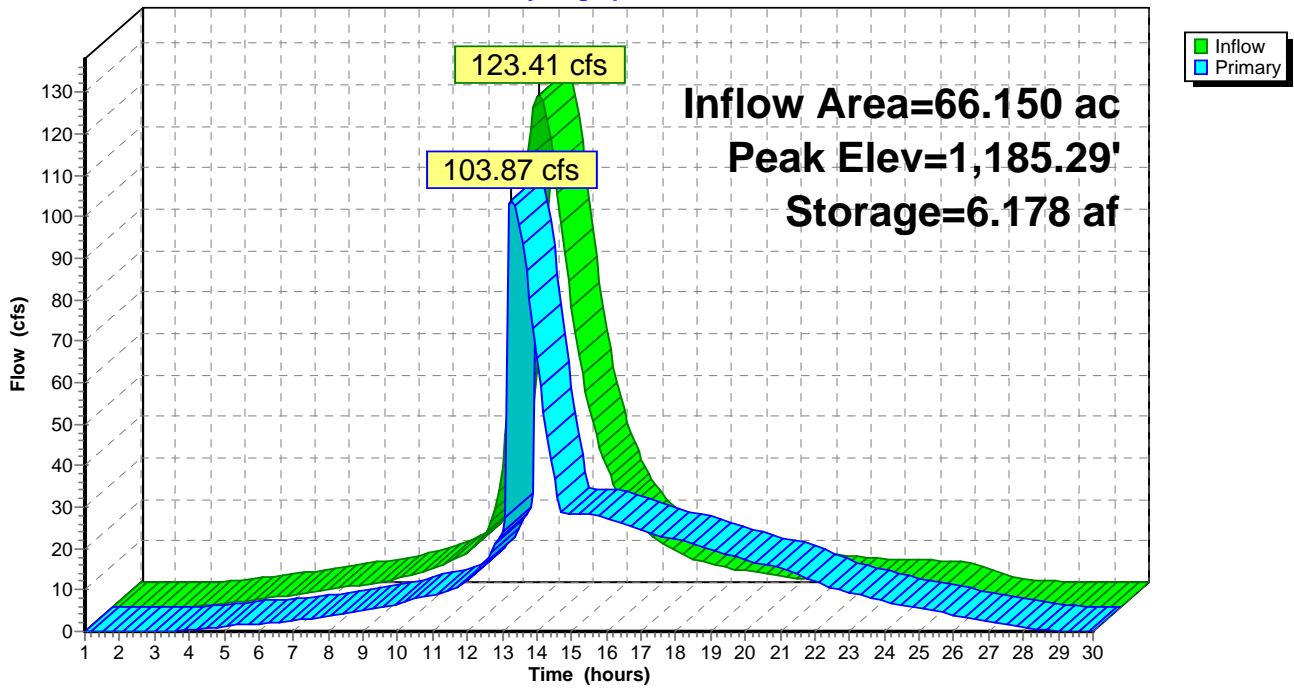
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**Pond 7P: Detention**

Hydrograph



**Proposed**

Type II 24-hr 100 yr event Rainfall=6.70"

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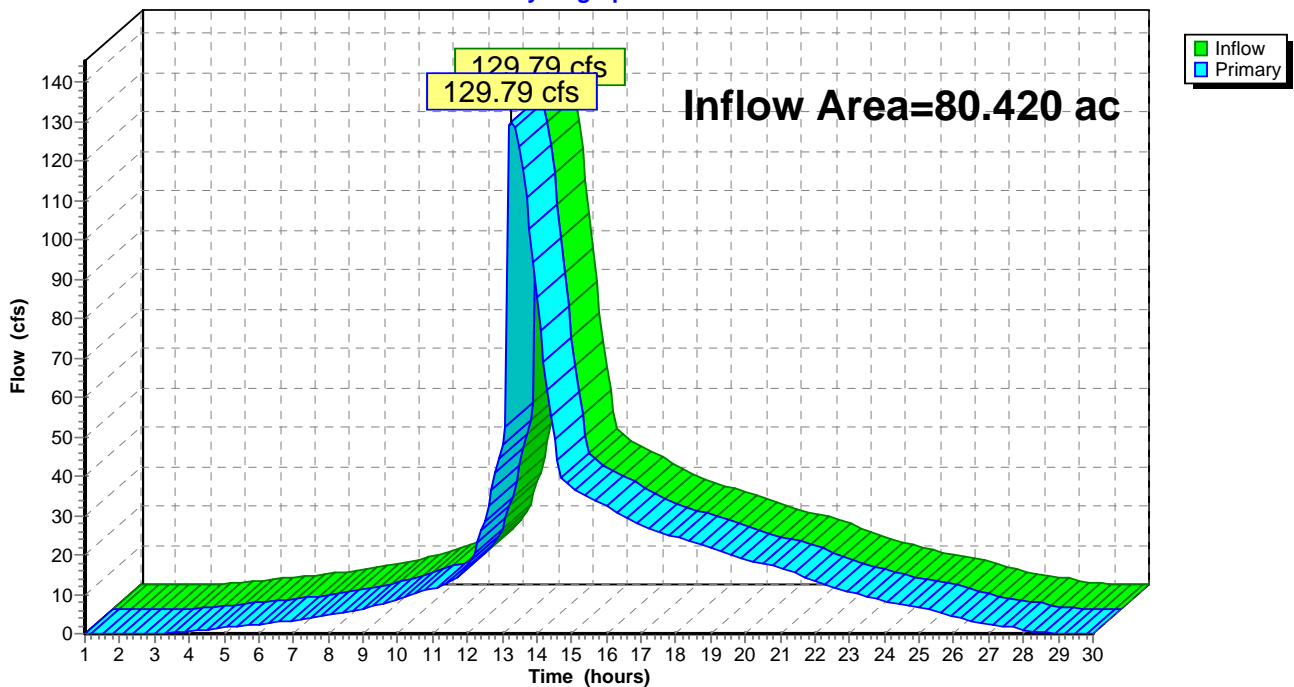
**Summary for Link 5L: (new Link)**

Inflow Area = 80.420 ac, 0.00% Impervious, Inflow Depth > 5.46" for 100 yr event event  
Inflow = 129.79 cfs @ 13.27 hrs, Volume= 36.608 af  
Primary = 129.79 cfs @ 13.27 hrs, Volume= 36.608 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-30.00 hrs, dt= 0.10 hrs

**Link 5L: (new Link)**

Hydrograph





**DEPARTMENT OF THE ARMY**  
CORPS OF ENGINEERS, OMAHA DISTRICT  
NEBRASKA REGULATORY OFFICE  
8901 SOUTH 154<sup>TH</sup> STREET, SUITE 1  
OMAHA, NEBRASKA 68138-3621

<http://www.nwo.usace.army.mil/Missions/RegulatoryProgram/Nebraska.aspx>

July 30, 2014

**DEPARTMENT OF THE ARMY NATIONWIDE PERMIT VERIFICATION**

**Permittee:**

Mr. Justin Zetterman  
City of Fremont  
400 East Military Avenue  
Fremont, Nebraska 68025

**Permit No:** 2014-01528-WEH

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the U.S. Army Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions of Department of the Army Nationwide Permit No. 14 found in the February 21, 2012 Federal Register (77 FR 10184), Reissuance of Nationwide Permits. You must comply with all special, regional and general conditions attached herein.

**Project Waterway and Location:**

Rawhide Creek  
SW ¼ of Section 12, Township 7 North, Range 8 East  
41.455069°N, -96.478056°W  
Dodge County, Nebraska

**Project Name:** Lincoln Avenue Culvert Project

**Date of Receipt:** June 19, 2014

**Project Description:**

A triple 12' x 6' x 69' concrete box culvert will be constructed crossing Rawhide Creek. This will impact 0.072 acres of PEMA/C riverine wetlands and 0.0124 acres below ordinary high water of Rawhide Creek. A temporary crossing is not authorized with this verification. Riprap was not included in this authorization.

**Special Conditions:**

1. Concurrent with construction, silt curtains or other sediment control measures will be employed to reduce soil erosion and sedimentation into waters of the U.S. The amount of sediment entering waters of the U.S. and leaving the site shall be reduced to the maximum extent practicable. If the permittee fails to institute all appropriate measures, the U.S. Army Corps of Engineers (Corps) reserves the option to halt all earthmoving operations until the erosion / sedimentation problems are corrected.
2. The permittee shall notify the Nebraska Regulatory Office of any design changes to the proposed project. Notification must be received in our office for review a minimum of 14 days prior to construction.
3. Construction mats or timber mats must be used to minimize heavy machinery impacting any wetlands or waters of the U.S. All mats will be removed upon completion of construction and any disturbance of wetlands or waters of the U.S. will be restored by minor grading to preconstruction conditions. Disturbed areas will be seeded and erosion control measures will be implemented as appropriate.

4. Any temporary fill (i.e. bridge debris, construction debris, etc.) discharged below the ordinary high water mark shall be removed on a daily basis. All debris shall be disposed of upland in such a manner that it cannot enter any wetlands or waters of the U.S.

**Regional Conditions:**

1. All areas adjacent (contiguous, bordering, neighboring) to jurisdictional waters disturbed by construction shall be revegetated with appropriate perennial, native grasses and forbs and maintained in this condition. *Phalaris arundinacea* (Reed Canary Grass), *Lythrum salicaria* (Purple Loosestrife), *Bromus inermis* (Smooth Brome), *Phragmites, sp.* (Common Reed, River Reed) and *Tamarix, sp.* (Salt Cedar), are *NOT* appropriate choices of vegetation. A cover crop may be planted to aid in the establishment of native vegetation. The disturbed areas shall be reseeded concurrent with the project or immediately upon completion. Revegetation shall be acceptable when ground cover of desirable species reaches 75%. If this seeding cannot be accomplished by September 15 the year of project completion, then an erosion blanket shall be placed on the disturbed areas. The erosion blanket shall remain in place until ground cover of desirable species reaches 75%. If the seeding can be accomplished by September 15, all seeded areas shall be properly mulched to prevent additional erosion.

2. When the vegetation has become established, all temporary erosion control materials shall be removed from the project site. Biodegradable or photodegradable materials need not be removed.

3. The use of dredged material in the construction of temporary structures or used for temporary work or used as temporary fill shall not be allowed. The term "dredged material" means material that is excavated or dredged from waters of the U.S. All temporary fill material shall be obtained from an upland source.

4. Plans for the temporary structure/work/fill shall be submitted to and approved by the Nebraska Regulatory Office prior to the commencement of construction.

5. At the completion of the construction activity, all temporary fill material shall be removed in its entirety from the water of the U.S. to an upland area and the affected area shall be restored to its pre-construction condition.

6. The Nebraska Regulatory Office shall be notified with documentation (i.e. photos) when the site has been restored to its pre-project condition.

7. The permittee is responsible for ensuring that the Corps is notified of the location of any borrow site that will be used in conjunction with the construction of the authorized activity so that the Corps may evaluate the site for potential impacts to aquatic resources, historic properties, and endangered species. For projects where there is another lead federal agency, the permittee shall provide the Corps documentation indicating that the lead federal agency has complied with the National Historic Preservation Act and Endangered Species Act for the borrow site. The permittee shall not initiate work at the borrow site in conjunction with the authorized activity until approval is received from the Corps.

**General Conditions:**

See attached NWP I4 Fact Sheet.

**Further Information:**

1. We have prepared a preliminary jurisdictional determination (JD) for the site which is a written indication that waterways within your project area may be a water of the U.S. Such waters have been treated as jurisdictional waters of the U.S. for purposes of computation of impacts and compensatory



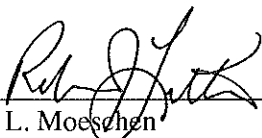
mitigation requirements. If you concur with the findings of the enclosed preliminary JD, please sign it and return it to the above address within two weeks.

2. If you believe the preliminary JD is inaccurate, you may request this office complete an approved JD prior to your commencement of any work in a water of the U.S. An approved JD is an official determination regarding the presence or absence of waters of the U.S. Completion of an approved JD may require coordination with the U.S. Environmental Protection Agency.
3. Upon completion of the authorized work and any required mitigation, please sign and return the attached Compliance Certification form to the address listed.
4. This verification will be valid until **March 18, 2017**.
5. Although an individual Department of the Army permit will not be required for the project, this does not eliminate the requirement that you obtain any other applicable Federal, state, tribal or local permits as required. Please note that deviations from the original plans and specifications of your project could require additional authorization from this office.

6. You are responsible for all work accomplished in accordance with the terms and conditions of the Nationwide Permit. If a contractor or other authorized representative will be accomplishing the work authorized by the Nationwide Permit in your behalf, it is strongly recommended that they be provided a copy of this letter and the attached conditions so that they are aware of the limitations of the applicable Nationwide Permit. Any activity that fails to comply with all of the terms and conditions of the Nationwide Permit will be considered unauthorized and subject to appropriate enforcement action.

The Omaha District, Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete our Customer Service Survey on our website at [http://corpsmapu.usace.army.mil/cm\\_apex/f?p=regulatory\\_survey](http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey). If you do not have internet access, you may call and request a paper copy of the survey that you can complete and return to us by mail or fax.

7. If you have any questions concerning this verification or JD, please feel free to contact Mr. Matt Wray at the above address or call (402) 896-0896 or e-mail at [matt.t.wray@usace.army.mil](mailto:matt.t.wray@usace.army.mil) and refer to file number **2014-01528-WEH**.

Signed   
for John L. Moeschen  
Nebraska State Program Manager

Enclosures

cc:  
NDEQ (Jason Garber)  
Speece Lewis Engineers (John Dolson)

**Appendix C**  

---

**Reconnaissance Photographs**



**Photo #1** View looking west at adjacent property.



**Photo #2** View looking west at adjacent property.



**Photo #3** View looking north at adjacent property.



**Photo #4** View looking east at adjacent property.



**Photo #5** View looking south at adjacent property.



**Photo #6** View looking south at adjacent property.



**Photo #7** View looking south at adjacent property.



**Photo #8** View looking west across Property.



**Photo #9** View looking west, along the north boundary of the Property.



**Photo #10** View looking east, along the north boundary of the Property.



**Photo #11** View looking northeast across the Property.



**Photo #12** View looking southeast across the Property.





**Photo #13** View looking west, along the south boundary of the Property.



**Photo #14** Utility building on west side of the Property.



**Photo #15** Utility building and generator, located on the south side of the Property.



**Photo #16** Generator, located on the south side of the Property.



**Photo #17** 55-gallon drums, located on the adjacent property to the South.



**Photo #18** Pole-mounted transformer, located on the west side of the Property.





**Photo #19** Pad-mounted transformer, located on the south side of the Property.



**Photo #20** Trash located in the middle of the Property.



**Photo #21** Trash located on the south side of the property.



**Photo #22** Natural gas pipeline, crossing the north side of the Property.



**Photo #23** Abandoned water well.



**Photo #24** Abandoned water well.

**Appendix D**  

---

**Historical Information**



**Greater Fremont Development Council**

2800 N Yager Rd

Fremont, NE 68025

Inquiry Number: 4134242.4

November 14, 2014



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# 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.

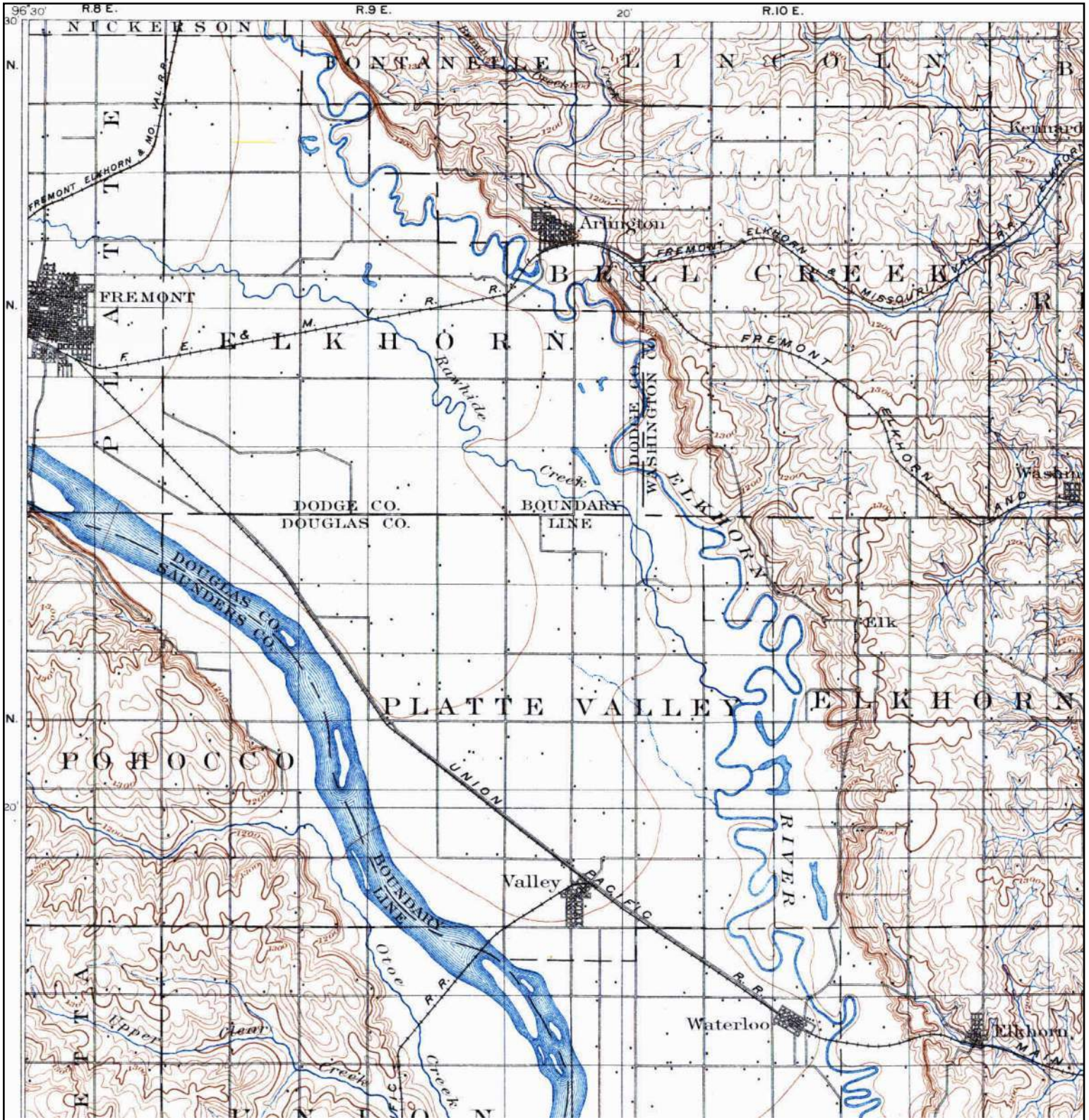
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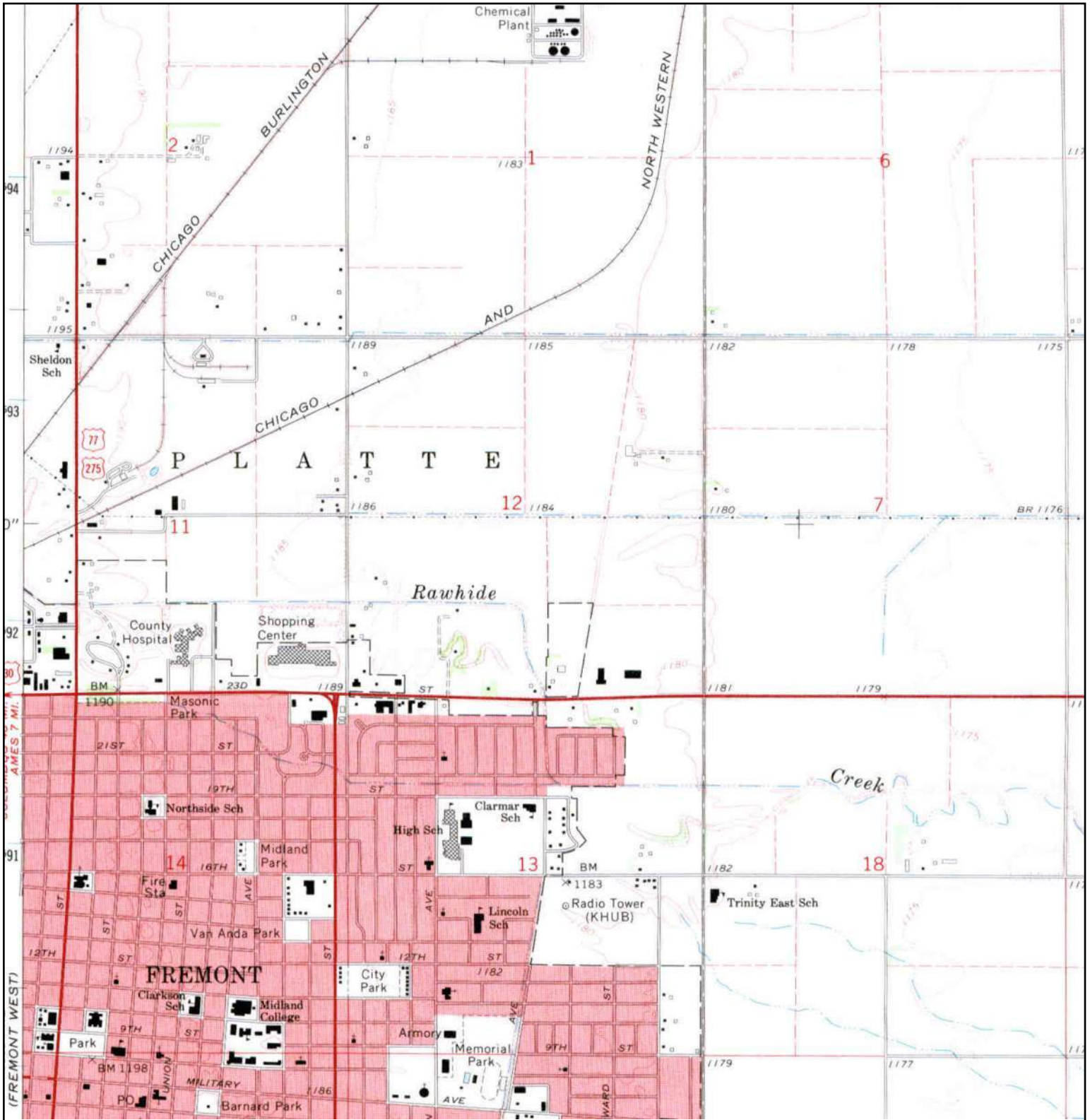
# Historical Topographic Map




<p>N</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b>	Greater Fremont Development Council	<b>CLIENT:</b>	Olsson Associates
	NAME: FREMONT	ADDRESS:	2800 N Yager Rd	CONTACT:	Ryan Doty
	MAP YEAR: 1896		Fremont, NE 68025	INQUIRY#:	4134242.4
	SERIES: 30	LAT/LONG:	41.4568 / -96.4763	RESEARCH DATE:	11/14/2014
	SCALE: 1:125000				

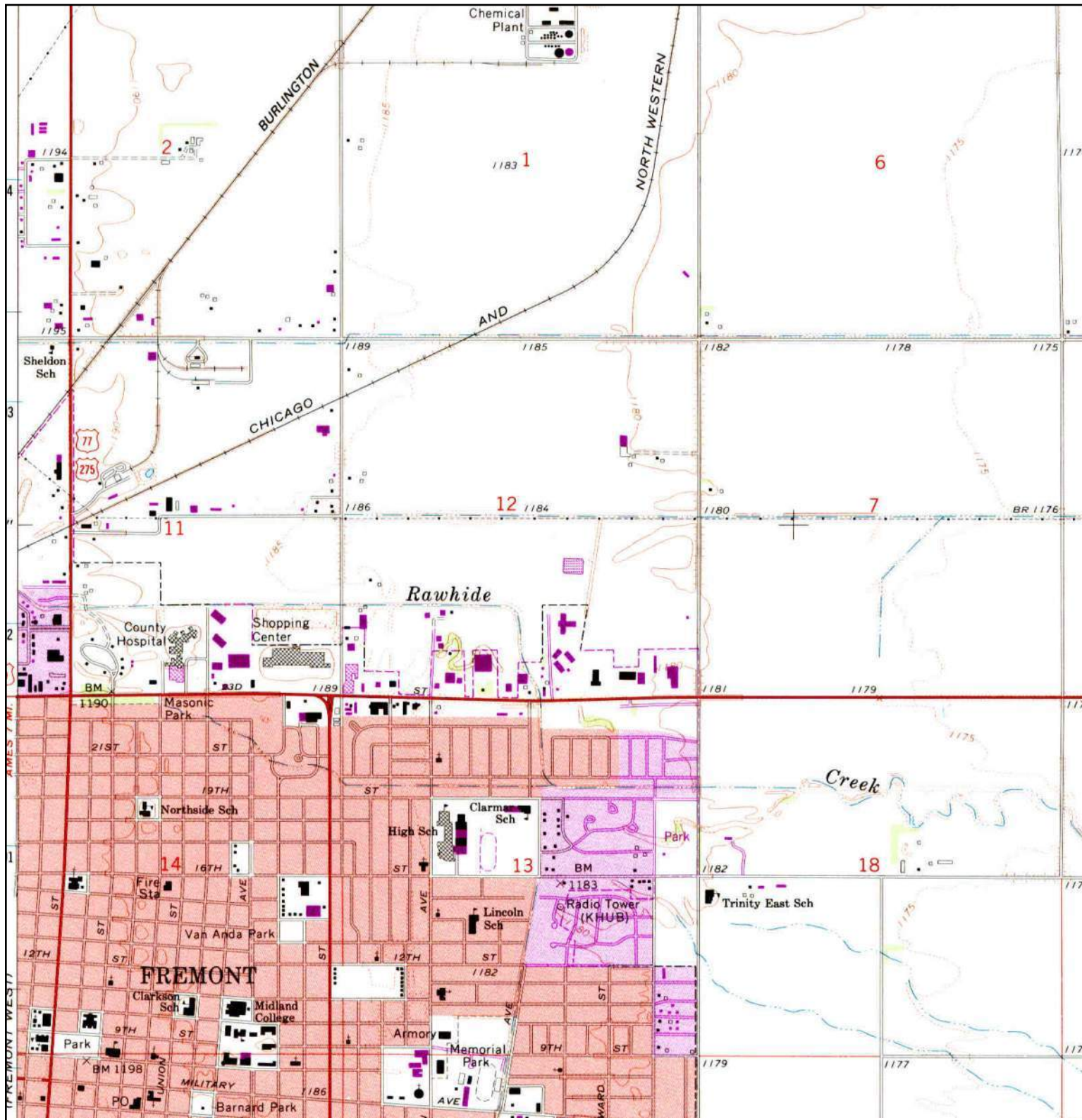


# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: FREMONT EAST MAP YEAR: 1968	SITE NAME: Greater Fremont Development Council ADDRESS: 2800 N Yager Rd Fremont, NE 68025	CLIENT: Olsson Associates CONTACT: Ryan Doty INQUIRY#: 4134242.4
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 41.4568 / -96.4763	RESEARCH DATE: 11/14/2014

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b>	Greater Fremont Development Council	<b>CLIENT:</b>	Olsson Associates
	NAME: FREMONT EAST	<b>ADDRESS:</b>	2800 N Yager Rd	<b>CONTACT:</b>	Ryan Doty
	MAP YEAR: 1983		Fremont, NE 68025	<b>INQUIRY#:</b>	4134242.4
	PHOTOREVISED FROM :1968	<b>LAT/LONG:</b>	41.4568 / -96.4763	<b>RESEARCH DATE:</b>	11/14/2014
	SERIES: 7.5				
	SCALE: 1:24000				



**Greater Fremont Development Council**

2800 N Yager Rd

Fremont, NE 68025

Inquiry Number: 4134242.9

November 14, 2014



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# 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 November 14, 2014

**Target Property:**

2800 N Yager Rd

Fremont, NE 68025

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1952	Aerial Photograph. Scale: 1"=500'	Flight Date: April 14, 1952	EDR
1952	Aerial Photograph. Scale: 1"=500'	Flight Date: April 14, 1952	EDR
1966	Aerial Photograph. Scale: 1"=500'	Flight Date: April 21, 1966	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Flight Date: October 23, 1981	EDR
1987	Aerial Photograph. Scale: 1"=1000'	Flight Date: August 29, 1987	EDR
1993	Aerial Photograph. Scale: 1"=750'	Flight Date: April 22, 1993	EDR
1999	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 04, 1999	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4134242.9

YEAR: 1952

| = 500'







**INQUIRY #:** 4134242.9

**YEAR:** 1952

| = 500'





**INQUIRY #:** 4134242.9

**YEAR:** 1966

| = 500'







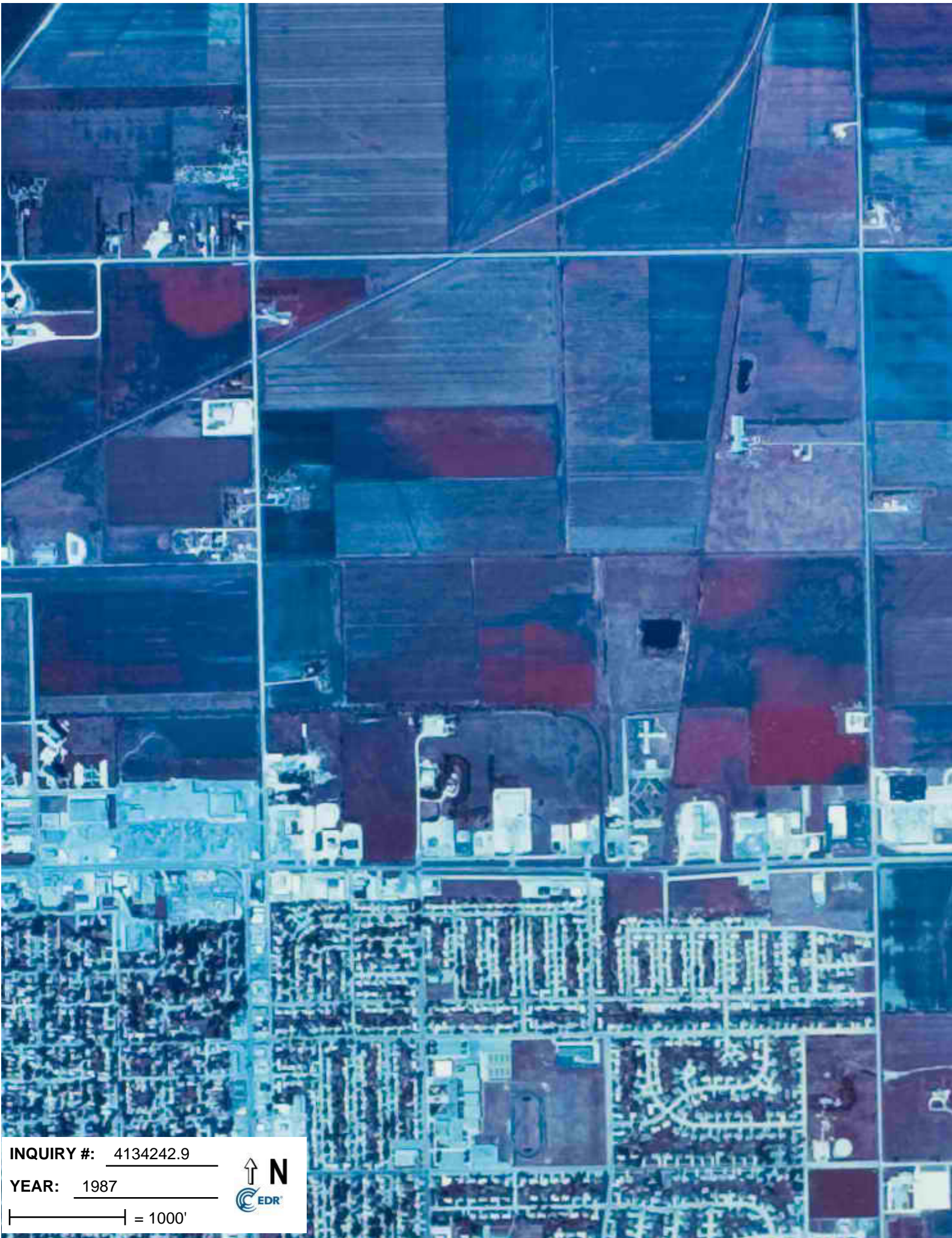
**INQUIRY #:** 4134242.9

**YEAR:** 1981

| = 1000'







**INQUIRY #:** 4134242.9

**YEAR:** 1987

| = 1000'







**INQUIRY #:** 4134242.9

**YEAR:** 1993

| = 750'





INQUIRY #: 4134242.9

YEAR: 1999

| = 500'







**INQUIRY #:** 4134242.9

**YEAR:** 2006

| = 500'







INQUIRY #: 4134242.9

YEAR: 2009

| = 500'







**INQUIRY #:** 4134242.9

**YEAR:** 2010

| = 500'







INQUIRY #: 4134242.9

YEAR: 2012

| = 500'



**Greater Fremont Development Council**

2800 N Yager Rd  
Fremont, NE 68025

Inquiry Number: 4134242.5  
November 18, 2014

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*  
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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 checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1958	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

### RECORD SOURCES

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## FINDINGS

### TARGET PROPERTY STREET

2800 N Yager Rd  
Fremont, NE 68025

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

### N YAGER RD

2013	pg A1	Cole Information Services
2008	pg A3	Cole Information Services
2003	pg A5	Cole Information Services
1999	pg A7	Cole Information Services
1987	pg A12	Polk's City Directory
1982	pg A13	Polk's City Directory
1977	pg A14	Polk's City Directory
1972	pg A15	Polk's City Directory
1968	pg A16	Polk's City Directory
1964	pg A17	Polk's City Directory
1958	pg A18	Polk's City Directory

### YAGER RD

1995	pg A9	Cole Information Services
1992	pg A11	Cole Information Services

## FINDINGS

### CROSS STREETS

Year

CD Image

Source

#### E 32ND ST

2013	pg. A2	Cole Information Services	
2008	pg. A4	Cole Information Services	
2003	pg. A6	Cole Information Services	
1999	pg. A8	Cole Information Services	
1995	pg. A10	Cole Information Services	
1992	-	Cole Information Services	Target and Adjoining not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source
1958	-	Polk's City Directory	Street not listed in Source

## **City Directory Images**



**N YAGER RD 2013**

2430 ALEJANDRA MENDOZA  
JOSE BARCENAS  
KEN LIVINGSTON  
MARTIN CRUZ  
ROBERT RAINS  
2600 FIXADENT SPECIALIST INC  
LINCARE  
P & L AUTOMOTIVE  
2630 ADAMS KENT CONSTRUCTION  
EAKES OFFICE PLUS  
EYLER CONSTRUCTION INC  
GROUNDING PROFECTION  
2740 THOMAS STAMPER  
3201 DEREK CAREY  
3205 OCCUPANT UNKNOWN  
3265 DAVE VANCE  
3269 VANCE PLUMBING HEATING & AIR CONDITI  
3270 OCCUPANT UNKNOWN  
3275 MOHR CONSTRUCTION  
RONALD MOHR  
3405 DUNRITE INC  
REDS WELDING  
3507 DEBRA KITZELMAN  
3606 KEITH RINGLE  
3895 EDWARD SCHOENHERR  
3943 CLAU IBSEN  
4069 WILLIAM IBSEN  
4173 OCCUPANT UNKNOWN

**E 32ND ST      2013**

450    REZTEC MANUFACTURING  
1070    WILLIAM KORTUM

**N YAGER RD 2008**

2430 RANDY HENRICHSON  
SONIA MOHR  
TORY DURAND  
2600 FIX A DENT  
2630 AUTO BODY SPECIALISTS  
EYLER CONSTRUCTION INC  
FOURTH TIER ENTERPRISES INC  
FREMONT SAMLESS GUTTRS SDNG  
GROUNDING PERFECTION INC  
MCS INTERIOR TRIM  
2740 THOMAS STAMPER  
3201 DALE WHITE  
3205 MOHR CONSTRUCTION INC  
OCCUPANT UNKNOWN  
3265 DAVE VANCE  
3269 VANCE PLUMBING HEATING & AIR CONDITI  
3270 ALBERTA MARTENS  
3275 MOHR CONSTRUCTION INC  
RONALD MOHR  
3405 DUNRITE INC  
3507 OCCUPANT UNKNOWN  
3606 KEITH RINGLE  
3895 JEFF SCHAKAT  
3943 CLAUD IBSEN  
4173 OCCUPANT UNKNOWN

Target Street

Cross Street

Source

-

✓

Cole Information Services

**E 32ND ST**

**2008**

450	REZTEC MFG INC
650	WARREN WALL
1070	DELORES KORTUM

**N YAGER RD 2003**

2430	DENNIS MOSS MANUEL CHAVEZ MELISSA JASINSKI RANDY HENRICKSON ROBERT FARR ROBERT HERSHBERGER SONIA MOHR TORY DURAND
2600	CUSTOM TRANSMISSIONS INC FIX A DENT METROPOLITAN COMMUNITY COLLEGE
2630	GROUNDING PERFECTION INC HEMS BUSINESS OFFICE MCS CONSTRUCTION
2740	THOMAS STAMPER
3201	ROBIN CAREY
3205	DEE MOHR MOHR CONSTRUCTION
3265	DAVE VANCE
3269	VANCE PLUMBING HEATING & AIR
3270	ALBERTA MARTENS
3275	OCCUPANT UNKNOWN
3405	DUNRITE INC REDS WELDING
3507	KEITH MCCOY
3606	KEITH RINGLE
3839	D & E ENTERPRISES
3895	NANCY LARSON
3943	CLAUS IBSEN
3997	DANIEL PARR
4019	ERNEST FREDENBURG
4037	VALLEY PETROLEUM SERVICE
4069	OCCUPANT UNKNOWN
4173	JOSEPH PELIKAN

Target Street

Cross Street

Source

-

✓

Cole Information Services

**E 32ND ST**

**2003**

450 REZTEC INC  
620 GETZSCHMAN SERVICE EXPERTS  
SCOTT HAVENER

**N YAGER RD 1999**

2430 DAVE REDDING  
DON GERHARD  
KATHY OSTERLOH  
KEN LIVINGSTON  
MATTHEW CLARKE  
MAXINE HENRICHSON  
MELISSA JASINSKI  
P NOVOTNY  
ROBERT FARR  
SONIA MOHR  
2630 ADAMS KENT CONSTRUCTION  
2740 THOMAS STAMPER  
3027 REDS WELDING  
3185 OCCUPANT UNKNOWN  
3205 DEE MOHR  
3217 WILLIAM KORTUM  
3265 OCCUPANT UNKNOWN  
3269 ROBERT VANCE  
VANCE ROBERT  
3270 ELMER MARTENS  
3606 KEITH RINGLE  
3839 D & E ENTERPRISES  
3943 CLAUD IBSEN  
4025 OCCUPANT UNKNOWN  
4173 JOSEPH PELIKAN

**E 32ND ST      1999**

450    REZTEC MANUFACTURING  
508    ROBOTICS AND AUTOMATIONCONTROL  
620    GETZSCHMAN HEATING & SHEET METAL INCORPORATED  
640    SCHWANS ICE CREAM  
       TONY'S PIZZA SERVICE



**YAGER RD 1995**

1610 FISHER APPLIANCE CTR  
1736 DECKERT, ALAN  
1745 CASSELL, BRIAN  
1810 STRICKLETT, SUE  
1820 MANSKE, DOUG  
2220 CLAUSEN, RHOADES  
CUSTOM DESIGN CTR BY TCF  
2430 FARR, ROBERT J  
HENRICHSON, MAXINE  
KOCH, NISHA  
KUDA, JACK  
MOHR, SONIA  
SANDEEN, NISHA  
2452 MARVS BARGIN BARN

Target Street

Cross Street

Source

-

✓

Cole Information Services

**E 32ND ST**

**1995**

620 GETZSCHMAN HEATING & SHEET MTL  
640 TONY'S PIZZA SVC



-

**YAGER RD 1992**

1643	BACON, BEV
1732	REEH, C
1736	DECKERT, ALAN
1745	ADAMS, AMANDA
1810	AYERS, TED
1820	WOODSON, WIB
2430	HENRICHSON, MAXINE

**N YAGER RD 1987**

Target Street	Cross Street	Source
<b>WYOMING AV—Contd</b>		
2620 Shanahan Michl G ☉ 721-8324		sptsweat 721-0783 1700 Cernik Kenneth E ☉ 721-3347
2625 Mc Carthy Richd J ☉ 727-1716		1732★Kampschneider Alvin 1736 Deckert Alan J ☉ 721-0660 E 18TH ST INTERSECTS
2626 Green Wm D ☉ 727-6233		1810★Henthorn Robert E 721-7004
2633 Campbell Ann M Mrs ☉ 721-7815		1820 Mc Entee Roland E 19TH ST INTERSECTS E 20TH ST INTERSECTS
2638★Scott Audrey M 721-0122		2220 T C F floor coverings 721-4605 E 23D ST INTERSECTS
2640 Johannes Laura E 727-8741		
<b>DAKOTA ST BEGINS</b>		
2701★Bernier Charles C ☉		
2702★Mc Mullin Kevin 727-7046		
2704 Atwell Denise D 727-7125		
<b>NELSON LA INTERSECTS</b>		
<b>JONES ST INTERSECTS</b>		
2828★Jacobsen Steven V ☉ 727-1520		22 2430 Jack's Trailer Court 721-6593
2910 Smith Dennis L ☉ 721-2741		1 Kuda Misao Mrs ☉ 721-6593
2922 Byers Alan M ☉ 721-7756		2 Vacant
2934 Helget Jerome M ☉ 727-6396		3 Lippincott Marvin L ☉ 727-5161
3012 Hull Steven L ☉ 727-6184		4 Vacant
3032★Cloyd Edward C ☉ 727-7550		5 Vacant
<b>JONES ST INTERSECTS</b>		
		6 Storage Building
		7 Vacant
		8 Henrichson Maxine M Mrs ☉ 721-7692
		9 Jasinski Jan K ☉ 727-5445
		10 Mohr Sonia ☉ 721-2228
		11 Moore Elsie M Mrs ☉ 721-5633
		12 Harmer Cindy
		13 Vacant
		2442 Fremont Salvage Co (Whse)
		2452 Fremont Salvage Co genl mdse 721-7752
<hr/>		
<b>YAGER RD —FROM E 16TH</b>		
<b>NORTH TO E 23D</b>		
<b>CONTINUATION OF N</b>		
<b>GRANT</b>		
<b>ZIP CODE 68025</b>		
1610 Fisher Appliance & Refrigeration Services sls & serv 727-6674		
1641 J D Beauty Supply 721-7032		
1643 T J Sports Inc sptg goods &		

**N YAGER RD 1982**

**WYOMING AV—Contd**  
**NELSON LA INTERSECTS**  
**JONES ST INTERSECTS**

2828 Riggins Jean  
 2910 Vacant  
 2922 Byers Alan 721-7756  
 2934★Helget Jerome M ©  
 727-6396  
 3012★Boll Robt A © 727-8652  
 3034 Vacant

1810 Monson Russell 721-3722  
 1820 Niebur Gerald L 721-6708  
**E 19TH ST INTERSECTS**  
**E 20TH ST INTERSECTS**  
 2220 T C F floor coverings  
 721-4605  
**E 23D ST INTERSECTS**

22

2430 Jack's Trailer Court 721-6593  
 1 Kuda Misao Mrs ©  
 721-6593

14

**YAGER RD —FROM E 16TH**  
**NORTH TO E 23D**  
**CONTINUATION OF N**  
**GRANT**

ZIP CODE 68025  
 1610 Fifth Season Inc gifts  
 721-9100  
 1635 Vacant  
 1700 Cernik Kenneth E ©  
 721-3347  
 1732 Christensen Marion 721-3953  
 1736★Deckert Alan J 721-0660  
 1745 Harvey Alexander T phys  
 721-6311  
**E 18TH ST INTERSECTS**  
 1807 Vacant

2 Vacant  
 3★Morris Dale M  
 4 Vacant  
 5★Mc Cauley Violet 721-0419  
 6 Storage Bldg  
 7★Moore's Troy  
 8 Hendrickson Maxine M  
 721-7692  
 9★White Patricia © 727-5445  
 10 Vacant (lots 10-12)  
 13★Marquardt Don  
 2442 Country Store antiques  
 721-3962  
 2452 Fremont Salvage Co genl  
 mdse 721-7752



**N YAGER RD 1977**

**WYOMING AV—Contd**

2620 Shanahan Michl G ©  
721-8324  
2625 Vacant  
2626 Swanson Elfrieda S Mrs ©  
721-6247  
2633 Denker Gerald G © 721-7562  
2638★Rohrs Ron K 727-4163  
2640★Shugart John L 727-5332  
DAKOTA ST BEGINS  
2701★Stevens William J ©  
727-5486  
2702 Disbrow David M 727-9966  
2704 Archer Gerald D 721-0242  
NELSON LA INTERSECTS  
JONES ST INTERSECTS

E 18TH ST INTERSECTS  
1805 Vacant  
1807 Wisner Gerald  
1810 No Return  
1820★Benjamin Danl 727-9997  
E 19TH ST INTERSECTS  
E 20TH ST INTERSECTS  
2220 T C F floor coverings  
721-4605  
2230 Under Constn  
E 23D ST INTERSECTS

22

2430 Jack's Trailer Court 721-6593  
Kuda Jack K © 721-6593  
★Still Michl  
Sorensen Allan M 727-6706  
Kohl Joseph 721-0419  
White Vernon 727-5445  
Henrichson Randall L  
721-7692  
Avery Orville S 721-1983  
Lefler Billy L © 727-4090  
Schultz Kenneth M ©  
727-4094  
2442 Getzschman Heating Sheet  
Metal Inc 721-6301  
Dee's Quality Appliance  
Center 721-6301  
2452 Vacant

14

**YAGER RD —FROM E 16TH  
NORTH TO E 23D  
CONTINUATION OF N  
GRANT**

ZIP CODE 68025  
1610 Fifth Season Inc gifts  
721-9100  
1700 Cernik Kenneth E ©  
721-3347  
1732★Goble Tom 721-9043  
1736 Johnson Linda D 727-5284  
1745 Madsen Raymond J 721-6375

**N YAGER RD 1972**

**WILLOW ST —FROM 2400 E  
9TH NORTH TO E 10TH**

ZIP CODE 68025  
 912 Bates Fon H © 721-8977  
 913 Wegner Lyle L © 721-3792  
 923 Hula Ray © 721-8580  
 924 Oliver George W Rev  
 721-0496  
 933 Osterberg Clifford © 721-7585  
 934 Day Melvin H © 721-2782  
 943 Lenz Carroll E © 721-8803  
 946 Vacant

13

1809 ★ Meyer Michael J 727-4701  
 1810 ★ Sukstorf Ioma 727-1207  
 1820 ★ Simmons Norma R Mrs  
 721-3158  
 E 19TH ST INTERSECTS  
 E 20TH ST INTERSECTS  
 E 23D ST INTERSECTS  
 2430 Jack's Trailer Court 721-6593  
 Kuda Jack K © 721-6593  
 Kohl Joseph  
 Colgan Wm T 721-9282  
 Henrichson Allen 727-4295  
 ★ Hoge Myron W H 721-0456  
 Henrichson Randall L

721-7692

14

**YAGER RD —FROM E 16TH  
NORTH TO E 23D  
CONTINUATION OF N  
GRANT**

ZIP CODE 68025  
 1700 Cernik Kenneth E ©  
 721-3347  
 1725 Luther Marvin E © 721-0374  
 1732 ★ Pals Verne J 727-5159  
 1736 Nordgren Lew E 721-3767  
 1745 Madsen Raymond J 721-6375  
 E 18TH ST INTERSECTS  
 1805 Ruff James D © 721-7853  
 1807 Dahl John C © 721-5495

★ Cote Robert J 727-1336  
 ★ Lauritzen Sylvia 721-2377  
 ★ Lefler Billy L © 727-4090  
 ★ Long Floyd M © 721-5977  
 ★ Schultz Kenneth M ©  
 727-4094  
 ★ Van Donge Jerry P  
 721-9297

2442 Getzschman Htg Sheet Metal  
 & Roofing Contr 721-6301  
 2452 Central States Non Stock Co  
 Operative Assn truck  
 leasing  
 Ladd Trucking 721-2898



## N YAGER RD 1968

14

YAGER RD -FROM E 16TH  
NORTH TO E 23D  
CONTINUATION OF N GRANT

---ZIP CODE 68025

1700 CERNIK KENNETH E ●  
721-3347

1725 LUTHER MARVIN E ●  
721-0374

1745 MADSEN RAYMOND J  
721-6375

---E 18TH ST INTERSECTS

1805 RUFF JAMES D ●  
721-7853

1807 DAHL JOHN C ●  
721-5495

1809 RAMIG GARY D 727-1699

1810 BERNHARDT GARY L  
727-1134

1820 CARLSON TWILA J

---E 19TH ST INTERSECTS

---E 20TH ST INTERSECTS

---E 23D ST INTERSECTS

2430 JACK'S TRAILER COURT  
721-6593

KUDA JACK K ●  
721-6593

POSEY BESS MRS  
HEAPS CHARLES R  
COLGAN WM

2442 GETZSCHMAN HEATING &  
SHEET METAL  
CONTRACTORS 721-6301

MEIERHENRY DICK  
AUTOMOTIVE SERVICE  
721-6055

1442 KING EARL A 721-1025

**N YAGER RD 1964**

180

16

WILLOW ST -FROM 2400 E  
9TH NORTH TO E 10TH

912 PLAHN THORLE A •  
721-8164

913 WEGNER LYLE L •  
721-3792

923 TIEGS ROBT R •  
721-8645

924 MEINTS MELVIN •  
933 NOVAK ADRIAN E •  
721-4441

934 DAY MELVIN H •  
721-2782

943 SHICKEL JAMES W •  
721-3473

946 GROVER RONALD W •

14

-----  
YAGER ROAD -FROM E 16TH  
NORTH TO E 23D  
CONTINUATION OF N GRANT

1700 JENKINS LOIS M MRS  
721-1483

1725 LUTHER MARVIN E •  
721-0374

1745 MADSEN RAYMOND J  
721-6375

---E 18TH ST INTERSECTS

1805 RUFF JAMES D •  
721-7853

1807 DAHL JOHN C •  
721-5495

---E 19TH ST INTERSECTS

1809 WILLCOCK ERNEST M •  
721-6370

2401 NO RETURN  
END JACK'S TRAILER COURT  
721-9996

KUDA JACK K •  
721-9996

BETKIE ELKE MRS  
721-7147

DOUGHERTY LEO  
721-2257

N YAGER RD 1958

The City Directory is a Catalog of Your City

WILLIAMS AV—Contd  
941△Steele Marvin ⊙  
953△Gordon Wm L ⊙

YAGER ROAD — From E 16th<sup>14</sup>  
north to E 23d, continuation of N  
Grant  
1700△Forburger John C ⊙  
1725△Luther Marvin E ⊙

1745△Buck Carl F ⊙  
△Madsen Raymond J  
E 18th intersects  
1805 Peterson Robt J ⊙  
1807△Jansen Peter V ⊙  
1809 Wilcock Ernest M ⊙  
E 19th intersects  
2401△Fouts Melvin E



**Greater Fremont Development Council**

2800 N Yager Rd

Fremont, NE 68025

Inquiry Number: 4134242.3

November 14, 2014



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# Certified Sanborn® Map Report

11/14/14

**Site Name:**

Greater Fremont Development  
2800 N Yager Rd  
Fremont, NE 68025

**Client Name:**

Olsson Associates  
601 P Street, Suite 200  
Lincoln, NE 68508



EDR Inquiry # 4134242.3

Contact: Ryan Doty

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

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

## Certified Sanborn Results:

**Site Name:** Greater Fremont Development Council  
**Address:** 2800 N Yager Rd  
**City, State, Zip:** Fremont, NE 68025  
**Cross Street:**  
**P.O. #** NA  
**Project:** GFDC  
**Certification #** D9E1-4E16-9CA2



Sanborn® Library search results  
Certification # D9E1-4E16-9CA2

## 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 fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

*The Sanborn Library LLC Since 1866™*

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**Appendix E**  

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**Environmental Database Report**

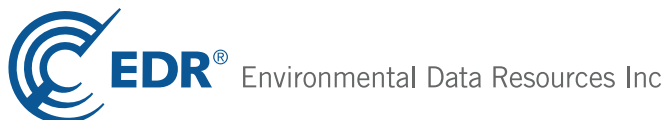
**Greater Fremont Development Council**

2800 N Yager Rd  
Fremont, NE 68025

Inquiry Number: 4134242.2s

November 14, 2014

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

2800 N YAGER RD  
DODGE County, NE 68025

#### COORDINATES

Latitude (North): 41.4568000 - 41° 27' 24.48"  
Longitude (West): 96.4763000 - 96° 28' 34.68"  
Universal Transverse Mercator: Zone 14  
UTM X (Meters): 710789.2  
UTM Y (Meters): 4592330.0  
Elevation: 1183 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41096-D4 FREMONT EAST, NE  
Most Recent Revision: 1983

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120626  
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 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  
AST..... Hazardous Chemical AST List  
INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

## EXECUTIVE SUMMARY

### ***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***

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
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 / No Longer Regulated  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites

## EXECUTIVE SUMMARY

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
Financial Assurance.....	Financial Assurance Information Listing
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS.....	Lead Smelter Sites
COAL ASH DOE.....	Steam-Electric Plant Operation Data
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information

### **EDR HIGH RISK HISTORICAL RECORDS**

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

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

### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### ***Exclusive Recovered Govt. Archives***

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

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

## EXECUTIVE SUMMARY

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.

### **STANDARD ENVIRONMENTAL RECORDS**

#### ***State- and tribal - equivalent CERCLIS***

SHWS: The Nebraska Department of Environmental Quality is providing this information from its 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.

A review of the SHWS list, as provided by EDR, and dated 09/23/2014 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>SUNKIST CLEANERS</i></b>	<b><i>1106 E 18TH ST</i></b>	<b><i>SSW 1/2 - 1 (0.613 mi.)</i></b>	<b><i>20</i></b>	<b><i>19</i></b>

#### ***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 09/01/2014 has revealed that there are 16 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
K-MART STORE #9021 Facility Status: NFA	1700 EAST 23RD	S 1/4 - 1/2 (0.259 mi.)	4	8
OCCIDENTAL NEBR SV Facility Status: PL	1405 E 23RD ST	SSW 1/4 - 1/2 (0.260 mi.)	5	8
<b><i>WENDY'S</i></b> Facility Status: NFA	<b><i>2230 N BELL ST</i></b>	<b><i>SW 1/4 - 1/2 (0.323 mi.)</i></b>	<b><i>C10</i></b>	<b><i>10</i></b>
<b><i>JC PENNEY CO</i></b> Facility Status: NFA	<b><i>1050 E 23RD ST</i></b>	<b><i>SW 1/4 - 1/2 (0.326 mi.)</i></b>	<b><i>11</i></b>	<b><i>10</i></b>
<b><i>FREMONT THRIFTY LUBE INC</i></b> Facility Status: NFA	<b><i>2210 N BELL ST</i></b>	<b><i>SW 1/4 - 1/2 (0.333 mi.)</i></b>	<b><i>C12</i></b>	<b><i>11</i></b>
<b><i>THRIFTY LUBE</i></b> Facility Status: NFA	<b><i>2210 N BELL STREET</i></b>	<b><i>SW 1/4 - 1/2 (0.333 mi.)</i></b>	<b><i>C13</i></b>	<b><i>13</i></b>
FORMER E-Z SHOP Facility Status: NFA	1015 EAST 23 STREE	SW 1/4 - 1/2 (0.363 mi.)	14	14
FREMONT MALL Facility Status: NFA	860 E 23RD ST	WSW 1/4 - 1/2 (0.412 mi.)	16	15

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FREMONT HOUSING AUTHORITY</b> Facility Status: NFA	<b>2510 N CLARKSON</b>	<b>WSW 1/4 - 1/2 (0.428 mi.)</b>	<b>17</b>	<b>15</b>
<b>QUIK PIK</b> Facility Status: NFA	<b>2010 BELL ST</b>	<b>SSW 1/4 - 1/2 (0.476 mi.)</b>	<b>18</b>	<b>16</b>
NDOR - FREMONT Facility Status: NFA	OLD FREMONT NDOR/2	SW 1/4 - 1/2 (0.495 mi.)	19	18
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PROPOSED GOLDEN CO Facility Status: NFA	E OF INTER OF 23RD	SSE 1/4 - 1/2 (0.266 mi.)	B6	9
<b>ROD KUSH'S MATTRESS LAND</b> Facility Status: NFA	<b>2300 E 23RD ST</b>	<b>SE 1/4 - 1/2 (0.273 mi.)</b>	<b>7</b>	<b>9</b>
SID DILLON OLDS-CA Facility Status: NFA	2420 EAST 23RD	SE 1/4 - 1/2 (0.295 mi.)	8	9
SHORT STOP E Facility Status: NFA	2250 CLARMAR	SSE 1/4 - 1/2 (0.308 mi.)	B9	9
SID DILLON CHEVROL Facility Status: NFA	EAST HWY 30	SE 1/4 - 1/2 (0.380 mi.)	15	15

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR US Hist Auto Stat: 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.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 3 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2630 N YAGER RD	WSW 1/8 - 1/4 (0.141 mi.)	A2	7
Not reported	2600 N YAGER RD	WSW 1/8 - 1/4 (0.154 mi.)	A3	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2600 N LINCOLN AVE	SSW 0 - 1/8 (0.073 mi.)	1	7

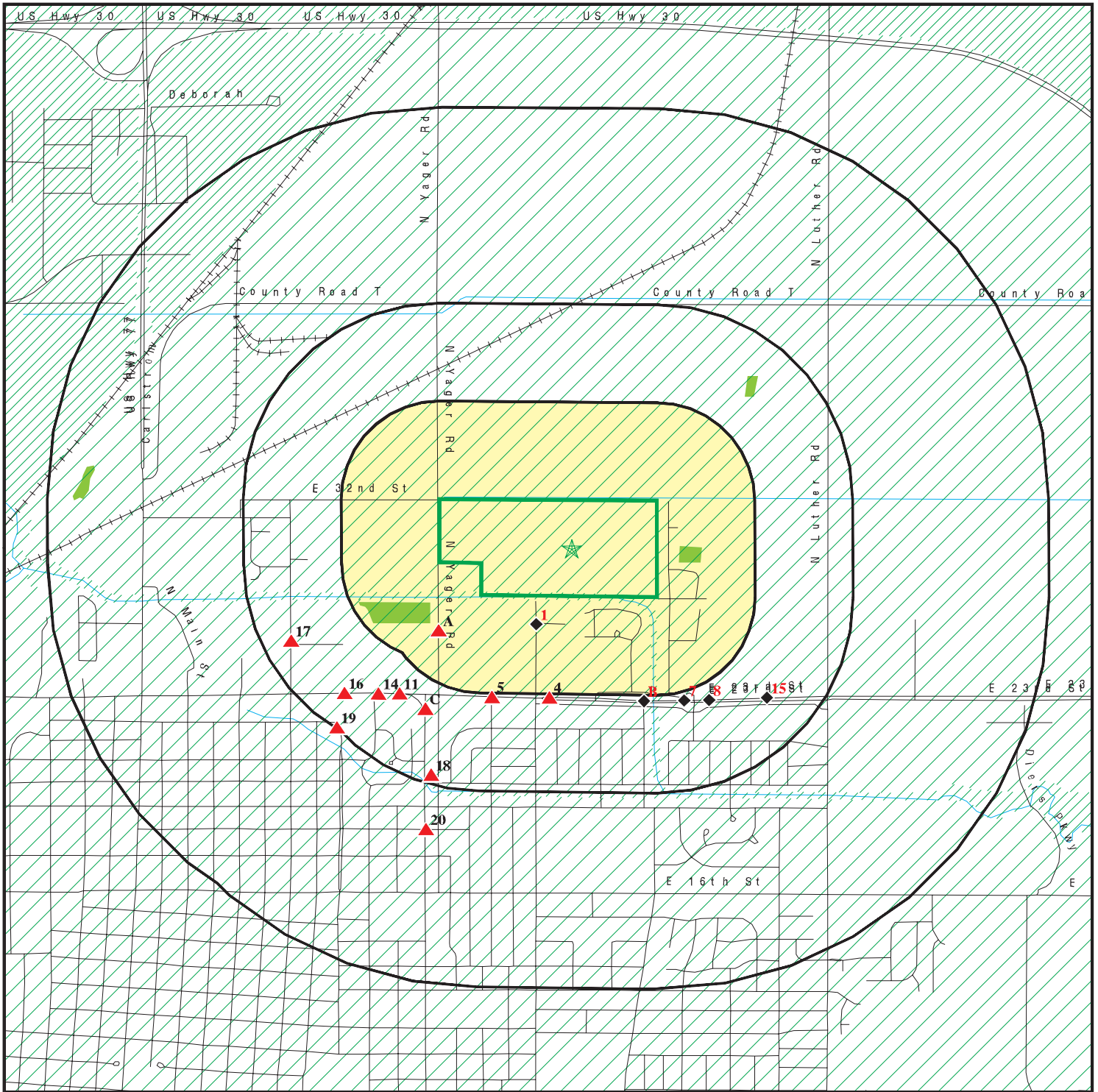



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
MIRASTAR #62065	LAST, SPILLS
VICTORY LAKE CONCE	LUST, UST, HIST UST
FREMONT WASTE WATE	LUST
	LUST

# OVERVIEW MAP - 4134242.2S



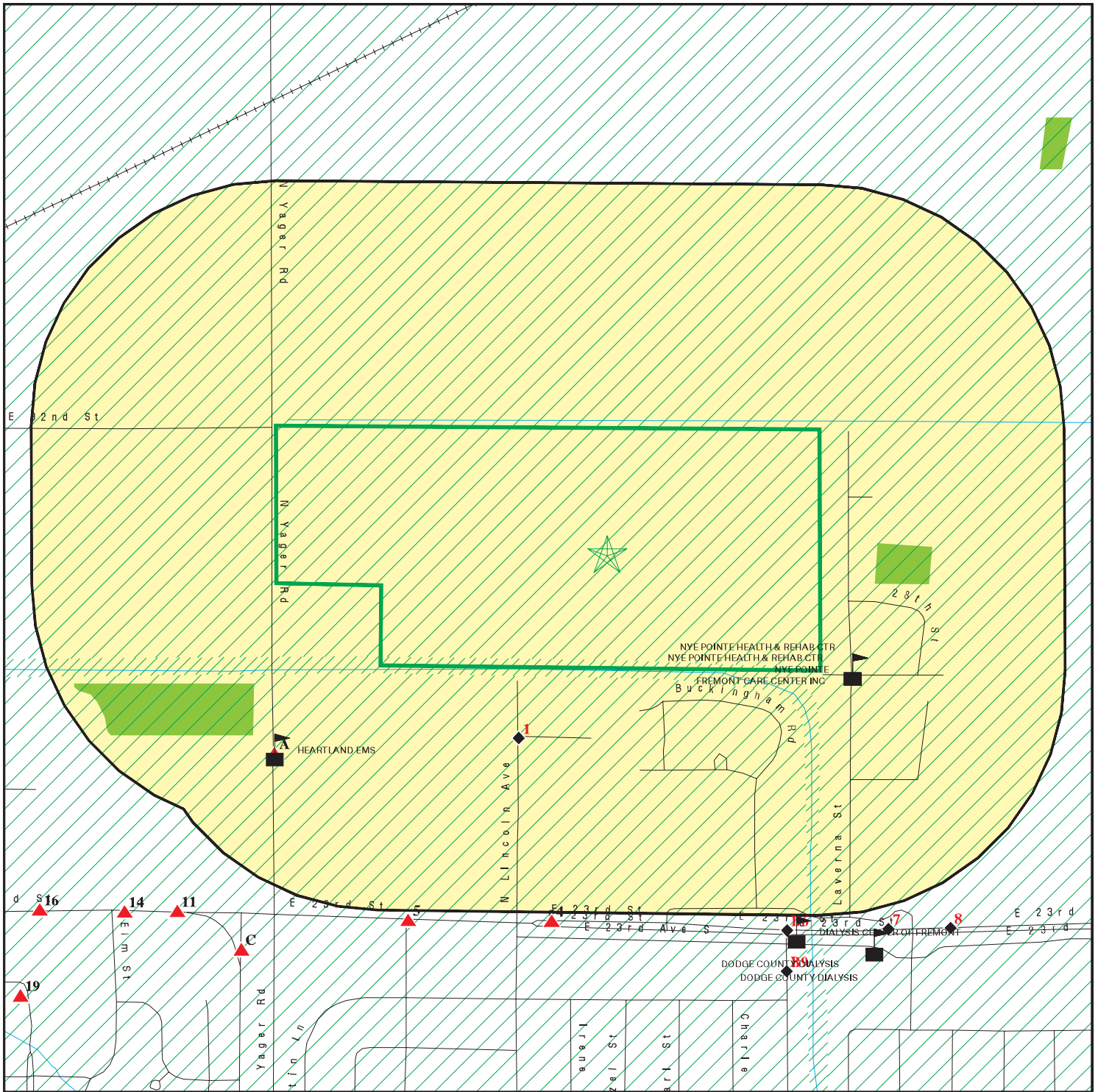
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  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: Greater Fremont Development Council  
 ADDRESS: 2800 N Yager Rd  
 Fremont NE 68025  
 LAT/LONG: 41.4568 / 96.4763

CLIENT: Olsson Associates  
 CONTACT: Ryan Doty  
 INQUIRY #: 4134242.2s  
 DATE: November 14, 2014 10:44 am

# DETAIL MAP - 4134242.2S



- 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
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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 Fremont NE 68025  
 LAT/LONG: 41.4568 / 96.4763

CLIENT: Olsson Associates  
 CONTACT: Ryan Doty  
 INQUIRY #: 4134242.2s  
 DATE: November 14, 2014 10:45 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	1	NR	1
<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	16	NR	NR	16
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>ADDITIONAL ENVIRONMENTAL RECORDS</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>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		1	2	NR	NR	NR	3
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	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 ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
SSW  
< 1/8  
0.073 mi.  
383 ft.

2600 N LINCOLN AVE  
FREMONT, NE 68025

EDR US Hist Auto Stat 1015371542  
N/A

Relative:  
Lower  
Actual:  
1182 ft.

EDR Historical Auto Stations:

- Name: MULLER REPAIR & TOWING  
Year: 2000  
Address: 2600 N LINCOLN AVE
- Name: MULLER REPAIR & TOWING  
Year: 2001  
Address: 2600 N LINCOLN AVE
- Name: MULLER REPAIR & TOWING  
Year: 2008  
Address: 2600 N LINCOLN AVE
- Name: MULLER REPAIR & TOWING  
Year: 2009  
Address: 2600 N LINCOLN AVE
- Name: MULLER REPAIR & TOWING  
Year: 2010  
Address: 2600 N LINCOLN AVE
- Name: MULLER REPAIR & TOWING  
Year: 2011  
Address: 2600 N LINCOLN AVE
- Name: MULLER REPAIR & TOWING  
Year: 2012  
Address: 2600 N LINCOLN AVE

A2  
WSW  
1/8-1/4  
0.141 mi.  
743 ft.

2630 N YAGER RD  
FREMONT, NE 68025

EDR US Hist Auto Stat 1015374563  
N/A

Site 1 of 2 in cluster A

Relative:  
Higher  
Actual:  
1187 ft.

EDR Historical Auto Stations:

- Name: PAINTLESS DENT REPAIR  
Year: 2005  
Address: 2630 N YAGER RD
- Name: PAINTLESS DENT REPAIR  
Year: 2006  
Address: 2630 N YAGER RD



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A3** **EDR US Hist Auto Stat** **1015371550**  
**WSW** **2600 N YAGER RD** **N/A**  
**1/8-1/4** **FREMONT, NE 68025**  
**0.154 mi.**  
**812 ft.** **Site 2 of 2 in cluster A**

**Relative:** EDR Historical Auto Stations:  
**Higher** Name: CUSTOM TRANSMISSIONS INC  
Year: 2010  
**Actual:** Address: 2600 N YAGER RD  
**1188 ft.**

Name: CUSTOM TRANSMISSIONS INC  
Year: 2011  
Address: 2600 N YAGER RD

Name: P & L AUTOMOTIVE  
Year: 2012  
Address: 2600 N YAGER RD

**4** **LUST** **S102420185**  
**South** **K-MART STORE #9021** **N/A**  
**1/4-1/2** **1700 EAST 23RD**  
**0.259 mi.** **FREMONT, NE**  
**1367 ft.**

**Relative:** LUST:  
**Higher** **Facility Status: No Further Action**  
Incident Type: LUST  
**Actual:** File Number: 121691-CT-1100  
**1183 ft.** Owner/RP: K-MART CORPORATION  
Line Num: 53  
SFM Num: 443

**5** **LUST** **S101289942**  
**SSW** **OCCIDENTAL NEBR SV** **N/A**  
**1/4-1/2** **1405 E 23RD ST**  
**0.260 mi.** **FREMONT, NE**  
**1371 ft.**

**Relative:** LUST:  
**Higher** **Facility Status: Priority List for orphan sites (Responsible Party not viable)**  
Incident Type: LUST  
**Actual:** File Number: 053091-NM-0805  
**1183 ft.** Owner/RP: UNKNOWN  
Line Num: 95  
SFM Num: NONE

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**B6**  
**SSE**  
**1/4-1/2**  
**0.266 mi.**  
**1403 ft.**

**PROPOSED GOLDEN CO**  
**E OF INTER OF 23RD**  
**FREMONT, NE**  
  
**Site 1 of 2 in cluster B**

**LUST** **S102955390**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 022098-99-0000  
Owner/RP: UNKNOWN  
Line Num: 94  
SFM Num: NONE

**Actual:**  
**1181 ft.**

**7**  
**SE**  
**1/4-1/2**  
**0.273 mi.**  
**1441 ft.**

**ROD KUSH'S MATTRESS LAND**  
**2300 E 23RD ST**  
**FREMONT, NE 68025**

**LUST** **S106057251**  
**AIRS** **N/A**

**Relative:**  
**Lower**

**LUST:**  
**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 062703-TH-1000  
Owner/RP: QUALITY STORES INC  
Line Num: 70  
SFM Num: 7719

**Actual:**  
**1181 ft.**

**NE AIRS:**  
Facility ID: 10166  
Directions to Facility: Side E 23rd St

**8**  
**SE**  
**1/4-1/2**  
**0.295 mi.**  
**1555 ft.**

**SID DILLON OLDS-CA**  
**2420 EAST 23RD**  
**FREMONT, NE**

**LUST** **1000110816**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 071792-JF-1000  
Owner/RP: SID DILLON OLDS-CA  
Line Num: 79  
SFM Num: 3350

**Actual:**  
**1181 ft.**

**B9**  
**SSE**  
**1/4-1/2**  
**0.308 mi.**  
**1624 ft.**

**SHORT STOP E**  
**2250 CLARMAR**  
**FREMONT, NE**  
  
**Site 2 of 2 in cluster B**

**LUST** **S102777437**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 102293-NM-0815

**Actual:**  
**1181 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHORT STOP E (Continued)**

**S102777437**

Owner/RP: BRANNON, GORDON C  
Line Num: 8  
SFM Num: 98

**C10**  
**SW**  
**1/4-1/2**  
**0.323 mi.**  
**1706 ft.**

**WENDY'S**  
**2230 N BELL ST**  
**FREMONT, NE 68025**  
**Site 1 of 3 in cluster C**

**LUST** **S105172844**  
**NPDES** **N/A**

**Relative:**  
**Higher**

**LUST:**  
**Facility Status: No Further Action**

**Actual:**  
**1189 ft.**

Incident Type: LUST  
File Number: AP2907  
Owner/RP: FONTANELLE HYBRID  
Line Num: 15  
SFM Num: 2907

**NE NPDES:**  
Facility ID: 71583  
Directions to Facility: SE Cnr 23 & Bell, SW Cnr 23 & Yager  
Program Acronym: PCS

**11**  
**SW**  
**1/4-1/2**  
**0.326 mi.**  
**1719 ft.**

**JC PENNEY CO**  
**1050 E 23RD ST**  
**FREMONT, NE 68025**

**LUST** **U003944044**  
**UST** **N/A**  
**HIST UST**

**Relative:**  
**Higher**

**LUST:**  
**Facility Status: No Further Action**

**Actual:**  
**1190 ft.**

Incident Type: LUST  
File Number: 101392-GY-1630  
Owner/RP: J C PENNEY CO  
Line Num: 52  
SFM Num: 8380

**UST:**  
**Facility:**  
Facility ID: 8380  
Owner Name: JC PENNEY CO  
Owner Address: 1050 E 23RD ST  
Owner City,St,Zip: FREMONT, NE 68025  
Tanks Currently In Use: 0  
Tanks Temp Out Of Use: 0  
Tanks Perm Out Of Use: 0  
Tanks Closed In Place: 0  
Tanks Removed: 0  
  
Facility ID: 10796  
Owner Name: JC PENNEY CO  
Owner Address: 1050 E 23RD ST  
Owner City,St,Zip: FREMONT, NE 68025  
Tanks Currently In Use: 0  
Tanks Temp Out Of Use: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

JC PENNEY CO (Continued)

U003944044

Tanks Perm Out Of Use: 1  
Tanks Closed In Place: 0  
Tanks Removed: 0

Tank Id/Tank Status: 1 / Not Reported  
Tank Contents: Not reported  
Tank Size: Not reported  
Tank Date Installed: Not reported  
Tank Type: Not reported  
Tank Construction: Not reported  
Tank Internal Protection: Not reported  
Tank External Protection: Not reported  
Tank Secondary Containment: Not reported  
Piping Construction Material: Not reported

Tank Id/Tank Status: 1 / Not Reported  
Tank Contents: Not reported  
Tank Size: Not reported  
Tank Date Installed: Not reported  
Tank Type: Not reported  
Tank Construction: Not reported  
Tank Internal Protection: Not reported  
Tank External Protection: Not reported  
Tank Secondary Containment: Not reported  
Piping Construction Material: Not reported

HIST UST:

Facility ID: 10796  
Owner: JC PENNEY CO  
Owner Address: 1050 E 23RD ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 1  
**Tank Usage Status: Permanently Out of Use**  
Tank Size (Gal): 560  
Tank Construction Material: Unknown  
Tank Content(s): Mixed  
Tank Installed: Unknown  
Piping Construction Material(s): Unknown

C12  
SW  
1/4-1/2  
0.333 mi.  
1756 ft.

FREMONT THRIFTY LUBE INC  
2210 N BELL ST  
FREMONT, NE 68025

LUST U003542586  
HIST UST N/A

Site 2 of 3 in cluster C

Relative:  
Higher

LUST:

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 052699-99-0004  
Owner/RP: THRIFTY LUBE  
Line Num: 87  
SFM Num: 8367

Actual:  
1189 ft.

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 102892-JF-1430  
Owner/RP: THRIFTY LUBE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FREMONT THRIFTY LUBE INC (Continued)

U003542586

Line Num: 88  
SFM Num: 8367

HIST UST:

Facility ID: 1864  
Owner: FREMONT THRIFTY LUBE INC  
Owner Address: 2210 N BELL ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 2  
**Tank Usage Status: Closed In Place**  
Tank Size (Gal): 275  
Tank Construction Material: Steel  
Tank Content(s): Other->NEW OIL  
Tank Installed: 1984  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1864  
Owner: FREMONT THRIFTY LUBE INC  
Owner Address: 2210 N BELL ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 3  
**Tank Usage Status: Closed In Place**  
Tank Size (Gal): 275  
Tank Construction Material: Steel  
Tank Content(s): Other->NEW OIL  
Tank Installed: 1984  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1864  
Owner: FREMONT THRIFTY LUBE INC  
Owner Address: 2210 N BELL ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 4  
**Tank Usage Status: Closed In Place**  
Tank Size (Gal): 275  
Tank Construction Material: Steel  
Tank Content(s): Other->NEW OIL  
Tank Installed: 1984  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1864  
Owner: FREMONT THRIFTY LUBE INC  
Owner Address: 2210 N BELL ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 5  
**Tank Usage Status: Closed In Place**  
Tank Size (Gal): 275  
Tank Construction Material: Steel  
Tank Content(s): Other->NEW OIL  
Tank Installed: 1984  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1864  
Owner: FREMONT THRIFTY LUBE INC  
Owner Address: 2210 N BELL ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT THRIFTY LUBE INC (Continued)**

**U003542586**

**Tank Usage Status:** Closed In Place  
Tank Size (Gal): 550  
Tank Construction Material: Steel  
Tank Content(s): Used Oil  
Tank Installed: 1984  
Piping Construction Material(s): Steel

Facility ID: 1864  
Owner: FREMONT THRIFTY LUBE INC  
Owner Address: 2210 N BELL ST  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 1

**Tank Usage Status:** Closed In Place  
Tank Size (Gal): 720  
Tank Construction Material: Steel  
Tank Content(s): Other->NEW OIL  
Tank Installed: 1984  
Piping Construction Material(s): Fiberglass Reinforced Plastic

**C13**  
**SW**  
1/4-1/2  
0.333 mi.  
1756 ft.

**THRIFTY LUBE**  
**2210 N BELL STREET**  
**FREMONT, NE 68025**

**RCRA NonGen / NLR** **1000453721**  
**LUST** **NED986370831**

**Site 3 of 3 in cluster C**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**1189 ft.**

Date form received by agency: 08/07/2001  
Facility name: THRIFTY LUBE  
Facility address: 2210 N BELL STREET  
FREMONT, NE 68025  
EPA ID: NED986370831  
Mailing address: N BELL STREET  
FREMONT, NE 68025  
Contact: PEGGY PALMER  
Contact address: 2210 N BELL STREET  
FREMONT, NE 68025  
Contact country: US  
Contact telephone: (402) 721-3272  
Contact email: Not reported  
EPA Region: 07  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: H AND A QUALITY WASH  
Owner/operator address: 2210 N BELL STREET  
FREMONT, NE 68025  
Owner/operator country: Not reported  
Owner/operator telephone: (402) 721-3272  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THRIFTY LUBE (Continued)**

1000453721

Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/20/1990  
Site name: THRIFTY LUBE  
Classification: Not a generator, verified  
  
Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/10/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

LUST:

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 052699-99-0003  
Owner/RP: THRIFTY LUBE  
Line Num: 86  
SFM Num: 1864

14  
SW  
1/4-1/2  
0.363 mi.  
1915 ft.

**FORMER E-Z SHOP**  
**1015 EAST 23 STREE**  
**FREMONT, NE**

LUST S101289926  
N/A

Relative:  
Higher

LUST:

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 07184-MBS-1320  
Owner/RP: SHOP E-Z  
Line Num: 77  
SFM Num: 5751

Actual:  
1191 ft.



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

15  
SE  
1/4-1/2  
0.380 mi.  
2008 ft.

**SID DILLON CHEVROL  
EAST HWY 30  
FREMONT, NE**

**LUST 1100011081  
N/A**

Relative:  
Lower

LUST:  
**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 08020-DDB-0830  
Owner/RP: SID DILLON CHEVROL  
Line Num: 78  
SFM Num: 6488

16  
WSW  
1/4-1/2  
0.412 mi.  
2174 ft.

**FREMONT MALL  
860 E 23RD ST  
FREMONT, NE**

**LUST 1005823878  
N/A**

Relative:  
Higher

LUST:  
**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 102298-GY-0805  
Owner/RP: SIMON DEBARTOLO GR  
Line Num: 80  
SFM Num: 11728

17  
WSW  
1/4-1/2  
0.428 mi.  
2260 ft.

**FREMONT HOUSING AUTHORITY  
2510 N CLARKSON  
FREMONT, NE 68025**

**LUST U003183839  
UST N/A  
HIST UST**

Relative:  
Higher

LUST:  
**Facility Status: No Further Action**  
Incident Type: LUST-EXEMPT TK  
File Number: 092998-99-0000  
Owner/RP: FREMONT HOUSING AU  
Line Num: 33  
SFM Num: 8862

**Facility Status: No Further Action**  
Incident Type: LUST-EXEMPT TK  
File Number: AP8863  
Owner/RP: FREMONT HOUSING AU  
Line Num: 24  
SFM Num: 8863

UST:

Facility:

Facility ID: 8862  
Owner Name: FREMONT HOUSING AUTHORITY  
Owner Address: 2600 N CLARKSON  
Owner City,St,Zip: FREMONT, NE 68025  
Tanks Currently In Use: 0  
Tanks Temp Out Of Use: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT HOUSING AUTHORITY (Continued)**

**U003183839**

Tanks Perm Out Of Use: 0  
Tanks Closed In Place: 1  
Tanks Removed: 0  
  
Tank Id/Tank Status: 1 / Not Reported  
Tank Contents: Not reported  
Tank Size: Not reported  
Tank Date Installed: Not reported  
Tank Type: Not reported  
Tank Construction: Not reported  
Tank Internal Protection: Not reported  
Tank External Protection: Not reported  
Tank Secondary Containment: Not reported  
Piping Construction Material: Not reported

**HIST UST:**

Facility ID: 8862  
Owner: FREMONT HOUSING AUTHORITY  
Owner Address: 2600 N CLARKSON  
Owner City,St,Zip: FREMONT, NE 680250000  
Tank Number: 1  
**Tank Usage Status: Closed In Place**  
Tank Size (Gal): 5000  
Tank Construction Material: Steel  
Tank Content(s): Heating Oil 1  
Tank Installed: 1972  
Piping Construction Material(s): Steel

18  
SSW  
1/4-1/2  
0.476 mi.  
2512 ft.

**QUIK PIK  
2010 BELL ST  
FREMONT, NE 68025**

**LUST U003880893  
UST N/A  
HIST UST**

**Relative:  
Higher**

**LUST:**

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 02160-DBH-1400  
Owner/RP: FINA OIL & CHEMICA  
Line Num: 25  
SFM Num: 1109

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: AP1109  
Owner/RP: TAYLOR QUIK PICK  
Line Num: 48  
SFM Num: 1109

**Actual:  
1187 ft.**

**UST:**

Facility:  
Facility ID: 1109  
Owner Name: ERICON INC  
Owner Address: PO BOX 40  
Owner City,St,Zip: BLAIR, NE 68008  
Tanks Currently In Use: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUIK PIK (Continued)**

**U003880893**

Tanks Temp Out Of Use: 0  
Tanks Perm Out Of Use: 0  
Tanks Closed In Place: 0  
Tanks Removed: 0

Tank Id/Tank Status: 1 / Currently in Use  
Tank Contents: #2 Diesel  
Tank Size: 8000  
Tank Date Installed: 1982  
Tank Type: Federally Regulated  
Tank Construction: Fiberglass Reinforced Plastic  
Tank Internal Protection: None  
Tank External Protection: None  
Tank Secondary Containment: Not reported  
Piping Construction Material: Fiberglass Reinforced Plastic

Tank Id/Tank Status: 2 / Currently in Use  
Tank Contents: Gasoline  
Tank Size: 8000  
Tank Date Installed: 1990  
Tank Type: Federally Regulated  
Tank Construction: Fiberglass Reinforced Plastic  
Tank Internal Protection: None  
Tank External Protection: None  
Tank Secondary Containment: Not reported  
Piping Construction Material: Fiberglass Reinforced Plastic

Tank Id/Tank Status: 3 / Currently in Use  
Tank Contents: Gasoline  
Tank Size: 8000  
Tank Date Installed: 1990  
Tank Type: Federally Regulated  
Tank Construction: Fiberglass Reinforced Plastic  
Tank Internal Protection: None  
Tank External Protection: None  
Tank Secondary Containment: Not reported  
Piping Construction Material: Fiberglass Reinforced Plastic

Tank Id/Tank Status: 4 / Currently in Use  
Tank Contents: Gasoline  
Tank Size: 8000  
Tank Date Installed: 1990  
Tank Type: Federally Regulated  
Tank Construction: Fiberglass Reinforced Plastic  
Tank Internal Protection: None  
Tank External Protection: None  
Tank Secondary Containment: Not reported  
Piping Construction Material: Fiberglass Reinforced Plastic

**HIST UST:**

Facility ID: 1109  
Owner: ERICON INC  
Owner Address: PO Box 40  
Owner City,St,Zip: BLAIR, NE 680080000  
Tank Number: 1  
**Tank Usage Status: Currently in Use**  
Tank Size (Gal): 8000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUIK PIK (Continued)**

**U003880893**

Tank Construction Material: Fiberglass Reinforced Plastic  
Tank Content(s): #2 Diesel  
Tank Installed: 1982  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1109  
Owner: ERICON INC  
Owner Address: PO Box 40  
Owner City,St,Zip: BLAIR, NE 680080000  
Tank Number: 2  
**Tank Usage Status: Currently in Use**  
Tank Size (Gal): 8000  
Tank Construction Material: Fiberglass Reinforced Plastic  
Tank Content(s): Gasoline  
Tank Installed: 1990  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1109  
Owner: ERICON INC  
Owner Address: PO Box 40  
Owner City,St,Zip: BLAIR, NE 680080000  
Tank Number: 3  
**Tank Usage Status: Currently in Use**  
Tank Size (Gal): 8000  
Tank Construction Material: Fiberglass Reinforced Plastic  
Tank Content(s): Gasoline  
Tank Installed: 1990  
Piping Construction Material(s): Fiberglass Reinforced Plastic

Facility ID: 1109  
Owner: ERICON INC  
Owner Address: PO Box 40  
Owner City,St,Zip: BLAIR, NE 680080000  
Tank Number: 4  
**Tank Usage Status: Currently in Use**  
Tank Size (Gal): 8000  
Tank Construction Material: Fiberglass Reinforced Plastic  
Tank Content(s): Gasoline  
Tank Installed: 1990  
Piping Construction Material(s): Fiberglass Reinforced Plastic

19  
SW  
1/4-1/2  
0.495 mi.  
2616 ft.

**NDOR - FREMONT  
OLD FREMONT NDOR/2  
FREMONT, NE**

**LUST S100327745  
N/A**

**Relative:  
Higher**

LUST:

**Facility Status: No Further Action**  
Incident Type: LUST  
File Number: 081992-99-0003  
Owner/RP: NEBR DEPT OF ROADS  
Line Num: 68  
SFM Num: 728

**Actual:  
1190 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**20**  
**SSW**  
**1/2-1**  
**0.613 mi.**  
**3239 ft.**

**SUNKIST CLEANERS**  
**1106 E 18TH ST**  
**FREMONT, NE 68025**

**DRYCLEANERS**  
**AIRS**  
**SHWS**

**S106518444**  
**N/A**

**Relative:**  
**Higher**

NE Dryclean:  
 Facility Type: Drycleaning Plants Except Rug Cleaning  
 Number Of Facilities: 3  
 SIC Code: 7216  
 SIC Code 2: 0

**Actual:**  
**1187 ft.**

NE AIRS:  
 Facility ID: 9468  
 Directions to Facility: Side 18 St, NE Cnr with Bell, NW Cnr with Yager

SHWS:  
 DEQ ID: 9468  
 Program Acronym: SF  
 Directions to Facility: N Side 18 St, NE Cnr with Bell, NW Cnr with Yager

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FREMONT	U003881297	MIRASTAR #62065	3008 E 23RD AVE N	68025	LUST, UST, HIST UST
FREMONT	S105172868	VICTORY LAKE CONCE	FREMONT STATE REC		LUST
FREMONT	S105432305		2N 1.5E FREMONT		LAST, SPILLS
FREMONT	S100065105	FREMONT WASTE WATE	FREMONT TREATMENT		LUST

# 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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	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: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/19/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 913-551-7003  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	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: 08/29/2014	Source: Department of the Navy
Date Data Arrived at EDR: 10/09/2014	Telephone: 843-820-7326
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/01/2014
	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: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/12/2015
	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: 09/23/2014	Source: Dept. of Environmental Quality
Date Data Arrived at EDR: 10/02/2014	Telephone: 402-471-3557
Date Made Active in Reports: 11/04/2014	Last EDR Contact: 09/22/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/05/2015
	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: 09/24/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/26/2014	Telephone: 402-471-4210
Date Made Active in Reports: 11/03/2014	Last EDR Contact: 09/22/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/05/2015
	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: 09/01/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/15/2014	Telephone: 402-471-3557
Date Made Active in Reports: 11/04/2014	Last EDR Contact: 10/15/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

### LAST: Leaking Aboveground Storage Tank Sites

Releases from an aboveground storage tank system.

Date of Government Version: 09/01/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/15/2014	Telephone: 402-471-3557
Date Made Active in Reports: 11/04/2014	Last EDR Contact: 10/15/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

### 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: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6271
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Quarterly

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Quarterly

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 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: 10/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/09/2015
	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: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/31/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/09/2015
	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: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

## **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: 07/07/2014	Source: Nebraska State Fire Marshal
Date Data Arrived at EDR: 08/07/2014	Telephone: 402-471-9664
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 11/05/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/16/2015
	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/16/2014  
Date Data Arrived at EDR: 07/17/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 36

Source: State Fire Marshal  
Telephone: 402-471-9465  
Last EDR Contact: 09/02/2014  
Next Scheduled EDR Contact: 12/15/2014  
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: 02/01/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 271

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/31/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 07/30/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 10

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 08/04/2014  
Date Data Arrived at EDR: 08/05/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 17

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/06/2014  
Date Data Arrived at EDR: 10/29/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 8

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Semi-Annually

### 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: 08/20/2014  
Date Data Arrived at EDR: 08/22/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 27

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### 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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/13/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 08/14/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Quarterly

## 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: 05/20/2014  
Date Data Arrived at EDR: 06/10/2014  
Date Made Active in Reports: 08/15/2014  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 02/01/2014  
Date Data Arrived at EDR: 06/26/2014  
Date Made Active in Reports: 07/14/2014  
Number of Days to Update: 18

Source: Department of Environmental Quality  
Telephone: 402-471-2214  
Last EDR Contact: 09/23/2014  
Next Scheduled EDR Contact: 01/05/2015  
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  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VCP: RAPMA Sites

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

Date of Government Version: 02/01/2014  
Date Data Arrived at EDR: 06/26/2014  
Date Made Active in Reports: 07/10/2014  
Number of Days to Update: 14

Source: Department of Environmental Quality  
Telephone: 402-471-2186  
Last EDR Contact: 09/26/2014  
Next Scheduled EDR Contact: 01/05/2015  
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.

Date of Government Version: 09/29/2014  
Date Data Arrived at EDR: 10/01/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 36

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 09/23/2014  
Date Data Arrived at EDR: 10/02/2014  
Date Made Active in Reports: 11/03/2014  
Number of Days to Update: 32

Source: Department of Environmental Quality  
Telephone: 402-471-2186  
Last EDR Contact: 09/22/2014  
Next Scheduled EDR Contact: 01/05/2015  
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: 09/22/2014  
Date Data Arrived at EDR: 09/23/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Semi-Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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: 10/24/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: No Update Planned

### 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

### SWRCY: Recycling Resource Directory

A listing of recycling facilities.

Date of Government Version: 09/26/2014  
Date Data Arrived at EDR: 09/26/2014  
Date Made Active in Reports: 11/03/2014  
Number of Days to Update: 38

Source: Department of Environmental Quality  
Telephone: 402-471-6974  
Last EDR Contact: 09/22/2014  
Next Scheduled EDR Contact: 01/05/2015  
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: 10/29/2014  
Next Scheduled EDR Contact: 02/16/2015  
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: 07/25/2014  
Date Data Arrived at EDR: 09/09/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 41

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
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: 07/25/2014  
Date Data Arrived at EDR: 09/09/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 41

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
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: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 09/30/2014  
Date Data Arrived at EDR: 10/01/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 36

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Annually

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

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

Date of Government Version: 09/01/2014  
Date Data Arrived at EDR: 10/15/2014  
Date Made Active in Reports: 11/04/2014  
Number of Days to Update: 20

Source: Department of Environmental Quality  
Telephone: 402-471-2186  
Last EDR Contact: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## 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

## **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: 06/10/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/02/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 11/07/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/12/2015
	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: 11/04/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/16/2015
	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: 11/07/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/26/2015
	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: 06/06/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
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: 12/31/2013  
Date Data Arrived at EDR: 01/24/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/30/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/09/2014  
Next Scheduled EDR Contact: 12/22/2014  
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: 08/20/2014  
Next Scheduled EDR Contact: 12/08/2014  
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: 01/30/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/04/2014  
Next Scheduled EDR Contact: 12/15/2014  
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: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
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: 09/26/2014  
Next Scheduled EDR Contact: 01/05/2015  
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: 08/19/2014  
Next Scheduled EDR Contact: 12/08/2014  
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: 08/19/2014  
Next Scheduled EDR Contact: 12/08/2014  
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: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 07/31/2014  
Date Data Arrived at EDR: 10/29/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 8

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 06/01/2013  
Date Data Arrived at EDR: 07/17/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 107

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 07/22/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 91

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
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: 10/07/2014  
Date Data Arrived at EDR: 10/08/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/08/2014  
Next Scheduled EDR Contact: 01/19/2015  
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: 08/16/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: EPA  
Telephone: (913) 551-7003  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
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: 08/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/12/2014	Telephone: 202-564-8600
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 86	Next Scheduled EDR Contact: 02/09/2015
	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: 08/29/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/08/2014
	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: 08/11/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/20/2014	Telephone: 402-471-2186
Date Made Active in Reports: 11/03/2014	Last EDR Contact: 11/03/2014
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/16/2015
	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: 09/22/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NPDES: Wastewater Database Listing

A listing of permitted wastewater facilities.

Date of Government Version: 09/10/2014  
Date Data Arrived at EDR: 09/16/2014  
Date Made Active in Reports: 11/04/2014  
Number of Days to Update: 49

Source: Department of Environmental Quality  
Telephone: 402-471-3557  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

## AIRS: Air State Program List

A listing of air program facilities.

Date of Government Version: 09/23/2014  
Date Data Arrived at EDR: 10/02/2014  
Date Made Active in Reports: 11/04/2014  
Number of Days to Update: 33

Source: Department of Environmental Quality  
Telephone: 402-471-3389  
Last EDR Contact: 09/22/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Quarterly

## TIER 2: Tier 2 Facility Listing

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

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/30/2014  
Date Made Active in Reports: 08/21/2014  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 402-471-3557  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
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: 11/07/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 10/20/2014  
Next Scheduled EDR Contact: 02/02/2015  
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

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/12/2014	Telephone: 703-603-8787
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 10/06/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/19/2015
	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: 08/15/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Varies

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 3	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/15/2014
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/24/2014
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/31/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

## Financial Assurance: Financial Assurance Information Listing

Financial assurance information for solid and hazardous waste sites.

Date of Government Version: 11/01/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/24/2013	Telephone: 402-471-2186
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 09/23/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Quarterly

# 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: 10/17/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/04/2014	Telephone: 202-566-1917
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/11/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: Quarterly

## 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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/29/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

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

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

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/29/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/12/2015
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/07/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: N/A

# 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 RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

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

## CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: No Update Planned

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2014  
Date Data Arrived at EDR: 08/07/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 71

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/05/2014  
Next Scheduled EDR Contact: 02/16/2015  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 08/07/2014  
Number of Days to Update: 48

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/15/2014  
Next Scheduled EDR Contact: 12/29/2014  
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.

**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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## State Wetlands Data: National Wetlands Inventory

Source: Department of Natural Resources

Telephone: 402-471-2363

## 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**

GREATER FREMONT DEVELOPMENT COUNCIL  
2800 N YAGER RD  
FREMONT, NE 68025

### **TARGET PROPERTY COORDINATES**

Latitude (North):	41.4568 - 41° 27' 24.48"
Longitude (West):	96.4763 - 96° 28' 34.68"
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	710789.2
UTM Y (Meters):	4592330.0
Elevation:	1183 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	41096-D4 FREMONT EAST, NE
Most Recent Revision:	1983

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).

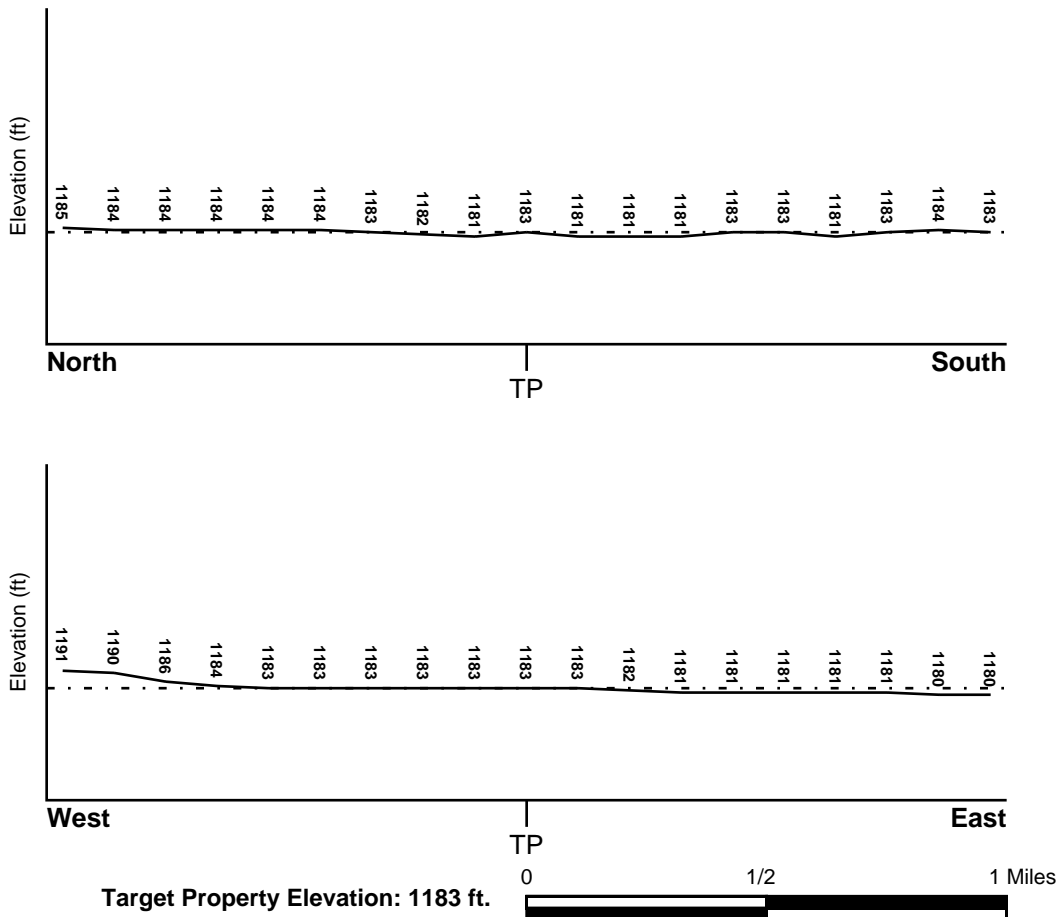
## TOPOGRAPHIC INFORMATION

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 SE

## 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> DODGE, NE	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	31053C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

## **NATIONAL WETLAND INVENTORY**

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

## **HYDROGEOLOGIC INFORMATION**

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

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

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



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

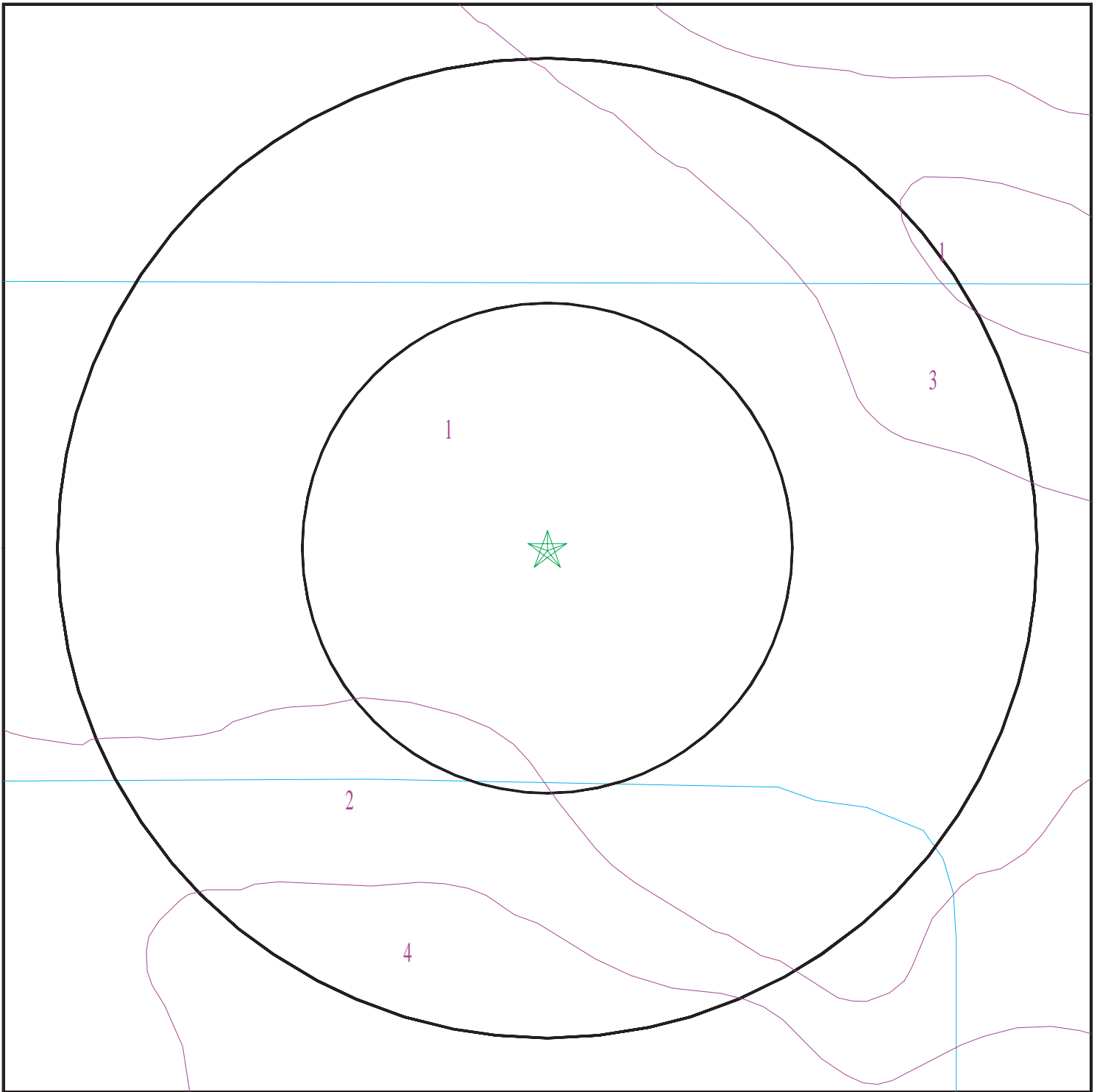
Era: Mesozoic  
System: Cretaceous  
Series: Woodbine and Tuscaloosa Groups  
Code: uK1 (*decoded above as Era, System & Series*)

#### **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 - 4134242.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water

0 1/16 1/8 1/4 Miles



SITE NAME: Greater Fremont Development Council  
ADDRESS: 2800 N Yager Rd  
Fremont NE 68025  
LAT/LONG: 41.4568 / 96.4763

CLIENT: Olsson Associates  
CONTACT: Ryan Doty  
INQUIRY #: 4134242.2s  
DATE: November 14, 2014 10:45 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: LUTON

Soil Surface Texture: silty clay

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	silty clay	Not reported	Not reported	Max: 0.4233 Min: 0.01	Max: 7.8 Min: 6.6
2	22 inches	59 inches	silty clay	Not reported	Not reported	Max: 0.4233 Min: 0.01	Max: 8.4 Min: 6.6

### Soil Map ID: 2

Soil Component Name: ZOOK

Soil Surface Texture: silt loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Poorly drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 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	20 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.6
2	20 inches	59 inches	silty clay	Not reported	Not reported	Max: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6

### Soil Map ID: 3

Soil Component Name: GIBBON

Soil Surface Texture: 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: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay loam	Not reported	Not reported	Max: 4.233 Min: 1.411	Max: 8.4 Min: 7.4
2	14 inches	35 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 7.4

## 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		
3	35 inches	59 inches	stratified very fine sandy loam to silt loam	Not reported	Not reported	Max: 42 Min: 4	Max: 8.4 Min: 7.9

### Soil Map ID: 4

Soil Component Name: JANUDE

Soil Surface Texture: loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.8 Min: 6.6
2	14 inches	42 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6
3	42 inches	55 inches	silty clay	Not reported	Not reported	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 6.6
4	55 inches	79 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 8.4 Min: 6.6

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
D35	USGS40000742776	1/2 - 1 Mile ESE

## **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**

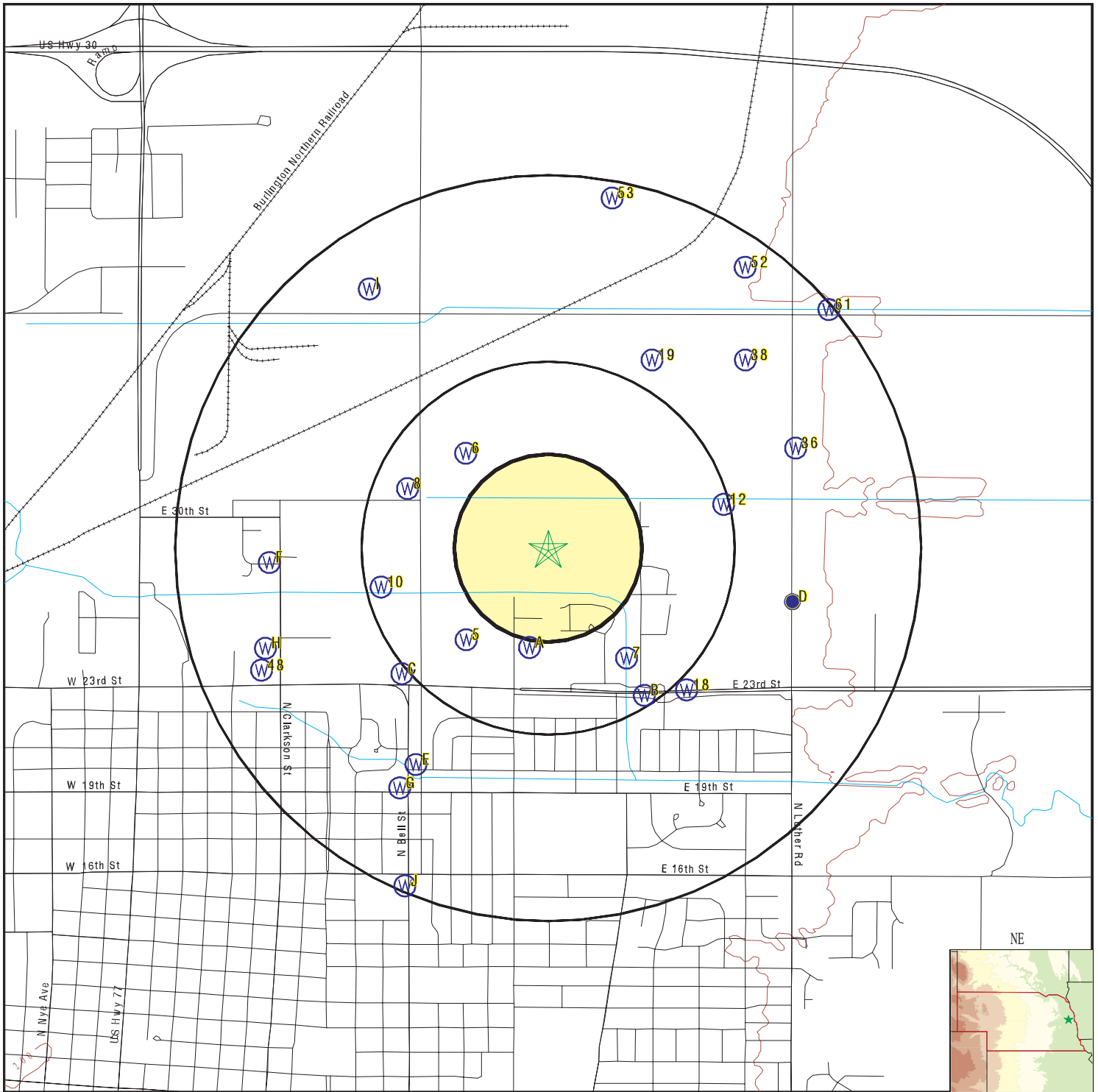
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	NE5000000126969	1/4 - 1/2 Mile SSW
A2	NE5000000126893	1/4 - 1/2 Mile South
A3	NE5000000126874	1/4 - 1/2 Mile South
A4	NE5000000126852	1/4 - 1/2 Mile South
5	NE5000000126958	1/4 - 1/2 Mile SW
6	NE5000000127591	1/4 - 1/2 Mile NW
7	NE5000000126841	1/4 - 1/2 Mile SE
8	NE5000000127470	1/4 - 1/2 Mile WNW
B9	NE5000000126689	1/4 - 1/2 Mile SSE
10	NE5000000127116	1/4 - 1/2 Mile WSW
B11	NE5000000126692	1/4 - 1/2 Mile SE
12	NE5000000127426	1/4 - 1/2 Mile ENE
B13	NE5000000126658	1/4 - 1/2 Mile SE
C14	NE5000000126777	1/2 - 1 Mile SW
C15	NE5000000126773	1/2 - 1 Mile SW
C16	NE5000000126770	1/2 - 1 Mile SW
C17	NE5000000126764	1/2 - 1 Mile SW
18	NE5000000126702	1/2 - 1 Mile SE
19	NE5000000127931	1/2 - 1 Mile NNE
D20	NE5000000127060	1/2 - 1 Mile ESE
E21	NE5000000126422	1/2 - 1 Mile SSW
E22	NE5000000126402	1/2 - 1 Mile SSW
E23	NE5000000126425	1/2 - 1 Mile SSW
E24	NE5000000126428	1/2 - 1 Mile SSW
E25	NE5000000126421	1/2 - 1 Mile SSW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E26	NE5000000126400	1/2 - 1 Mile SSW
E27	NE5000000126386	1/2 - 1 Mile SSW
E28	NE5000000126363	1/2 - 1 Mile SSW
E29	NE5000000126373	1/2 - 1 Mile SSW
E30	NE5000000126368	1/2 - 1 Mile SSW
E31	NE5000000126367	1/2 - 1 Mile SSW
E32	NE5000000126361	1/2 - 1 Mile SSW
E33	NE5000000126334	1/2 - 1 Mile SSW
E34	NE5000000126356	1/2 - 1 Mile SSW
36	NE5000000127607	1/2 - 1 Mile ENE
F37	NE5000000127215	1/2 - 1 Mile West
38	NE5000000127932	1/2 - 1 Mile NE
F39	NE5000000127216	1/2 - 1 Mile West
G40	NE5000000126281	1/2 - 1 Mile SSW
G41	NE5000000126270	1/2 - 1 Mile SSW
H42	NE5000000126965	1/2 - 1 Mile WSW
G43	NE5000000126268	1/2 - 1 Mile SSW
F44	NE5000000127158	1/2 - 1 Mile West
H45	NE5000000126886	1/2 - 1 Mile WSW
H46	NE5000000126827	1/2 - 1 Mile WSW
H47	NE5000000126933	1/2 - 1 Mile WSW
48	NE5000000126785	1/2 - 1 Mile WSW
I49	NE5000000128208	1/2 - 1 Mile NW
I50	NE5000000128213	1/2 - 1 Mile NW
I51	NE5000000128224	1/2 - 1 Mile NW
52	NE5000000128315	1/2 - 1 Mile NE
53	NE5000000128542	1/2 - 1 Mile North
J54	NE5000000126048	1/2 - 1 Mile SSW
J55	NE5000000126015	1/2 - 1 Mile SSW
J56	NE5000000126021	1/2 - 1 Mile SSW
J57	NE5000000126002	1/2 - 1 Mile SSW
J58	NE5000000125991	1/2 - 1 Mile SSW
J59	NE5000000126009	1/2 - 1 Mile SSW
J60	NE5000000126003	1/2 - 1 Mile SSW
61	NE5000000128131	1/2 - 1 Mile NE
J62	NE5000000125992	1/2 - 1 Mile SSW
J63	NE5000000126004	1/2 - 1 Mile SSW
J64	NE5000000125999	1/2 - 1 Mile SSW
J65	NE5000000125998	1/2 - 1 Mile SSW
J66	NE5000000125988	1/2 - 1 Mile SSW
J67	NE5000000125986	1/2 - 1 Mile SSW

# PHYSICAL SETTING SOURCE MAP - 4134242.2s



- 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: Greater Fremont Development Council  
 ADDRESS: 2800 N Yager Rd  
 Fremont NE 68025  
 LAT/LONG: 41.4568 / 96.4763

CLIENT: Olsson Associates  
 CONTACT: Ryan Doty  
 INQUIRY #: 4134242.2s  
 DATE: November 14, 2014 10:45 am



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS      NE5000000126969**

Oid :	0	Wellid:	104130
Regnum:	G-093211	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	CD	Footage:	700N 1350E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	12	Pcoldiam:	1
Pdepth:	28	Totaldepth:	28
Stwaterlev:	8	Pwaterlev:	15
Wedrilic:	39221	Ownernumbe:	48121
Compname:	Robert A Steenblock		
Citystzip:	Fremont, NE 68025		
Address1:	1410 North Garden City Road		
Address2:	Not Reported		
Fildate:	29-OCT-97	Cmpldmonth:	5
Cmpldday:	6	Cmpldyear:	1996
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.453351		
Longdd:	-96.478054		
Calcgps:	-1	Site id:	NE5000000126969

**A2**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS      NE5000000126893**

Oid :	0	Wellid:	129890
Regnum:	G-108526B	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	CD	Footage:	525N 1635E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	19153	Ownernumbe:	57503
Compname:	K Mart Corporation		
Citystzip:	Fort Dodge, IA 50501		
Address1:	3126 5th Avenue		
Address2:	Not Reported		
Fildate:	24-JAN-01	Cmpldmonth:	11
Cmpldday:	22	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	1/2001
Latdd:	41.452871		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.477011      Site id: NE5000000126893  
 Calcgps: -1

**A3**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS      NE5000000126874**

Oid :	0	Wellid:	129888
Regnum:	G-108526A	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	CD	Footage:	500N 1650E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	19153	Ownernumbe:	57503
Compname:	K Mart Corporation		
Citystzip:	Fort Dodge, IA 50501		
Address1:	3126 5th Avenue		
Address2:	Not Reported		
Fildate:	24-JAN-01	Cmpldmonth:	11
Cmpldday:	22	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	1/2000
Latdd:	41.452802		
Longdd:	-96.476956		
Calcgps:	-1	Site id:	NE5000000126874

**A4**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS      NE5000000126852**

Oid :	0	Wellid:	129891
Regnum:	G-108526C	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	CD	Footage:	475N 1640E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	19153	Ownernumbe:	57503
Compname:	K Mart Corporation		
Citystzip:	Fort Dodge, IA 50501		
Address1:	3126 5th Avenue		
Address2:	Not Reported		
Fildate:	24-JAN-01	Cmpldmonth:	11
Cmpldday:	22	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	1/2001
Latdd:	41.452734		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.476992  
 Calcgps: -1  
 Site id: NE5000000126852

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

**NE WELLS NE5000000126958**

Oid :	0	Wellid:	3892
Regnum:	G-000586	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	CC	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	90		
Gpm:	20	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	28408
Compname:	Louis L Roy		
Citystzip:	Fremont, NE 68025		
Address1:	RR 3 Box 222		
Address2:	Not Reported		
Fildate:	11-MAY-56	Cmpldmonth:	5
Cmpldday:	1	Cmpldyear:	1956
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.453241		
Longdd:	-96.480527		
Calcgps:	-1	Site id:	NE5000000126958

**6  
NW  
1/4 - 1/2 Mile  
Lower**

**NE WELLS NE5000000127591**

Oid :	0	Wellid:	66178
Regnum:	G-058470	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	BC	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	72		
Gpm:	1300	Pcoldiam:	8
Pdepth:	0	Totaldepth:	92
Stwaterlev:	15	Pwaterlev:	30
Wedrilic:	0	Ownernumbe:	20817
Compname:	Elmer Martens		
Citystzip:	Fremont, NE 68025		
Address1:	RR 4		
Address2:	Not Reported		
Fildate:	13-OCT-77	Cmpldmonth:	4
Cmpldday:	25	Cmpldyear:	1977
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.460485		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.48055  
 Calcgps: -1  
 Site id: NE5000000127591

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

**NE WELLS NE5000000126841**

Oid :	0	Wellid:	18379
Regnum:	G-013105	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	DC	Footage:	400N 2350W
Areapermit:	Not Reported		
Acres:	10		
Gpm:	500	Pcoldiam:	3
Pdepth:	0	Totaldepth:	71
Stwaterlev:	16	Pwaterlev:	20
Wedrilic:	0	Ownernumbe:	8478
Compname:	H H Erwin		
Citystzip:	Fremont, NE 68025		
Address1:	RR 3		
Address2:	Not Reported		
Fildate:	21-SEP-57	Cmpldmonth:	8
Cmpldday:	10	Cmpldyear:	1956
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.452528		
Longdd:	-96.472245		
Calcgps:	-1	Site id:	NE5000000126841

**8  
WNW  
1/4 - 1/2 Mile  
Higher**

**NE WELLS NE5000000127470**

Oid :	0	Wellid:	99814
Regnum:	G-087858	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	AD	Footage:	2475S 150W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	10	Pcoldiam:	1
Pdepth:	30	Totaldepth:	50
Stwaterlev:	10	Pwaterlev:	10
Wedrilic:	39252	Ownernumbe:	41751
Compname:	Coughlin Appraisal Service		
Citystzip:	Fremont, NE 68025		
Address1:	PO Box 455		
Address2:	Not Reported		
Fildate:	07-MAY-96	Cmpldmonth:	4
Cmpldday:	24	Cmpldyear:	1996
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.459111		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483558  
 Calcgps: -1  
 Site id: NE5000000127470

**B9  
SSE  
1/4 - 1/2 Mile  
Lower**

**NE WELLS NE5000000126689**

Oid :	0	Wellid:	89949
Regnum:	G-081296	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	AB	Footage:	100S 2300W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	17
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39273	Ownernumbe:	41736
Compname:	Robert Weiss		
Citystzip:	Fremont, NE 68025		
Address1:	RR 1		
Address2:	Not Reported		
Fildate:	09-MAY-94	Cmpldmonth:	8
Cmpldday:	3	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.451156		
Longdd:	-96.472064		
Calcgps:	-1	Site id:	NE5000000126689

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

**NE WELLS NE5000000127116**

Oid :	0	Wellid:	98973
Regnum:	G-087181	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DA	Footage:	1400N 530W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	50	Pcoldiam:	2
Pdepth:	21	Totaldepth:	47
Stwaterlev:	14	Pwaterlev:	14
Wedrilic:	39252	Ownernumbe:	45636
Compname:	Masonic Eastern Star Home For Children		
Citystzip:	Fremont, NE 68025		
Address1:	PO Box 1327		
Address2:	Not Reported		
Fildate:	01-MAR-96	Cmpldmonth:	8
Cmpldday:	18	Cmpldyear:	1995
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.455285		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.484922  
 Calcgps: -1  
 Site id: NE5000000127116

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

**NE WELLS    NE5000000126692**

Oid :	0	Wellid:	126875
Regnum:	G-106506A	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	AB	Footage:	95S 1995W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	12	Pwaterlev:	0
Wedrilic:	19153	Ownernumbe:	56609
Compname:	Gordon Brannon		
Citystzip:	Fremont, NE 68025		
Address1:	1735 Churchill Drive		
Address2:	Not Reported		
Fildate:	26-JUL-00	Cmpldmonth:	6
Cmpldday:	26	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.45117		
Longdd:	-96.470951		
Calcgps:	-1	Site id:	NE5000000126692

**12  
ENE  
1/4 - 1/2 Mile  
Lower**

**NE WELLS    NE5000000127426**

Oid :	0	Wellid:	18127
Regnum:	G-012889	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	AD	Footage:	2576N 970W
Areapermit:	Not Reported		
Acres:	74		
Gpm:	1200	Pcoldiam:	6
Pdepth:	0	Totaldepth:	50
Stwaterlev:	18	Pwaterlev:	25
Wedrilic:	0	Ownernumbe:	21135
Compname:	J F McCartney		
Citystzip:	Fremont, NE 68025		
Address1:	RR 3		
Address2:	Not Reported		
Fildate:	20-SEP-57	Cmpldmonth:	5
Cmpldday:	7	Cmpldyear:	1957
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.458499		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.46723  
 Calcgps: -1  
 Site id: NE5000000127426

**B13**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**NE WELLS NE5000000126658**

Oid :	0	Wellid:	126876
Regnum:	G-106506B	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	AB	Footage:	190S 2000W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	11	Pwaterlev:	0
Wedrilic:	19153	Ownernumbe:	56609
Compname:	Gordon Brannon		
Citystzip:	Fremont, NE 68025		
Address1:	1735 Churchill Drive		
Address2:	Not Reported		
Fildate:	26-JUL-00	Cmpldmonth:	6
Cmpldday:	26	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.450909		
Longdd:	-96.47097		
Calcgps:	-1	Site id:	NE5000000126658

**C14**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**NE WELLS NE5000000126777**

Oid :	0	Wellid:	88810
Regnum:	G-080153	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DD	Footage:	195N 230W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	39271	Ownernumbe:	11232
Compname:	J C Penney		
Citystzip:	Schaumburg, IL 60195		
Address1:	1901 North Roselle Road		
Address2:	Not Reported		
Fildate:	01-FEB-94	Cmpldmonth:	10
Cmpldday:	15	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.451971		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483808  
 Calcgps: -1  
 Site id: NE5000000126777

**C15  
SW  
1/2 - 1 Mile  
Higher**

**NE WELLS    NE5000000126773**

Oid :	0	Wellid:	88809
Regnum:	G-080152	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DD	Footage:	180N 235W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	39271	Ownernumbe:	11232
Compname:	J C Penney		
Citystzip:	Schaumburg, IL 60195		
Address1:	1901 North Roselle Road		
Address2:	Not Reported		
Fildate:	01-FEB-94	Cmpldmonth:	10
Cmpldday:	5	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.45193		
Longdd:	-96.483826		
Calcgps:	-1	Site id:	NE5000000126773

**C16  
SW  
1/2 - 1 Mile  
Higher**

**NE WELLS    NE5000000126770**

Oid :	0	Wellid:	88808
Regnum:	G-080151	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DD	Footage:	170N 240W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	15
Stwaterlev:	3	Pwaterlev:	0
Wedrilic:	39271	Ownernumbe:	11232
Compname:	J C Penney		
Citystzip:	Schaumburg, IL 60195		
Address1:	1901 North Roselle Road		
Address2:	Not Reported		
Fildate:	01-FEB-94	Cmpldmonth:	10
Cmpldday:	5	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.451902		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483845  
 Calcgps: -1  
 Site id: NE5000000126770

**C17  
 SW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126764**

Oid :	0	Wellid:	88807
Regnum:	G-080150	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DD	Footage:	160N 260W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	39271	Ownernumbe:	11232
Compname:	J C Penney		
Citystzip:	Schaumburg, IL 60195		
Address1:	1901 North Roselle Road		
Address2:	Not Reported		
Fildate:	01-FEB-94	Cmpldmonth:	10
Cmpldday:	5	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.451875		
Longdd:	-96.483917		
Calcgps:	-1	Site id:	NE5000000126764

**18  
 SE  
 1/2 - 1 Mile  
 Lower**

**NE WELLS NE5000000126702**

Oid :	0	Wellid:	138762
Regnum:	G-114494	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	AB	Footage:	50S 1500W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	30	Pcoldiam:	0
Pdepth:	0	Totaldepth:	28
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	2	Ownernumbe:	23333
Compname:	Nebraska Game & Parks Commission		
Citystzip:	Lincoln, NE 68503		
Address1:	INTERAGENCY		
Address2:	Engineering Department		
Fildate:	07-FEB-02	Cmpldmonth:	12
Cmpldday:	21	Cmpldyear:	1971
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.451293		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.469145  
 Calcgps: -1  
 Site id: NE5000000126702

**19  
 NNE  
 1/2 - 1 Mile  
 Lower**

**NE WELLS      NE5000000127931**

Oid :	0	Wellid:	6204
Regnum:	G-002590	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	AB	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	87		
Gpm:	1200	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	22553
Compname:	James L & Ellen P/Ann C & Robe Paulson & Galley		
Citystzip:	Fremont, NE 68026		
Address1:	1735 East Military Box 672		
Address2:	Lallman & Paulson Inc		
Fildate:	23-MAR-57	Cmpldmonth:	12
Cmpldday:	1	Cmpldyear:	1956
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.464107		
Longdd:	-96.470931		
Calcgps:	-1	Site id:	NE5000000127931

**D20  
 ESE  
 1/2 - 1 Mile  
 Lower**

**NE WELLS      NE5000000127060**

Oid :	0	Wellid:	89105
Regnum:	G-080449	Replacemen:	0
Status:	Active	Useid:	Commercial/Industrial
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	DD	Footage:	1200N 165W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	16	Pcoldiam:	1
Pdepth:	0	Totaldepth:	81
Stwaterlev:	5	Pwaterlev:	5
Wedrilic:	39252	Ownernumbe:	41421
Compname:	Lewis Verner Veterinary Clinic		
Citystzip:	Fremont, NE 68025		
Address1:	RR 4 Box 32E		
Address2:	Not Reported		
Fildate:	22-FEB-94	Cmpldmonth:	2
Cmpldday:	2	Cmpldyear:	1994
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.454723		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.464282  
 Calcgps: -1  
 Site id: NE5000000127060

**E21  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000126422**

Oid :	0	Wellid:	88722
Regnum:	G-080065	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1030S 24W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	3	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	12
Cmpldday:	10	Cmpldyear:	1991
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448604		
Longdd:	-96.483045		
Calcgps:	-1	Site id:	NE5000000126422

**E22  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000126402**

Oid :	0	Wellid:	88724
Regnum:	G-080067	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	BB	Footage:	1073S 18E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	18
Stwaterlev:	11	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	30	Cmpldyear:	1992
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448486		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.482891  
 Calcgps: -1  
 Site id: NE5000000126402

**E23  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000126425**

Oid :	0	Wellid:	88719
Regnum:	G-080062	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1020S 75W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	3	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	12
Cmpldday:	10	Cmpldyear:	1991
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448633		
Longdd:	-96.483231		
Calcgps:	-1	Site id:	NE5000000126425

**E24  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000126428**

Oid :	0	Wellid:	88721
Regnum:	G-080064	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1009S 123W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	3	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	12
Cmpldday:	10	Cmpldyear:	1991
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448664		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483406  
 Calcgps: -1  
 Site id: NE5000000126428

**E25  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126421**

Oid :	0	Wellid:	88720
Regnum:	G-080063	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1034S 108W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	3	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	12
Cmpldday:	10	Cmpldyear:	1991
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448595		
Longdd:	-96.483351		
Calcgps:	-1	Site id:	NE5000000126421

**E26  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126400**

Oid :	0	Wellid:	88723
Regnum:	G-080066	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1080S 38W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	3	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	12
Cmpldday:	10	Cmpldyear:	1991
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448467		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483096      Site id: NE5000000126400  
 Calcgps: -1

**E27  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000126386**

Oid :	0	Wellid:	88725
Regnum:	G-080068	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1110S 51W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	18
Stwaterlev:	10	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	8
Cmpldday:	4	Cmpldyear:	1992
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448385		
Longdd:	-96.483143		
Calcgps:	-1	Site id:	NE5000000126386

**E28  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000126363**

Oid :	0	Wellid:	88730
Regnum:	G-080073	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	BB	Footage:	1155S 18E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	30	Cmpldyear:	1992
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448261		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.482891  
 Calcgps: -1  
 Site id: NE5000000126363

**E29  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126373**

Oid :	0	Wellid:	88727
Regnum:	G-080070	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1132S 36W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	13
Stwaterlev:	10	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	29	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448325		
Longdd:	-96.483088		
Calcgps:	-1	Site id:	NE5000000126373

**E30  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126368**

Oid :	0	Wellid:	88728
Regnum:	G-080071	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1143S 41W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	25
Stwaterlev:	10	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	30	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448295		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483106  
 Calcgps: -1  
 Site id: NE5000000126368

**E31  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126367**

Oid :	0	Wellid:	88729
Regnum:	G-080072	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1146S 45W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	13
Stwaterlev:	10	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	30	Cmpldyear:	1993
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448287		
Longdd:	-96.483121		
Calcgps:	-1	Site id:	NE5000000126367

**E32  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126361**

Oid :	0	Wellid:	88731
Regnum:	G-080074	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1157S 37W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	19
Stwaterlev:	11	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	30	Cmpldyear:	1992
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448256		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483091  
 Calcgps: -1  
 Site id: NE5000000126361

**E33  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126334**

Oid :	0	Wellid:	88733
Regnum:	G-080076	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	13
Subsection:	BB	Footage:	1240S 18E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	18
Stwaterlev:	12	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	8
Cmpldday:	4	Cmpldyear:	1992
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448027		
Longdd:	-96.48289		
Calcgps:	-1	Site id:	NE5000000126334

**E34  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS NE5000000126356**

Oid :	0	Wellid:	88732
Regnum:	G-080075	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AA	Footage:	1164S 115W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	12	Pwaterlev:	0
Wedrilic:	19025	Ownernumbe:	41305
Compname:	Fina Oil & Chemical Corporation		
Citystzip:	West Des Moines, IA 50266		
Address1:	4200 Corporate Drive Ste 102		
Address2:	Arrowhead Contracting Cristan Grover		
Fildate:	24-JAN-94	Cmpldmonth:	6
Cmpldday:	30	Cmpldyear:	1992
Lastchgdat:	30-DEC-99	Xdate2:	4/2003
Latdd:	41.448239		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483376      Site id: NE5000000126356  
 Calcgps: -1

**D35**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000742776**

Org. Identifier:	USGS-NE		
Formal name:	USGS Nebraska Water Science Center		
Monloc Identifier:	USGS-412717096274601		
Monloc name:	17N 9E 7CCBB1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.454721
Longitude:	-96.4630798	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:	1180.
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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 31

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-03-28	9.90		2002-04-14	8.50	
2001-04-30	8.2		2000-04	8.7	
1999-04-30	3.9		1998-12-02	6.4	
1998-04-29	6.00		1997-11-03	8.7	
1997-03-31	9.9		1996-11	8.9	
1996-04	8.4		1995-04	7.0	
1994-10	10.2		1994-04	7.4	
1993-10	5.0		1993-04	4.1	
1992-10	5.7		1992-04	5.1	
1991-10	8.4		1991-04	9.5	
1990-10	9.6		1990-04	10.1	
1989-10	10.4		1989-04	10.7	
1988-10	9.9		1988-04	7.9	
1987-10	6.8		1987-04	4.4	
1986-10	3.8		1986-04	4.8	
1985-10	5.9				

**36**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000127607**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Oid :	0	Wellid:	168956
Regnum:	G-134598C	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	9
Rangelet:	E	Section:	7
Subsection:	BC	Footage:	1900S 49E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	15
Stwaterlev:	5	Pwaterlev:	0
Wedrilic:	19203	Ownernumbe:	73677
Compname:	Meridian Development Services		
Citystzip:	Arlington, NE 68002		
Address1:	PO Box 610		
Address2:	Not Reported		
Fildate:	08-JUL-05	Cmpldmonth:	6
Cmpldday:	7	Cmpldyear:	2005
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.4606833333		
Longdd:	-96.4635166667		
Calcgps:	0	Site id:	NE5000000127607

**F37  
West  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000127215**

Oid :	0	Wellid:	114465
Regnum:	G-097685A	Replacemen:	0
Status:	Active	Useid:	Observation (Ground Water Levels)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DB	Footage:	1800N 2000W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	10
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	7250
Compname:	Marcia Beck DDS MS		
Citystzip:	Omaha, NE 68114		
Address1:	9802 Nicholas Street Suite 210		
Address2:	Not Reported		
Fildate:	03-SEP-98	Cmpldmonth:	8
Cmpldday:	5	Cmpldyear:	1998
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.456418		
Longdd:	-96.49029		
Calcgps:	-1	Site id:	NE5000000127215

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

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

**NE WELLS      NE5000000127932**

Oid :	0	Wellid:	55661
Regnum:	G-048202	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	12
Subsection:	AA	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	123		
Gpm:	1500	Pcoldiam:	8
Pdepth:	0	Totaldepth:	100
Stwaterlev:	17	Pwaterlev:	24
Wedrilic:	0	Ownernumbe:	21135
Compname:	J F McCartney		
Citystzip:	Fremont, NE 68025		
Address1:	RR 3		
Address2:	Not Reported		
Fildate:	30-DEC-75	Cmpldmonth:	8
Cmpldday:	23	Cmpldyear:	1974
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.464107		
Longdd:	-96.466115		
Calcgps:	-1	Site id:	NE5000000127932

**F39**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**NE WELLS      NE5000000127216**

Oid :	0	Wellid:	114466
Regnum:	G-097685B	Replacemen:	0
Status:	Active	Useid:	Observation (Ground Water Levels)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DB	Footage:	1800N 2030W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	7250
Compname:	Marcia Beck DDS MS		
Citystzip:	Omaha, NE 68114		
Address1:	9802 Nicholas Street Suite 210		
Address2:	Not Reported		
Fildate:	03-SEP-98	Cmpldmonth:	8
Cmpldday:	5	Cmpldyear:	1998
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.456419		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.490399  
 Calcgps: -1  
 Site id: NE5000000127216

**G40  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000126281**

Oid :	0	Wellid:	129141
Regnum:	G-108173A	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AD	Footage:	1415S 260W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	19030	Ownernumbe:	39422
Compname:	Alford Oil Company		
Citystzip:	Omaha, NE 68106		
Address1:	6215 Grover Street		
Address2:	Bill Alford Jr		
Fildate:	22-DEC-00	Cmpldmonth:	8
Cmpldday:	22	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	3/2001
Latdd:	41.447554		
Longdd:	-96.483902		
Calcgps:	-1	Site id:	NE5000000126281

**G41  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000126270**

Oid :	0	Wellid:	129142
Regnum:	G-108173B	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AD	Footage:	1450S 220W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14	Pwaterlev:	0
Wedrilic:	19030	Ownernumbe:	39422
Compname:	Alford Oil Company		
Citystzip:	Omaha, NE 68106		
Address1:	6215 Grover Street		
Address2:	Bill Alford Jr		
Fildate:	22-DEC-00	Cmpldmonth:	8
Cmpldday:	22	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	3/2001
Latdd:	41.447457		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483756      Site id: NE5000000126270  
 Calcgps: -1

**H42  
WSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000126965**

Oid :	0	Wellid:	59511
Regnum:	G-051966	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DC	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	3		
Gpm:	35	Pcoldiam:	4
Pdepth:	0	Totaldepth:	45
Stwaterlev:	29	Pwaterlev:	35
Wedrilic:	0	Ownernumbe:	21735
Compname:	Memorial Hospital of Dodge County		
Citystzip:	Fremont, NE 68025		
Address1:	23rd & Clarkson		
Address2:	Not Reported		
Fildate:	15-SEP-76	Cmpldmonth:	7
Cmpldday:	22	Cmpldyear:	1976
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.453289		
Longdd:	-96.490198		
Calcgps:	-1	Site id:	NE5000000126965

**G43  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000126268**

Oid :	0	Wellid:	129143
Regnum:	G-108173C	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	AD	Footage:	1455S 345W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	19030	Ownernumbe:	39422
Compname:	Alford Oil Company		
Citystzip:	Omaha, NE 68106		
Address1:	6215 Grover Street		
Address2:	Bill Alford Jr		
Fildate:	22-DEC-00	Cmpldmonth:	8
Cmpldday:	22	Cmpldyear:	2000
Lastchgdat:	30-DEC-99	Xdate2:	3/2001
Latdd:	41.447446		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.484212  
 Calcgps: -1  
 Site id: NE5000000126268

**F44  
West  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000127158**

Oid :	0	Wellid:	105053
Regnum:	G-089993	Replacemen:	0
Status:	Active	Useid:	Domestic
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DB	Footage:	1600N 2300W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	30	Pcoldiam:	1
Pdepth:	25	Totaldepth:	33
Stwaterlev:	6	Pwaterlev:	20
Wedrilic:	39221	Ownernumbe:	45636
Compname:	Masonic Eastern Star Home For Children		
Citystzip:	Fremont, NE 68025		
Address1:	PO Box 1327		
Address2:	Not Reported		
Fildate:	06-DEC-96	Cmpldmonth:	4
Cmpldday:	19	Cmpldyear:	1996
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.455876		
Longdd:	-96.491381		
Calcgps:	-1	Site id:	NE5000000127158

**H45  
WSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000126886**

Oid :	0	Wellid:	114425
Regnum:	G-101945	Replacemen:	0
Status:	Active	Useid:	Dewatering (Over 90 Days)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DC	Footage:	495N 2180W
Areapermit:	LPN-980113		
Acres:	0		
Gpm:	500	Pcoldiam:	6
Pdepth:	30	Totaldepth:	45
Stwaterlev:	12	Pwaterlev:	15
Wedrilic:	39252	Ownernumbe:	10411
Compname:	Fremont Area Medical Center		
Citystzip:	Fremont, NE 68025		
Address1:	450 East 23rd		
Address2:	Not Reported		
Fildate:	09-SEP-99	Cmpldmonth:	9
Cmpldday:	18	Cmpldyear:	1998
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.452841		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.490925  
 Calcgps: -1  
 Site id: NE5000000126886

**H46  
WSW  
1/2 - 1 Mile  
Higher**

**NE WELLS    NE5000000126827**

Oid :	0	Wellid:	119000
Regnum:	G-101947	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DC	Footage:	354N 2185W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	21
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	39252	Ownernumbe:	10411
Compname:	Fremont Area Medical Center		
Citystzip:	Fremont, NE 68025		
Address1:	450 East 23rd		
Address2:	Not Reported		
Fildate:	09-SEP-99	Cmpldmonth:	9
Cmpldday:	10	Cmpldyear:	1998
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.452455		
Longdd:	-96.490941		
Calcgps:	-1	Site id:	NE5000000126827

**H47  
WSW  
1/2 - 1 Mile  
Higher**

**NE WELLS    NE5000000126933**

Oid :	0	Wellid:	114426
Regnum:	G-101946	Replacemen:	0
Status:	Active	Useid:	Dewatering (Over 90 Days)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DC	Footage:	570N 2340W
Areapermit:	LPN-980114		
Acres:	0		
Gpm:	500	Pcoldiam:	6
Pdepth:	30	Totaldepth:	51
Stwaterlev:	10	Pwaterlev:	12
Wedrilic:	39252	Ownernumbe:	10411
Compname:	Fremont Area Medical Center		
Citystzip:	Fremont, NE 68025		
Address1:	450 East 23rd		
Address2:	Not Reported		
Fildate:	09-SEP-99	Cmpldmonth:	7
Cmpldday:	15	Cmpldyear:	1998
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.453051		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.49151  
 Calcgps: -1  
 Site id: NE5000000126933

**48  
 WSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000126785**

Oid :	0	Wellid:	120302
Regnum:	G-101948	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	11
Subsection:	DC	Footage:	210N 2228W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	13	Pwaterlev:	0
Wedrilic:	39252	Ownernumbe:	10411
Compname:	Fremont Area Medical Center		
Citystzip:	Fremont, NE 68025		
Address1:	450 East 23rd		
Address2:	Not Reported		
Fildate:	09-SEP-99	Cmpldmonth:	9
Cmpldday:	9	Cmpldyear:	1998
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.45206		
Longdd:	-96.491096		
Calcgps:	-1	Site id:	NE5000000126785

**149  
 NW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000128208**

Oid :	0	Wellid:	138897
Regnum:	G-114688A	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	2
Subsection:	DD	Footage:	318N 687W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	22
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39349	Ownernumbe:	14092
Compname:	Hormel Foods		
Citystzip:	Fremont, NE 68025		
Address1:	900 South Platte Avenue		
Address2:	Not Reported		
Fildate:	20-FEB-02	Cmpldmonth:	1
Cmpldday:	17	Cmpldyear:	2002
Lastchgdat:	30-DEC-99	Xdate2:	7/2002
Latdd:	41.466797		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.485556  
 Calcgps: -1  
 Site id: NE5000000128208

**I50  
 NW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS    NE5000000128213**

Oid :	0	Wellid:	138898
Regnum:	G-114688B	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	2
Subsection:	DD	Footage:	341N 663W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	22
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39349	Ownernumbe:	14092
Compname:	Hormel Foods		
Citystzip:	Fremont, NE 68025		
Address1:	900 South Platte Avenue		
Address2:	Not Reported		
Fildate:	20-FEB-02	Cmpldmonth:	1
Cmpldday:	17	Cmpldyear:	2002
Lastchgdat:	30-DEC-99	Xdate2:	7/2002
Latdd:	41.466859		
Longdd:	-96.485468		
Calcgps:	-1	Site id:	NE5000000128213

**I51  
 NW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS    NE5000000128224**

Oid :	0	Wellid:	138899
Regnum:	G-114688C	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	2
Subsection:	DD	Footage:	368N 690W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39349	Ownernumbe:	14092
Compname:	Hormel Foods		
Citystzip:	Fremont, NE 68025		
Address1:	900 South Platte Avenue		
Address2:	Not Reported		
Fildate:	20-FEB-02	Cmpldmonth:	1
Cmpldday:	17	Cmpldyear:	2002
Lastchgdat:	30-DEC-99	Xdate2:	7/2002
Latdd:	41.466934		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.485567      Site id: NE5000000128224  
 Calcgps: -1

**52**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**NE WELLS      NE5000000128315**

Oid :	0	Wellid:	5397
Regnum:	G-001892	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	1
Subsection:	DD	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	96		
Gpm:	1750	Pcoldiam:	0
Pdepth:	0	Totaldepth:	0
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	0	Ownernumbe:	76806
Compname:	Robert C Schlumberger		
Citystzip:	Fremont, NE 68025		
Address1:	710 East 22nd Street		
Address2:	Not Reported		
Fildate:	29-JAN-57	Cmpldmonth:	1
Cmpldday:	3	Cmpldyear:	1957
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.467707		
Longdd:	-96.466126		
Calcgps:	-1	Site id:	NE5000000128315

**53**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**NE WELLS      NE5000000128542**

Oid :	0	Wellid:	13548
Regnum:	G-008937	Replacemen:	0
Status:	Active	Useid:	Irrigation
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	1
Subsection:	DB	Footage:	1640N 2540W
Areapermit:	Not Reported		
Acres:	80		
Gpm:	1350	Pcoldiam:	8
Pdepth:	0	Totaldepth:	86
Stwaterlev:	14	Pwaterlev:	20
Wedrilic:	0	Ownernumbe:	76600
Compname:	OConnor Trust		
Citystzip:	Ames, NE 68621		
Address1:	1686 County Road 13		
Address2:	Charles Oconnor		
Fildate:	12-SEP-57	Cmpldmonth:	4
Cmpldday:	20	Cmpldyear:	1956
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.470396		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.472993  
 Calcgps: -1  
 Site id: NE5000000128542

**J54  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000126048**

Oid :	0	Wellid:	166938
Regnum:	G-134438C	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	11.5	Pwaterlev:	11.5
Wedrilic:	89027	Ownernumbe:	61854
Compname:	T P I Petroleum Incorporated		
Citystzip:	Denver, CO 80239		
Address1:	5590 Havana Street		
Address2:	Victor Valadez		
Fildate:	28-JUN-05	Cmpldmonth:	4
Cmpldday:	4	Cmpldyear:	2005
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.4441666667		
Longdd:	-96.4838888889		
Calcgps:	0	Site id:	NE5000000126048

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

**NE WELLS      NE5000000126015**

Oid :	0	Wellid:	88985
Regnum:	G-080329	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2525N 125W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	16	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	2
Cmpldday:	16	Cmpldyear:	1989
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443842		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483398  
 Calcgps: -1  
 Site id: NE5000000126015

**J56**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**NE WELLS    NE5000000126021**

Oid :	0	Wellid:	166937
Regnum:	G-134438B	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	11.5	Pwaterlev:	11.5
Wedrilic:	89027	Ownernumbe:	61854
Compname:	T P I Petroleum Incorporated		
Citystzip:	Denver, CO 80239		
Address1:	5590 Havana Street		
Address2:	Victor Valadez		
Fildate:	28-JUN-05	Cmpldmonth:	4
Cmpldday:	4	Cmpldyear:	2005
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.4438888889		
Longdd:	-96.4838888889		
Calcgps:	0	Site id:	NE5000000126021

**J57**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**NE WELLS    NE5000000126002**

Oid :	0	Wellid:	88983
Regnum:	G-080327	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2450N 125W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	7	Pcoldiam:	4
Pdepth:	0	Totaldepth:	23
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	2
Cmpldday:	16	Cmpldyear:	1989
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443637		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483397  
 Calcgps: -1  
 Site id: NE5000000126002

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

**NE WELLS      NE5000000125991**

Oid :	0	Wellid:	88981
Regnum:	G-080325	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2425N 75W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	17	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	2
Cmpldday:	17	Cmpldyear:	1989
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443567		
Longdd:	-96.483215		
Calcgps:	-1	Site id:	NE5000000125991

**J59  
 SSW  
 1/2 - 1 Mile  
 Higher**

**NE WELLS      NE5000000126009**

Oid :	0	Wellid:	88984
Regnum:	G-080328	Replacemen:	0
Status:	Abandoned	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2475N 275W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	25
Stwaterlev:	18	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	10
Cmpldday:	11	Cmpldyear:	1988
Lastchgdat:	30-DEC-99	Xdate2:	5/2008
Latdd:	41.443709		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483944  
 Calcgps: -1  
 Site id: NE5000000126009

**J60  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS NE5000000126003**

Oid :	0	Wellid:	149930
Regnum:	G-121516B	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2455N 240W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14.5	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	54936
Compname:	TPI Incorporated		
Citystzip:	Denver, CO 80239		
Address1:	5590 Havana Street		
Address2:	Not Reported		
Fildate:	19-MAY-03	Cmpldmonth:	4
Cmpldday:	23	Cmpldyear:	2003
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443653		
Longdd:	-96.483817		
Calcgps:	-1	Site id:	NE5000000126003

**61  
NE  
1/2 - 1 Mile  
Lower**

**NE WELLS NE5000000128131**

Oid :	0	Wellid:	168955
Regnum:	G-134598B	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	9
Rangelet:	E	Section:	6
Subsection:	CC	Footage:	62N 525E
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	15
Stwaterlev:	5	Pwaterlev:	0
Wedrilic:	19203	Ownernumbe:	73677
Compname:	Meridian Development Services		
Citystzip:	Arlington, NE 68002		
Address1:	PO Box 610		
Address2:	Not Reported		
Fildate:	08-JUL-05	Cmpldmonth:	6
Cmpldday:	7	Cmpldyear:	2005
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.466066667		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.4618  
 Calcgps: 0  
 Site id: NE5000000128131

**J62  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS    NE5000000125992**

Oid :	0	Wellid:	88982
Regnum:	G-080326	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2425N 175W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	25
Stwaterlev:	0	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	10
Cmpldday:	12	Cmpldyear:	1988
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443569		
Longdd:	-96.483579		
Calcgps:	-1	Site id:	NE5000000125992

**J63  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS    NE5000000126004**

Oid :	0	Wellid:	149927
Regnum:	G-121516A	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2455N 275W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14.5	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	54936
Compname:	TPI Incorporated		
Citystzip:	Denver, CO 80239		
Address1:	5590 Havana Street		
Address2:	Not Reported		
Fildate:	19-MAY-03	Cmpldmonth:	4
Cmpldday:	23	Cmpldyear:	2003
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443654		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483944  
 Calcgps: -1  
 Site id: NE5000000126004

**J64  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000125999**

Oid :	0	Wellid:	149942
Regnum:	G-121516C	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2440N 255W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	14.5	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	54936
Compname:	TPI Incorporated		
Citystzip:	Denver, CO 80239		
Address1:	5590 Havana Street		
Address2:	Not Reported		
Fildate:	19-MAY-03	Cmpldmonth:	4
Cmpldday:	23	Cmpldyear:	2003
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443613		
Longdd:	-96.483871		
Calcgps:	-1	Site id:	NE5000000125999

**J65  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000125998**

Oid :	0	Wellid:	166936
Regnum:	G-134438A	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	Not Reported
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	18
Stwaterlev:	11.5	Pwaterlev:	11.5
Wedrilic:	89027	Ownernumbe:	61854
Compname:	T P I Petroleum Incorporated		
Citystzip:	Denver, CO 80239		
Address1:	5590 Havana Street		
Address2:	Victor Valadez		
Fildate:	28-JUN-05	Cmpldmonth:	4
Cmpldday:	4	Cmpldyear:	2005
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.4436111111		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.4838888889      Site id: NE5000000125988  
 Calcgps: 0

**J66  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000125988**

Oid :	0	Wellid:	88980
Regnum:	G-080324	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2400N 200W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	25
Stwaterlev:	18	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	10
Cmpldday:	11	Cmpldyear:	1988
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443501		
Longdd:	-96.48367		
Calcgps:	-1	Site id:	NE5000000125988

**J67  
SSW  
1/2 - 1 Mile  
Higher**

**NE WELLS      NE5000000125988**

Oid :	0	Wellid:	88979
Regnum:	G-080323	Replacemen:	0
Status:	Active	Useid:	Monitoring (Ground Water Quality)
Nrdname:	Lower Platte North	Nrddwrnum:	19
Countyname:	Dodge	Countynum:	27
Township:	17	Rangenum:	8
Rangelet:	E	Section:	14
Subsection:	DA	Footage:	2375N 150W
Areapermit:	Not Reported		
Acres:	0		
Gpm:	0	Pcoldiam:	0
Pdepth:	0	Totaldepth:	20
Stwaterlev:	18	Pwaterlev:	0
Wedrilic:	39325	Ownernumbe:	41364
Compname:	Total Petroleum Inc		
Citystzip:	Denver, CO 80201		
Address1:	Box 500		
Address2:	Not Reported		
Fildate:	09-FEB-94	Cmpldmonth:	2
Cmpldday:	15	Cmpldyear:	1989
Lastchgdat:	30-DEC-99	Xdate2:	0
Latdd:	41.443431		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longdd: -96.483488  
Calcgps: -1

Site id: NE5000000125986

# 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
507	7.2	338	67%	37.5

Federal EPA Radon Zone for DODGE County: 1

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

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Federal Area Radon Information for Zip Code: 68025

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	6.520 pCi/L	40%	60%	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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: National Wetlands Inventory

Source: Department of Natural Resources

Telephone: 402-471-2363

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<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

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

### **STREET AND ADDRESS INFORMATION**

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**Appendix F**

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**Environmental Professional Qualifications**



## Education

- ▶ Associate of Applied Science, Architectural Engineering; Southeast Community College-Milford, 2004

## Certifications and Specialized Training

- ▶ 40-Hour OSHA Safety Training, September 2004
- ▶ 8-Hour OSHA Refresher Course, January 2013
- ▶ State of Nebraska Water Well Monitoring Technician

## Olsson Professional Experience

- ▶ 2004 To Present

## Total Professional Experience

- ▶ 2004 To Present



## Ryan Doty

Senior Technician

### Experience Summary

As a member of Olsson Associates' environmental sciences team, Ryan has gained valuable knowledge through his work with environmental projects. Ryan's experience includes soil and ground water sampling related to risk-based corrective action (RBCA) investigations, landfill monitoring, and Phase II Environmental Site Assessments (ESAs). Ryan is familiar with sampling using bailers, Waterra inertia sampling methods, peristaltic pumps, and hydra-sleeve samplers.

Ryan also conducts routine operations and maintenance at several contaminant remediation sites. He is familiar with many different remedial systems, including soil vapor extraction, air sparging, and dual-phase vacuum extraction systems. In dealing with these different systems, Ryan has in-depth knowledge in operation and maintenance of vacuum pumps, blowers, compressors, air-water separators, oil-water separators, activated carbon treatment units, and associated switches and control devices. Ryan is also proficient in troubleshooting systems, including electrical and logic controller troubleshooting.

In addition to field services Ryan is experienced in AutoCAD and GIS applications providing groundwater contour maps, contaminant iso-concentration maps, remediation system construction plans, wetland mitigation design, wetland delineation mapping, and GIS based watershed scale maps displaying hydrogeological conditions.

### Hydrogeologic Studies and Assessments

Assisted in data collection, analysis, and mapping for water shed scale surface water and hydrogeology evaluations:

- Wyoming Water Development Commission, Thunder Basin, Wyoming
- Lower Platte North Natural Resource District, Nebraska
- Nemaha Natural Resource District, Nebraska
- Lewis and Clark Natural Resource District, Nebraska

### Contaminant Investigation/Remediation

Performed soil and groundwater sampling, routine remediation system monitoring and operations at the following sites:

- Whitehead Oil, Randolph Dual Phase Vacuum Extraction Remediation System – Lincoln, Nebraska
- Ag Valley Cooperative, Soil Vapor Extraction Remediation System – Genoa, Nebraska
- Brown and Caldwell, Nebraska Ordinance Plant Focused Extraction Pilot Test – Mead, Nebraska
- M.U.D. Platte West Well Field, Groundwater Sampling – Saunders County, Nebraska
- Sarpy County Brownfields, Phase II Environmental Site Assessment – Sarpy County, Nebraska
- 

### Landfills

Assisted with investigation and monitoring of soil, groundwater and soil gas contamination at active and former landfills:

- City of York, Landfill Groundwater, Landfill Gas, and Soil Gas Monitoring - York, Nebraska
- City of Clay Center, Groundwater Sampling - Clay Center, Kansas
- City of Lincoln, Former Landfill Delineation of Extent of Unpermitted Landfill, Soil Gas Sampling, and Ground Water Sampling - Lincoln, Nebraska



Ryan Doty

**OLSSON ASSOCIATES**

**Experience, Continued**

**Wetland Mitigation/Delineation**

- Agrium Advanced Technologies, Wetland Mitigation Design – Fairbury, Nebraska
- Waterford Estates, Templeton Wetland Mitigation Design – Lincoln, Nebraska
- Nebraska Department of Roads, Bellwood East and West Wetland Delineation – Herman, Nebraska

## Education

- ▶ Bachelor of Science, Environmental Studies with Biology Emphasis; University of Nebraska, 1997

## Certifications and Specialized Training

- ▶ Certified Hazardous Materials Manager, 2005 to present
- ▶ Certified Project Manager
- ▶ 40-hour HAZWOPER
- ▶ 8-hour Site Supervisor
- ▶ OSHA Confined Space

## Affiliations

- ▶ Midwest Plains Chapter Certified Hazardous Materials Managers, Treasurer
- ▶ Nebraska Industrial Council on the Environment
- ▶ Society of American Military Engineers

## Olsson Professional Experience

- ▶ 2012 To Present

## Total Professional Experience

- ▶ 1997 To Present



## Brian Osborn, CHMM

Environmental Group Leader

### Experience Summary

Brian has over 18 years in the environmental field, specializing in environmental restoration and compliance, National Environmental Policy Act (NEPA) assessments, hazardous waste investigations and remediation, natural resources planning, and environmental permitting. His experience includes managing and executing complex environmental projects for federal, state, and private clients.

### Groundwater and Surface Water Sampling/Evaluations

- \*Eaton Corporation, Field manager/Environmental scientist for multiple rounds of environmental investigation and remediation monitoring, collection/analysis of direct push groundwater samples on leading edge of existing chlorinated solvent plume, and real-time data collection using portable GC to evaluate sample locations to model/monitor plume migration - Kearney, Nebraska

### Environmental Compliance

- \*Dyess Air Force Base (AFB), Lead auditor for Natural and Cultural Resources Compliance associated with environmental, safety, and occupational health compliance audit - Abilene, Texas
- \*Dyess AFB, Secondary auditor for scientist for Hazardous Waste and Spill Prevention Programs associated with environmental, safety, and occupational health compliance audit - Abilene, Texas
- \*Kelloggs, Project professional for evaluating and updating spill prevention control and countermeasures at the Kelloggs Plant - Omaha, Nebraska
- \*PCS Phosphates, Quality control manager for Facility Storm Water Pollution Prevention Plan - Weeping Water, Nebraska
- \*Dyess AFB, Project scientist for Dyess AFB Storm Water Pollution Prevention Plan (SWPPP) - Abilene, Texas
- \*U.S. Army Corps of Engineers (USACE), Project scientist/auditor for Environmental Management System Implementation at Mainstem Missouri River Dams - North and South Dakota
- \*USACE, Auditor for implementation of Pollution Prevention Opportunities at Detroit Tank Arsenal and Selfridge Army Garrison - Detroit Arsenal, Michigan
- \*Kinder Morgan Energy Partners, Project scientist for SWPPP, Completing Best Management Practices (BMPs), and monitoring for pipeline - Western Iowa
- \*Kawasaki, Project scientist for RCRA and Health and Safety Evaluation associated with Environmental Compliance Audit - Lincoln, Nebraska

### Environmental Remediation

- \*Barksdale AFB, Task manager for Performance Based Remediation Cleanup at multiple restoration program sites - Shreveport, Louisiana
- \*USACE Fort Worth District, Task manager for Fort Polk Remedial Investigation of MMRP RI for three former range sites to determine munitions contamination - Fort Polk, Louisiana
- UPRR, Senior project scientist for corridor-wide wetland delineations, Section 404 permitting, migratory bird surveys, and permitting compliance for the Chicago to St. Louis High Speed Rail Program.
- UPRR, Senior project scientist for corridor-wide wetland delineations and Section 404 Permitting for multiple bridge replacements between Tucson and Nogales.

Brian Osborn

## OLSSON ASSOCIATES

### Experience, Continued

#### Military Munitions Response Program

- \*Barksdale AFB, Task manager for Performance Based Remediation of an RI/FS for ten former air to ground bombing range sites - Shreveport, Louisiana
- USACE Fort Worth District, Task manager for Remedial Investigation of Fort Polk MMRP RI for three former range sites to determine nature and extent of munitions contamination - Fort Polk, Louisiana

#### NEPA Assessments

- City of Bellevue, Project scientist for 36th Street widening Environmental Assessment (EA) - Bellevue, Nebraska
- Nebraska Army National Guard (NEARNG), Project manager for Integrated Natural Resources Management Plan EA for newly acquired Silver Creek Training Site - Silver Creek, Nebraska
- Nebraska Department of Roads (NDOR), Project scientist for Safe Routes to Schools (SRTS) pedestrian and bicycle trails Categorical Exclusion (CE) - Holdrege, Nebraska
- NDOR, Project scientist for 11th Avenue Complete Street Improvements CE - Holdrege, Nebraska
- NDOR, Project scientist for Missing Link Trail CE - South Sioux City, Nebraska
- NDOR, Project Scientist for 17th Street Complete Street Improvements CE - South Sioux City, Nebraska
- NDOR, Project scientist for Schuyler Street Improvements Programmatic Complete Street Improvements CE - Schuyler, Nebraska
- City of Omaha, Project scientist for 114th Street from Pacific Street to Burke Boulevard Complete Street Improvements CE - Omaha, Nebraska
- \*City of Fargo, Project manager for Federal Emergency Management Agency (FEMA) funded Southside Flood Control Environmental Impact Statement (EIS) - Fargo, North Dakota
- \*NDOR, Project scientist for EIS associated with Highway 35 Improvements - Norfolk to Dakota City, Nebraska
- \*City of Sioux Falls, Project scientist for EA associated with Solberg Avenue Improvements - Sioux Falls, South Dakota
- \*City of Sioux Falls, Project scientist for EA associated with I-29/I-229 Interchange Improvements - Sioux Falls, South Dakota
- \*City of Sioux Falls, Project scientist for EA associated with I-90/Timberline Avenue - Sioux Falls, South Dakota
- \*City of Sioux Falls, Project scientist for EA associated with I-90/I-229 Interchange - Sioux Falls, South Dakota
- \*NDOR, Project scientist for EA associated with construction of interchange and bypass from I-80 Around Kearney - Kearney, Nebraska
- \*City of Fremont, Project scientist for EA associated with West Fremont Bypass Construction - Fremont, Nebraska
- \*FEMA, Project scientist for Boulder County Vegetation Management EA to reduce risk of wildfire - Boulder County, Colorado
- \*FEMA, Project manager for State Forest State Park Vegetation Management EA to reduce risk of wildfire - State Forest State Park, Colorado
- \*FEMA, Project manager for Deer Creek Vegetation Management EA to reduce risk of wildfire - Park County, Colorado
- \*FEMA, Project manager for Livingston Flood Control Environmental Assessment EA to reduce risk of flooding - Livingston, Montana
- \*FEMA, Project manager for Woodland Park Flood Control Environmental Assessment EA to reduce flooding risk - Woodland Park, Colorado
- \*FEMA, Project manager for Sterling Safe Room EA to Construction Tornado Shelters - Sterling, Colorado
- \*FEMA, Project manager for Poudre River Flood Control EA to reduce flooding risk - Fort Collins, Colorado

Brian Osborn

## OLSSON ASSOCIATES

### Experience, Continued

- \*FEMA, Project scientist for Stone Mountain EA to reduce flooding risk - Missoula, Montana
- \*FEMA, Project scientist for Clear Creek Flood Mitigation EA to reduce flooding risk - Cheyenne, Wyoming
- \*FEMA, Project scientist for Crow Creek Flood Mitigation EA to reduce flooding risk - Cheyenne, Wyoming
- \*FEMA, Project scientist for Henderson Basin Flood Mitigation EA to reduce flooding risk - Cheyenne, Wyoming
- \*FEMA, Project scientist for Custer State Park Vegetation Management EA to reduce risk of wildfire - Custer State Park, South Dakota
- \*FEMA, Project scientist for Emergency Operations Center EA - Pierre, South Dakota
- \*FEMA, Project scientist for EA to upgrade Aberdeen stormwater conveyance system - Aberdeen, South Dakota
- \*FEMA, Project scientist for Oak Grove School EA to construct floodwall - Fargo, North Dakota
- \*FEMA, Project manager for Cass County Diversion and Interceptor Ditch South EA - Fargo, North Dakota
- U.S. Air Force, Project manager for Capital Improvement Plan EA to implement projects - Dyess Air Force Base, Texas
- \*NEARNG, Project manager for Mead Training Site EA - Mead, Nebraska
- \*NEARNG, Project scientist for EA associated with facilities expansion, including joint headquarters building at Lincoln Airport - Lincoln, Nebraska
- \*NEARNG, Project manager for Nebraska Aviation Low-Level Helicopter Training Area - Western Nebraska
- \*City of Omaha, Project manager for 144th Street Improvements EA - Omaha, Nebraska
- U.S. Air Force, Project manager for Zebra Mussel Eradication EA - Offutt Air Force Base, Nebraska

### Emergency Preparedness and Response

- U.S. Postal Service, Task manager for Integrated Emergency Management Planning - North and South Dakota
- \*TransCanada, Assistant environmental unit leader for Spill and Lead Response to TransCanada Pipeline Project - Nebraska, South Dakota, and North Dakota
- \*FEMA, Project manager for EA of on-site temporary housing associated with Hurricane Katrina and Hurricane Rite - Baton Rouge, Louisiana
- \*FEMA, Project manager for Hurricane Floyd Disaster and West Virginia Flooding EA to reduce flooding risk - West Virginia and North Carolina

### Natural and Cultural Resources

- \*Offutt AFB, Task manager for Zebra Mussel Eradication using copper sulfate at Base Lake - Omaha, Nebraska
- \*Offutt AFB, Project manager for Wetlands Delineation Identification - Omaha, Nebraska
- \*Offutt AFB, Project manager for Integrated Natural Resources Plan, including species survey, review of biological surveys, and identification of goals and objectives - Omaha, Nebraska
- \*FEMA, Task manager for Biological Assessments of Threatened and Endangered Species - California
- \*U.S. Air Force, Task manager for Integrated Natural Resources Management Plan and Integrated Cultural Resources Management Plan - Dyess Air Force Base, Texas
- \*NEARNG, Project manager for Cultural Resources Inventory of potentially historic buildings - Nebraska

*\*Indicates project performed under previous experience.*