DETERMINATION OF LEVEL OF REVIEW
ENVIRONMENTAL REVIEW RECORD

Project Name: City of Bagley Water Improvements

CDBG Contract Number: 19-OT-003

Project Location: City of Bagley

Project Description (Attach additional descriptive information, as appropriate to the project, including narrative, maps, photographs, site plans, budgets and other information.): The purpose of the project is to connect the City of Bagley to Xenia Rural Water. This connection will address and correct the City's Manganese Public Health Notice. The connection will be completed through the construction of a 6" water main running from the City of Bagley to 4.5 miles east to the current Xenia Rural Water Line located at the intersection of Highway 141 and Herndon Road. A booster station will also be constructed to ensure proper pressure throughout the City. A complete description of the project and its exact location can be found in the Preliminary Engineering Report.

The subject project has been reviewed pursuant to HUD regulations 24 CFR Part 58 "Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities," and the following determination with respect to the project is made:

☐ **Exempt** from NEPA review requirements per 24 CFR 58.34(a)( )

☐ **Categorically Excluded NOT Subject** to §58.5 authorities per 24 CFR 58.35(b)( )

☐ **Categorically Subject** to §58.5 authorities per 24 CFR 58.35(a)( )
(A Statutory Checklist for the §58.5 authorities is attached.)

☒ An **Environmental Assessment** (EA) is required to be performed in accordance with subpart E of 24 CFR Part 58 is attached.

☐ An **Environmental Impact Statement** (EIS) is required to be performed.

The ERR (see §58.38) must contain all the environmental review documents, public notices and written determinations or environmental findings required by Part 58 as evidence of review, decision making and actions pertaining to a particular project. Include additional information including checklists, studies, analyses and documentation as appropriate.

Chief Elected Official:

John Mathews	John R Mathews
Print Name	Signature
Mayor	5-11-2020
Title	Date

Updated 3/8/2012

All projects will need to submit this form with their ERR to IEDA prior to a release of funds being is issued.

U.S. Department of Housing and Urban Development
Great Plains Office – Region VII
400 State Avenue
Kansas City, Kansas 66101-2406

Environmental Assessment
for HUD-funded Projects

[HUD recommended format per 24 CFR 58.40]

Project Name: **City of Bagley Water System Improvements**

Responsible Entity: **City of Bagley**
[24 CFR 58.2(a)(7)]

Certifying Officer Name & Title: **John Mathews, Mayor**
[24 CFR 58.2(a)(2)]

Environmental Review Record (ERR) File # **19-OT-003**

Environmental Assessment

Project Location: City of Bagley

Estimated Total Project Cost (all sources): $1,041,625

Amount of HUD Assistance: $500,000 **HUD Grant Program:** CDBG

Grant Recipient (if different from Responsible Entity):
[24 CFR 58.2(a)(5)]

Recipient Address & Phone: 207 Main Street, PO Box 58, Bagley, IA 50026 641-427-5600

RE Project Contact Name & Phone: Patricia Augustus, City Clerk (641) 427-5600

Conditions for Approval: (List all mitigation and project modification measures adopted by the responsible entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts and other relevant documents as requirements.) [24 CFR 58.40(d), 40 CFR 1505.2(c)]

FINDING: [58.40(g)]

☒ **Finding of No Significant Impact (FONSI)**
(The project will not result in a significant impact on the quality of the human environment.)

☐ **Finding of Significant Impact**
(The project may significantly affect the quality of the human environment.)

PREPARER SIGNATURE: Lauren Subler DATE: 5-11-2020

PREPARER NAME & TITLE: Lauren Subler, Economic Development Planner

PREPARER'S AGENCY (If Different from RE): Region XII Council of Governments

RE APPROVING OFFICIAL SIGNATURE: x John R Mathews DATE: 5-11-2020

RE APPROVING OFFICIAL NAME & TITLE: John Mathews, Mayor

Purpose of the Project: ["Statement of Purpose and Need for the Proposal" - 40 CFR 1508.9(b)]
The purpose of this project is to correct the Tier 1 Do Not Drink Public Notice for Manganese by the IDNR. This would be completed by connecting the City of Bagley into the Xenia Rural Water's distribution system through the construction of a 6" transmission main and booster station.

Description of the Project: Include all contemplated actions that are logically either geographically or functionally a composite part of the project, regardless of the source of funding. [24 CFR 58.32, 40 CFR 1508.25] As appropriate, attach maps, site plans, renderings, photographs, budgets and other descriptive information.

The project would connect to Xenia Rural Water by installing a 6" transmission main and booster station. The connection would service as the primary water source to the City. The new 6" water main would connect to an existing 4" water main approximately 4.5 miles to the east run along Iowa Highway 141 to the City. The booster

station would be installed at the east edge of the City limits and contain chemical feed for additional chlorination. This project will also complete water tower maintenance.

Existing Conditions and Trends: Describe the existing conditions of the project area and its surroundings, and the trends likely to continue in the absence of the project. [24 CFR 58.40(a)]
The City of Bagley was issued a Tier 1 Do Not Drink Public Notice for Manganese by the Iowa Department of Natural Resources. Sampling collected by IDNR yielded 1.4 mg/L of manganese from the finished drinking water leaving the Bagley Water Treatment Plant. The US EPA recommends that infants up to 6 months of age should not be given water with manganese concentrations greater than 0.3 mg/L for more than a total of 10 days per year. The US EPA recommends the general population should not ingest water with manganese concentrations greater than 1mg/L for more than 10 days per year. This project will connect Bagley to Xenia Rural Water, correcting the City's manganese problems.

Part I: Statutory Checklist [24CFR §58.5]

DIRECTIONS – For each authority, check one of the appropriate boxes under "Status."

"**A box**" The project is in compliance, either because: (1) the nature of the project does not implicate the authority under consideration, or (2) supporting information documents that project compliance has been achieved. In either case, information must be provided as to **WHY the authority is not implicated, or HOW compliance is met**; *OR*

"**B box**" The project requires an additional compliance step or action, including but not limited to consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit.

IMPORTANT: Compliance documentation consists of verifiable source documents and/or relevant base data. Appropriate documentation must be provided for each law or authority. Documents may be incorporated by reference into the ERR provided that each source document is identified and available for inspection by interested parties. Proprietary material and studies that are not otherwise generally available for public review shall be included in the ERR. Refer to HUD guidance for more information.

Statute, Authority, Executive Order Regulation or Policy cited at 24 CFR §58.5	STATUS A	STATUS B	Compliance Documentation
1. Air Quality [Clean Air Act sections 176(c) & (d), and 40 CFR 6, 51, 93]	☒	☐	Project is not located in an EPA-designated non-attainment area or maintenance area for one or more of six "criteria pollutants" called National Ambient Air Quality Standards (NAAQS). Map documentation is included in Appendix A and can be found at https://www3.epa.gov/airquality/greenbook/map/mapnmpoll.pdf.
2. Airport Hazards (Clear Zones and Accident Potential Zones) [24 CFR 51D]	☒	☐	Project is not located within 2,500 feet of the end of a civil airport runway or 15,000 feet of the end of a military airfield runway. HUD policy is to promote compatible land uses in RCZ/CZ/APZ. Map from FAA NPIAS Report is located in Appendix B.
3. Coastal Zone Management [Coastal Zone Management Act sections 307(c) & (d)]	☒	☐	No coastal zone management programs are in the states of HUD Region VII, per Nat'l Oceanic & Atmospheric Administration, Office of Ocean and Coastal Resource Management. (http://coastalmanagement.noaa.gov/mystate/welcome.html)
4. Contamination and Toxic Substances [24 CFR 58.5(i)(2)]	☒	☐	Project location will not be affected by contaminated or toxic substances. A field inspection, land use search, and review of environmental compliance were conducted. All sites in proximity were in compliance. Three facilities showed up on the EPAs website, but none of the facilities had any violations identified. No leaking sites were discovered in the vicinity of the project location and no tanks were registered on the site. There is one site on the Iowa Contaminated Sites database, but it is closed. Supporting documentation can be found in Appendix C.
5. Endangered Species [50 CFR 402]	☒	☐	Project will not affect any Federally listed endangered or threatened species or its habitat because the project location does not have habitat suitable for the listed species. A consultation with USFWS was completed and the consultation results can be found in Appendix D.
6. Environmental Justice [Executive Order 12898]	☒	☐	Project site or neighborhood does not suffer from adverse health or environmental effects, which disproportionately impact a minority or low-income population relative to the community at large. Project will assist low to moderate income persons for a better quality of life. See census statistics in Appendix E.
7. Explosive and Flammable Operations [24 CFR 51C]	☒	☐	Since this project is a water line project within the City of Bagley, and rural Bagley, it is exempt from review under this criteria.

8. Farmland Protection [7 CFR 658]	☒	☐	The project will be completed in the right of way or along land that is not used for farmland. No land will be converted. The map and description can be found in appendix F and at websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx
9. Floodplain Management [24 CFR 55, Executive Order 11988]	☒	☐	The project is located within a 100-year floodplain. The 8-step process as outlined in 24 CFR Part 55.20 was followed and information pertaining to the process and the appropriate publications can be found in appendix G.
10. Historic Preservation [36 CFR 800]	☒	☐	This project is jointly funded with other federal funds. As such, SRF consulted with the State historic preservation office on January 14, 2020 with a finding of no comment. Appendix H.
11. Noise Control [24 CFR 51B]	☒	☐	This project is exempt from noise considerations as it falls under the water and sewer purview. Information Sheet C, Page 43 of Appendix 3 of Iowa CDBG Management Guide is located in Appendix I.
12. Water Quality (Sole Source Aquifers) [40 CFR 149]	☒	☐	Project is not located within are of an EPA-designated sole source aquifer. Map can be found in Appendix J.
13. Wetland Protection [24 CFR 55, Executive Order 11990]	☒	☐	The U.S. Army Corps of Engineers concurs that the project will not have an impact on wetlands provided that the terms of Nationwide Permit #12 are abided by. Wetlands map and SRF documentation can be found in Appendix K. The wetlands map can also be found at https://www.fws.gov/wetlands/data/mapper.html.
14. Wild and Scenic Rivers [36 CFR 297]	☐	☐	Project is not located within one mile of a designated Wild & Scenic River, or river being studied as a potential component of the Wild & Scenic River System. Iowa does not have any designated rivers, but does have 1 study river and 7 potential rivers listed in the NRI (Sections of the Boone River, Cedar River, Maquoketa, Middle Raccoon River, Turkey River, Upper Iowa River, Wapsipinicon, Yellow River). https://www.nps.gov/ncrc/programs/rtca/nri/states/ia.html This information can be found in Appendix L.

Part II: Environmental Assessment Checklist

[Environmental Review Guide HUD CPD-782, 24 CFR 58.40; 40 CFR 1508.8 &1508.27]

For each impact category, evaluate the significance of the effects of the proposal on the character, features and resources of the project area. Enter relevant base data and credible, verifiable source documentation to support the finding. Note names, dates of contact, telephone numbers and page references. Then enter the appropriate determination of impact: None Anticipated, Potentially Adverse or Potentially Beneficial. Attach additional material as appropriate. Note conditions or mitigation measures required.

Impact Categories	**Anticipated or Potential Impact** • Adverse • Beneficial • No Impact	**Source Documentation and Mitigation or Modification Required**
Land Development		
Conformance with Comprehensive and Neighborhood Plans	No Impact	The proposed project will not have an impact on future plans for the city. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
Land Use Compatibility and Conformance with Zoning	No Impact	The existing project will not change the use of any land uses as the project will be on the same land as previous infrastructure. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
Urban Design - Visual Quality and Scale	No Impact	The new water lines will run underground, thus having no impact on the visual quality of the City. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
Slope	No Impact	The proposed project will not have any impact on the ground slope. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)

Erosion	No Impact	The proposed project will have no impact on erosion. (JEO Preliminary Engineering Report, Page 71, September 2018.)
Soil Suitability	No Impact	The project will have no impact on soil suitability. ***No mitigation is necessary.*** (USDA Soil Survey in Appendix)
Hazards and Nuisances, including Site Safety	Beneficial	The proposed project will reduce the amount of manganese currently in the city's water supply. This project, through connections to Xenia Rural Water, will bring all monitored contaminant levels within the normal range. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 62-63, September 2018.)
Noise - Effects of Ambient Noise on Project & Contribution to Community Noise Levels	No Impact	The project will not have any impact on community noise upon completion. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
Air Quality - Effects of Ambient Air Quality on Project & Contribution to Community Pollution Levels	No Impact	The project will not have an impact on the air quality or community pollution levels. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 70, September 2018.)
Energy Conservation	Beneficial	The new water lines and booster station will provide adequate pressures to the community on a regular basis, replacing the system which was overworked during peak demand or during high water demand events. The connection will also limit the amount of catch-up the system has to do after power outages. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 47, September 2018.)

Socioeconomic Factors

Demographic Character Changes	No Impact	The project will have no impact on community demographics with no changes directly related to the project. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
Displacement	No Impact	No residents or businesses will be displaced by this project. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
Employment and Income Patterns	No Impact	The project will have no impact on employment or income patterns in the City of Bagley. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)

Community Facilities and Services

Educational Facilities	No Impact	There are no educational facilities in Bagley, therefore the project will have no impact on the educational facilities in Bagley. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
Commercial Facilities	No Impact	The project will have no impact on the commercial facilities in Bagley. ***No mitigation is necessary***. (JEO Preliminary Engineering Report, Page 74, September 2018.)
Health Care	No Impact	There are no health care facilities in Bagley, therefore the project will have no impact on the health care facilities. ***No mitigation is necessary***. (JEO Preliminary Engineering Report, Page 74, September 2018.)
Social Services	No Impact	The project will have no impact on the social service facilities in Bagley. ***No mitigation is necessary***. (JEO Preliminary Engineering Report, Page 74, September 2018.)
Solid Waste	No Impact	The project will have no impact on the solid waste service in Bagley. ***No mitigation is necessary***. (JEO Preliminary Engineering Report, Page 74, September 2018.)
Waste Water	No Impact	The project will have no impact on the waste water facilities in Bagley. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
Storm Water	No Impact	The project will have no impact on the storm water facilities in Bagley. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 73 September 2018.)

Water Supply	Beneficial	This project will connect the City to a reliable water supply that has acceptable levels of manganese. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 62-63, September 2018.)
Public Safety • Police	No Impact	The project will have no impact on community policing. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
• Fire	No Impact	The project will have no impact on fire protection within the community. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
• Emergency Medical	No Impact	The project will have no impact on the emergency medical services. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)
Open Space and Recreation • Open Space	No Impact	The project will have no impact on open space within the community. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
• Recreation	No Impact	The project will have no impact on recreation within the community. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
• Cultural Facilities	No Impact	The project will have no impact on cultural facilities within the community. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 71, September 2018.)
Transportation	No Impact	This project will have no impact on transportation facilities within the community. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 74, September 2018.)

Natural Features

Water Resources	No Impact	The project will have no impact on the water resources within the City. ***No mitigation is necessary***. (JEO Preliminary Engineering Report, Page 73, September 2018.)
Surface Water	No Impact	The project will have no impact on the surface water flow. ***No mitigation is necessary.*** (JEO Preliminary Engineering Report, Page 73, September 2018.)
Unique Natural Features and Agricultural Lands	No Impact	The project will have no impact on unique natural features or agricultural land. ***No mitigation is necessary.*** (Prime Farmland Map from US Soil Survey found in Appendix)
Vegetation and Wildlife	No Impact	The project will have no impact on the vegetation and wildlife. ***No mitigation is necessary.*** (FWS Wetlands Map Aerial in Appendix)

Part III: Other Requirements [24 CFR §58.6]

Complete the following table or attach a separate §58.6 Checklist.

§58.6 Requirements	Compliance Status (Y/N)	Source Documentation
Flood Disaster Protection Act [Flood Insurance] [§58.6(a)]	YES	The project is located within a 100-year floodplain. The 8-step process as outlined in 24 CFR Part 55.20 was followed and information pertaining to the process can be found in Appendix F.
Coastal Barrier Resources Act/Coastal Barrier Improvement Act [§58.6(c)]	YES	No Costal Barrier Resource Areas in MO/KS/NE/IA. http://coastalmanagement.noaa.gov/mystate/welcome.html
Airport Runway Clear Zone Disclosure & Notification [§58.6(d)]	YES	This project is not located within 2,500 feet of a civil airport runway or 15,000 feet from a military runway. Map from FAA NPIAS Report is located in Appendix A.

Summary of Findings and Conclusions

Project Alternatives Considered [24 CFR 58.40(e), Ref. 40 CFR 1508.9] (As appropriate, identify other reasonable courses of action that were considered and not selected, such as other sites, design modifications, or other uses of the subject site. Describe the benefits and adverse impacts to the human environment of each alternative and the reasons for rejecting it. Include consideration of the No Action Alternative, that is, not implementing the preferred alternative).

The No Action Alternative was not an option due to the current nature of undrinkable water in Bagley. The chosen alternative of connection to Xenia Rural Water was chosen due to the immediate improvement of the city's water source. The manganese health advisory notice in 2019 expedited the need for a water quality solution for the City and this alternative is believed to provide the shortest project timeline as well as the most cost-effective.

The evaluated alternatives are located in the preliminary engineering report. Alternatives considered included upgrades to the existing water treatment plant, new pressure filtration at the water treatment plant, new aeration and gravity filtration at the water treatment plant, or connection to an alternative water source, i.e. Xenia Rural Water. The connection to Xenia Rural Water is believed to provide the shortest project timeline as well as being the most cost-effective alternative which will address the City's Manganese Public Health Notice the fastest.

Mitigation and Project Modification Measures Recommended

[24 CFR 58.40(d), 40 CFR 1508.20]

(Recommend feasible ways in which the proposal or its external factors should be modified in order to minimize adverse environmental impacts and restore or enhance environmental quality.)

There were no adverse environmental impacts identified for the project site.

Additional Studies Performed

(List the reports, studies or analyses performed for this assessment, and attach studies or summaries.)

A preliminary engineering report was completed: 2018 Water System Preliminary Engineering Report for the City of Bagley, Iowa.

Iowa SRF State Revolving Fund Environmental Assessment Document & Iowa State Revolving Fund Finding of No Significant Impact.

List of Agencies and Persons Consulted [40 CFR 1508.9(b)]

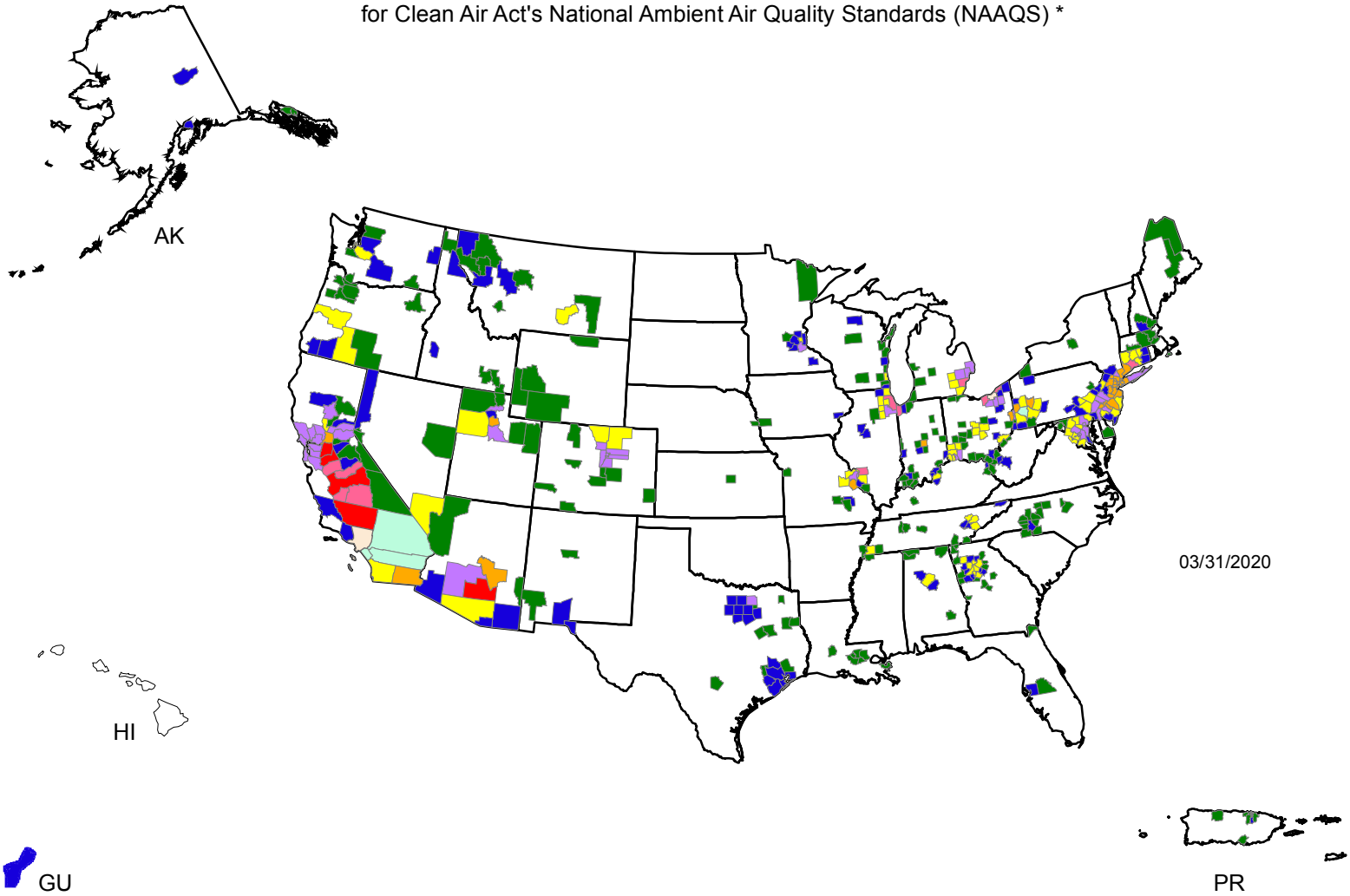
(List agencies and persons consulted for this assessment.)

Iowa SRF
Iowa DNR
City of Bagley
JEO Consulting

Appendix A
EPA-Designated non-attainment areas

Counties Designated "Nonattainment" or "Maintenance"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



Legend **

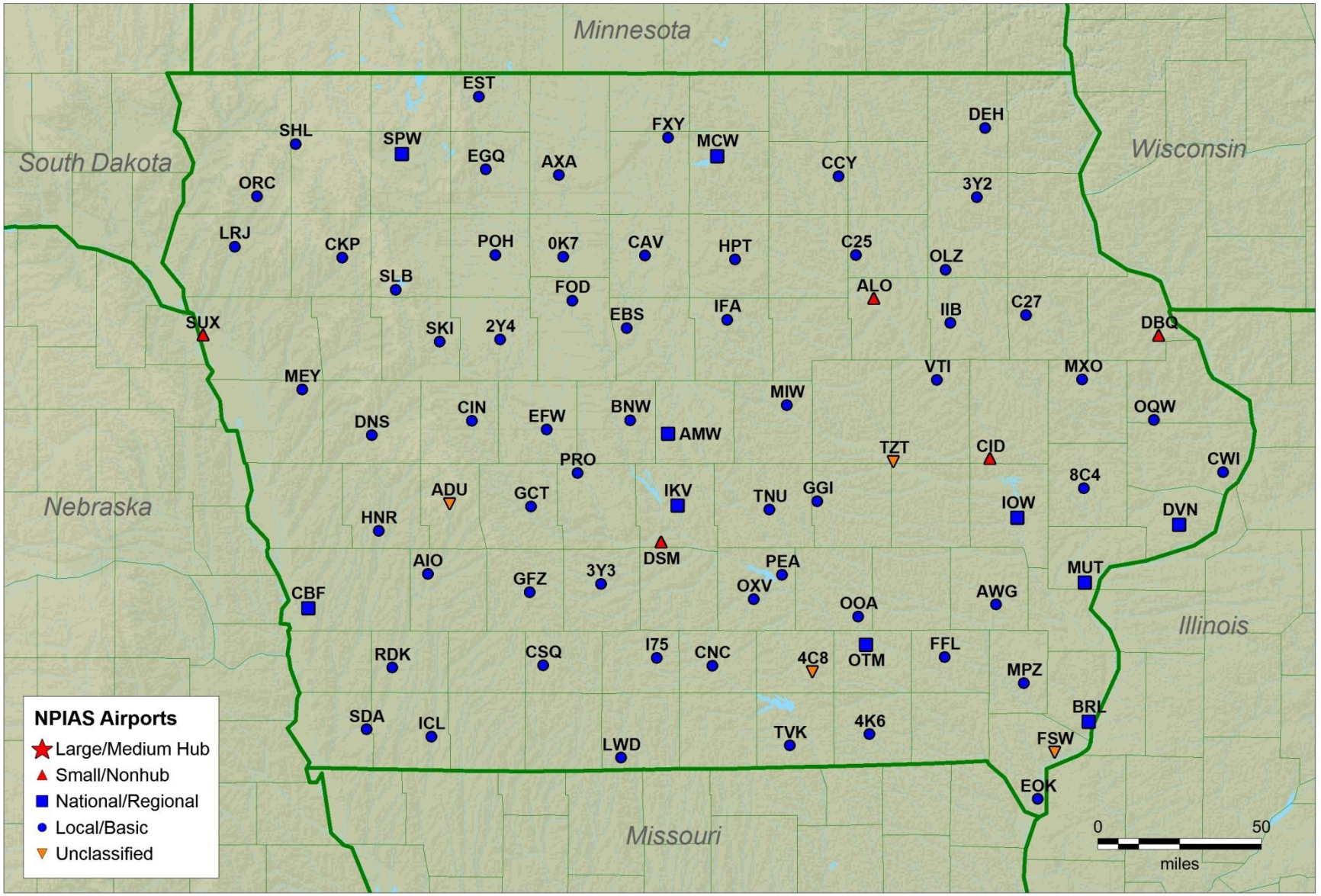
- County Designated Nonattainment or Maintenance for 9 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 8 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 7 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 6 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 5 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 4 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 3 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 2 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 1 NAAQS Pollutants

* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

** Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

Appendix B
FAA NPIAS Report

Iowa


Minnesota
South Dakota
Wisconsin
Nebraska
Illinois
Missouri
EST
SHL
SPW
FXY
MCW
DEH
EGQ
AXA
CCY
ORC
3Y2
LRJ
CKP
POH
0K7
CAV
HPT
C25
OLZ
SLB
FOD
ALO
SUX
SKI
2Y4
EBS
IFA
IIB
C27
DBQ
MEY
VTI
MXO
MIW
CIN
EFW
BNW
OQW
DNS
AMW
TZT
CID
PRO
CWI
8C4
ADU
GCT
IKV
TNU
GGI
IOW
DVN
HNR
DSM
AIO
PEA
MUT
GFZ
3Y3
OXV
CBF
AWG
OOA
RDK
CSQ
I75
CNC
4C8
OTM
FFL
MPZ
SDA
ICL
4K6
BRL
TVK
FSW
LWD
EOK
NPIAS Airports
Large/Medium Hub
Small/Nonhub
National/Regional
Local/Basic
Unclassified
0
50
miles

Appendix C
Contamination and Toxic Substances Documentation

4/17/2020 3:37:48 PM user: Login

Advanced **search** UST Registration Number **for** **Go**

Advanced Search

UST LUST AST UST 3rd Party Inspections UST Certifications

Leak Number:	
Leak Risk Classification:	High Risk
Site Name:	
Site Address:	
Site City:	BAGLEY
County:	--County--
Site Status:	--Status Type--

Search

Export Results

No Lust Records Found

DISCLAIMER: The information on this website represents data provided to the DNR from outside entities. Although believed to be generally reliable, its accuracy cannot be guaranteed. No warranty, expressed or implied, is provided for the data herein, or its use. The Tanks database does not display nor contain all the records submitted for a site. Additional information may be obtained from the DNR Records Center at 515-725-8480 or DNR.Records@dnr.iowa.gov.

The Above Ground Storage Tank (AST) information on this website is no longer maintained. The DNR does not regulate ASTs. For additional information on ASTs, please contact the State Fire Marshal office at (515)-725-6145.

© Iowa Department of Natural Resources

CONTAMINATED SITES

Site Search

Sites may be searched by entering text in one text boxes at the base of the columns (name, address, city or program). Other search criteria may also be entered the general text box including county, zip code, project manager, alternative name, or ownership type.

The system will start sorting as a search is initiated in the general text search box; pressing an enter or return key isn't necessary. The best results are obtained by using the column text boxes in combination with the general text box to narrow the search list.

Copy CSV Print

Show 10 entries

Search:

ID	Name	Address	City	Program
2328	Bagley Public Library	221 First Street	Bagley	CERCLA Preremedial
	Search	Search	Bagley	-- (All) --

Showing 1 to 1 of 1 entries (filtered from 2,328 total entries)

Previous 1 Next

Contaminated Sites

Bagley Public Library
CERCLA Preremedial - Closed
221 First Street , Bagley , IA 50026
Project Manager: Matt Culp

Detail
Documents
Location
Background
Summary
Site Search

Detail

ID	2328
Name	Bagley Public Library
Alternate Name(s)	---
Origin Type	IDNR Field Office
Site Type	Unknown
Institutional Control(s)	---
Ownership	Not Specified
Project Manager	Matt Culp

Facility Search Results

Missouri, Nebraska, North Carolina, Pennsylvania, Vermont, Washington, West Virginia, and Wisconsin are working with EPA to fix problems with their Clean Water Act violation data. Read More...

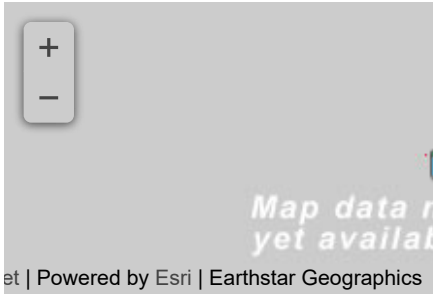
Hide Map Hide Table Hide Summary Report Violation Help

Map Legend Basemap Options Zoom To: bagley iowa

Sync Map and Table

Facility Summary

QUICK OIL CO (HERNDON)-BAGLEY
1127 HERNDON RD



CAA	No Violation Identified
CWA	
RCRA	
SDWA	

Days Since Last Inspection: --
Date of Last Formal Enforcement Action: --
Last Penalty Amount: $--

More Facility Details

Customize Columns | Download Data | Quick CSV Download | Results Guide | Reports Legend

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Inspections (5 years)	Significant Violations	Quarters with Noncompliance (3 years)
CONTINENTAL GRAIN CO		HERNDON ELEVATOR-MAIN ST	BAGLEY	IA	110007511157		0	No	0
NORTHERN NATURAL GAS - BAGLEY TBS		2598 115TH ST	BAGLEY	IA	110070594429		0	No	0
QUICK OIL CO (HERNDON)-BAGLEY		1127 HERNDON RD	BAGLEY	IA	110043299132		0	No	0

Current Search

3 Facilities Found

Selected Criteria

Search Type: All Data
Active/Operating: Yes ✖
City, State, and/or ZIP Code: bagley iowa ✖

Explore Enforcement and Compliance Criteria

- ☐ **0** Facilities with Current Violations
- ☐ **0** Facilities with Significant Violations
- ☐ **0** Facilities with Violations (3 years)
- ☐ **0** Facilities with Formal Enforcement Actions (5 years)
- ☐ **0** Facilities with Informal Enforcement Actions (5 years)

View Search Form for More Criteria...

Filter Facilities

Not Filtering on 3 Facilities

☐ Only Show Matches

Facility Characteristics

Facility Type

☐ **0** Major ☐ **3** Minor

Facility Permit/ID

- ☐ **0** Has Water Permit (ICIS-NPDES)
- ☐ **2** Has ICIS-Air ID
- ☐ **2** Has RCRA ID
- ☐ **0** Has TRI Releases

ECHO
Enforcement and Compliance History Online

Detailed Facility Report

Facility Summary

QUICK OIL CO (HERNDON)-BAGLEY
1127 HERNDON RD, BAGLEY, IA 50026

FRS (Facility Registry Service) ID: 110043299132
EPA Region: 07
Latitude: 41.844352
Longitude: -94.34916
Locational Data Source: FRS
Industry:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	--	--	**No Violation Identified**	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): Operating Synthetic Minor (IA0000001907700017)
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110043299132					N	41.844352	-94.34916
ICIS-Air	CAA	IA0000001907700017	Synthetic Minor Emissions	Operating	CAAMACT, CAASIP		N	41.84594	-94.34916

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110043299132	QUICK OIL CO (HERNDON)-BAGLEY	1127 HERNDON RD, BAGLEY, IA 50026
ICIS-Air	CAA	IA0000001907700017	QUICK OIL CO (HERNDON)-BAGLEY	1127 HERNDON RD, BAGLEY (HISTORICAL), IA 50026

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	IA0000001907700017	5171	Petroleum Bulk Stations & Terminals

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	IA0000001907700017	424710	Petroleum Bulk Stations and Terminals

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	IA0000001907700017	No	04/11/2020	0	04/10/2020

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: IA0000001907700017)		04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20
	Facility-Level Status	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**
	HPV History												
	Violation Type / **Agency** / **Programs** / **Pollutants**												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Water Body Designated Uses

Reach Code	Water Body Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Ozone	

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Lead	
No	Particulate Matter	
No	Carbon Monoxide	
No	Nitrogen Dioxide	
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJSCREEN home page.

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	23
Ozone NATA Diesel PM	22.7
NATA Air Toxics Cancer Risk	32.3
NATA Respiratory Hazard Index (HI)	33.5
Traffic Proximity	53.2
Lead Paint Indicator	9.8
Superfund Proximity	41.7
Risk Management Plan (RMP) Proximity	23.9

Number of EJ Indexes Above 80th Percentile
0

View EJSCREEN Report

Census Block Group EJ Indexes (percentile)	
Hazardous Waste Proximity	48.4
Wastewater Discharge Proximity	4.7

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary.

General Statistics	
Total Persons	375
Population Density	13/sq.mi.
Percent Minority	5%
Households in Area	167
Housing Units in Area	191
Households on Public Assistance	5
Persons Below Poverty Level	76

Geography	
Radius of Selected Area	3 mi.
Center Latitude	41.844352
Center Longitude	-94.34916
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
Less than $15,000	19 (11.38%)
$15,000 - $25,000	14 (8.38%)
$25,000 - $50,000	38 (22.75%)
$50,000 - $75,000	32 (19.16%)
Greater than $75,000	64 (38.32%)

Age Breakdown - Persons (%)	
Children 5 years and younger	26 (7%)
Minors 17 years and younger	80 (21%)
Adults 18 years and older	295 (79%)
Seniors 65 years and older	79 (21%)

Race Breakdown - Persons (%)	
White	363 (97%)
African-American	0 (0%)
Hispanic-Origin	14 (4%)
Asian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	12 (3%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	2 (.69%)
9th through 12th Grade	18 (6.23%)
High School Diploma	83 (28.72%)
Some College/2-year	113 (39.1%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	73 (25.26%)

ECHO
Enforcement and Compliance History Online

Detailed Facility Report

Facility Summary

NORTHERN NATURAL GAS - BAGLEY TBS
2598 115TH ST, BAGLEY, IA 50026

FRS (Facility Registry Service) ID: 110070594429
EPA Region: 07
Latitude: 41.84198
Longitude: -94.43513
Locational Data Source: FRS
Industry:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	**No Violation Identified**	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Active (IAR000525311)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110070594429					N	41.84198	-94.43513
RCRAInfo	RCRA	IAR000525311	VSQG	Active (H)			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110070594429	NORTHERN NATURAL GAS - BAGLEY TBS	2598 115TH ST, BAGLEY, IA 50026
RCRAInfo	RCRA	IAR000525311	NORTHERN NATURAL GAS - BAGLEY TBS	2598 115TH ST, BAGLEY, IA 50026

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	IAR000525311	486210	Pipeline Transportation of Natural Gas

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	IAR000525311	No	04/11/2020	0	04/10/2020

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: IAR000525311)		04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20
	Facility-Level Status	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Water Body Designated Uses

Reach Code	Water Body Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Ozone	
No	Lead	
No	Particulate Matter	
No	Carbon Monoxide	
No	Nitrogen Dioxide	

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJSCREEN home page.

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	23
Ozone NATA Diesel PM	22.7
NATA Air Toxics Cancer Risk	32.3
NATA Respiratory Hazard Index (HI)	33.5
Traffic Proximity	53.2
Lead Paint Indicator	9.8
Superfund Proximity	41.7
Risk Management Plan (RMP) Proximity	23.9
Hazardous Waste Proximity	48.4
Wastewater Discharge Proximity	4.7

Number of EJ Indexes Above 80th Percentile
0

View EJSCREEN Report

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary.

General Statistics	
Total Persons	480
Population Density	17/sq.mi.
Percent Minority	6%
Households in Area	195
Housing Units in Area	223
Households on Public Assistance	6
Persons Below Poverty Level	102

Geography	
Radius of Selected Area	3 mi.
Center Latitude	41.84198
Center Longitude	-94.43513
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
Less than $15,000	25 (11.79%)
$15,000 - $25,000	17 (8.02%)
$25,000 - $50,000	50 (23.58%)
$50,000 - $75,000	39 (18.4%)
Greater than $75,000	81 (38.21%)

Age Breakdown - Persons (%)	
Children 5 years and younger	43 (9%)
Minors 17 years and younger	123 (26%)
Adults 18 years and older	358 (75%)
Seniors 65 years and older	72 (15%)

Race Breakdown - Persons (%)	
White	460 (96%)
African-American	0 (0%)
Hispanic-Origin	23 (5%)
Asian/Pacific Islander	1 (0%)
American Indian	5 (1%)
Other/Multiracial	15 (3%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	3 (.81%)
9th through 12th Grade	22 (5.96%)
High School Diploma	107 (29%)
Some College/2-year	144 (39.02%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	93 (25.2%)

ECHO Enforcement and Compliance History Online

Detailed Facility Report

Facility Summary

CONTINENTAL GRAIN CO
HERNDON ELEVATOR-MAIN ST, BAGLEY, IA 50026

FRS (Facility Registry Service) ID: 110007511157
EPA Region: 07
Latitude:
Longitude:
Locational Data Source:
Industry:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	--	--	No Violation Identified	0	0	--	--	--	--	--
RCRA	--	--	No Violation Identified	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): Operating Minor (IA0000001907700003)
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

(RCRA): Inactive (IAP000000582)
Safe Drinking Water Act (SDWA): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007511157					N		
ICIS-Air	CAA	IA0000001907700003	Minor Emissions	Operating	CAASIP		N		
RCRAInfo	RCRA	IAP000000582	Other	Inactive ( )			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110007511157	CONTINENTAL GRAIN CO	HERNDON ELEVATOR-MAIN ST, BAGLEY, IA 50026
ICIS-Air	CAA	IA0000001907700003	CONTINENTAL GRAIN CO	NO STREET ADDRESS, HERNDON (HISTORICAL), IA 50121
RCRAInfo	RCRA	IAP000000582	CONTINENTAL GRAIN COMPANY	HERNDON ELEVATOR-MAIN ST, BAGLEY, IA 50026

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	IA0000001907700003	2048	Prepared Feeds

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	IA0000001907700003	999999	

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	IA0000001907700003	No	04/11/2020	0	04/10/2020
RCRA	IAP000000582	No	04/11/2020	0	04/10/2020

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: IA0000001907700003)		04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20
	Facility-Level Status	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**
	HPV History												

	Violation Type	Agency	Programs	Pollutants

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: IAP000000582)		04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20
	Facility-Level Status	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Water Body Designated Uses

Reach Code	Water Body Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Ozone	
No	Lead	
No	Particulate Matter	
No	Carbon Monoxide	
No	Nitrogen Dioxide	
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJSCREEN home page.

No Valid Spatial Coordinate is available for this facility

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary.

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Appendix D
FWS Endangered Species List

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
Phone: (309) 757-5800 Fax: (309) 757-5807

In Reply Refer To: April 30, 2020
Consultation Code: 03E18000-2020-SLI-1553
Event Code: 03E18000-2020-E-03636
Project Name: City of Bagley Connection to Rural Water

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service if they determine their project “may affect” listed species or critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website http://ecos.fws.gov/ipac/ at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - http://www.fws.gov/midwest/endangered/section7/s7process/index.html. This website contains step-by-step instructions which will help you

determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

For all wind energy projects, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.) and Migratory Bird Treaty Act (16 U.S.C. 703 et seq), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Wetlands

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
(309) 757-5800

Project Summary

Consultation Code: 03E18000-2020-SLI-1553

Event Code: 03E18000-2020-E-03636

Project Name: City of Bagley Connection to Rural Water

Project Type: WATER SUPPLY / DELIVERY

Project Description: This project will connect the City of Bagley to Xenia Rural Water. Construction is anticipated to start Fall 2020.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/41.8425344088873N94.43025962581557W

Counties: Guthrie, IA

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat *Myotis sodalis* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Flowering Plants

NAME	STATUS
Prairie Bush-clover *Lespedeza leptostachya* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4458	Threatened
Western Prairie Fringed Orchid *Platanthera praeclara* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1669	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Wetlands

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

FRESHWATER EMERGENT WETLAND

- Palustrine

RIVERINE

- Riverine

Construction: Traffic patterns within the community may be disrupted and above normal noise levels in the vicinity of the construction equipment can be anticipated during construction and should be a temporary problem. Adverse environmental impacts on noise quality will be handled by limited hours of contractor work time during the day. Other adverse environmental effects from construction activities will be minimized by proper construction practices, inspection, prompt cleanup, and other appropriate measures. Areas temporarily disturbed by the construction will be restored. Solid wastes resulting from the construction project will be regularly cleared away with substantial efforts made to minimize inconvenience to area residents.

Care will be taken to maintain dirt to avoid erosion and runoff. The proposed project will disturb soils over an area greater than one acre; therefore, the applicant is required to obtain an NPDES General Permit Number 2 (for storm water discharge associated with construction activities) and abide by its terms. Provided that this permit it obtained and the terms of which are abided by, no significant impact to surface water quality, fish, shellfish, wildlife, or their natural habitats is expected.

Temporary air quality degradation may occur due to dust and fumes from construction equipment. The applicant shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property during the proposed project (567 Iowa Administrative Code IAC 23.3(2)"c").

Historical/Archaeological: The State Historical Preservation Office (SHPO) and various Native American tribes with an interest in the area were provided information regarding the project. The DNR has determined, and the SHPO has concurred (R&C#191239061), that this undertaking will result in "no historic properties affected" based on the scope of the project, the prior use of the project area, and the findings of the Phase I Archeological Survey conducted on the project property. However, if project activities uncover any item(s) that might be of archaeological, historical, or architectural interest, or if important new archaeological, historical, or architectural data should be encountered in the project APE, the applicant should make reasonable efforts to avoid further impacts to the property until an assessment can be made by an individual meeting the Secretary of the Interior's professional qualifications standards (36 CFR Part 61).

Environmental: According to the Iowa DNR Conservation and Recreation Division, the proposed project will not interfere with any State-owned parks, recreational areas or open spaces. The U.S. Army Corps of Engineers concurs that the project will not impact wetlands provided that the terms of Nationwide Permit #12 are abided by. The project will not impact any wild and scenic rivers as none exist within the State of Iowa. The U.S. Fish & Wildlife Service Section 7 Technical Assistance website consultation determined, and Iowa DNR Conservation and Recreation Division agree, that the project will not impact threatened or endangered species or their habitats. However, if any State- or Federally-listed threatened or endangered species or communities are found during the

Appendix E
Environmental Justice Census Statistics

EJSCREEN Report (Version 2019)

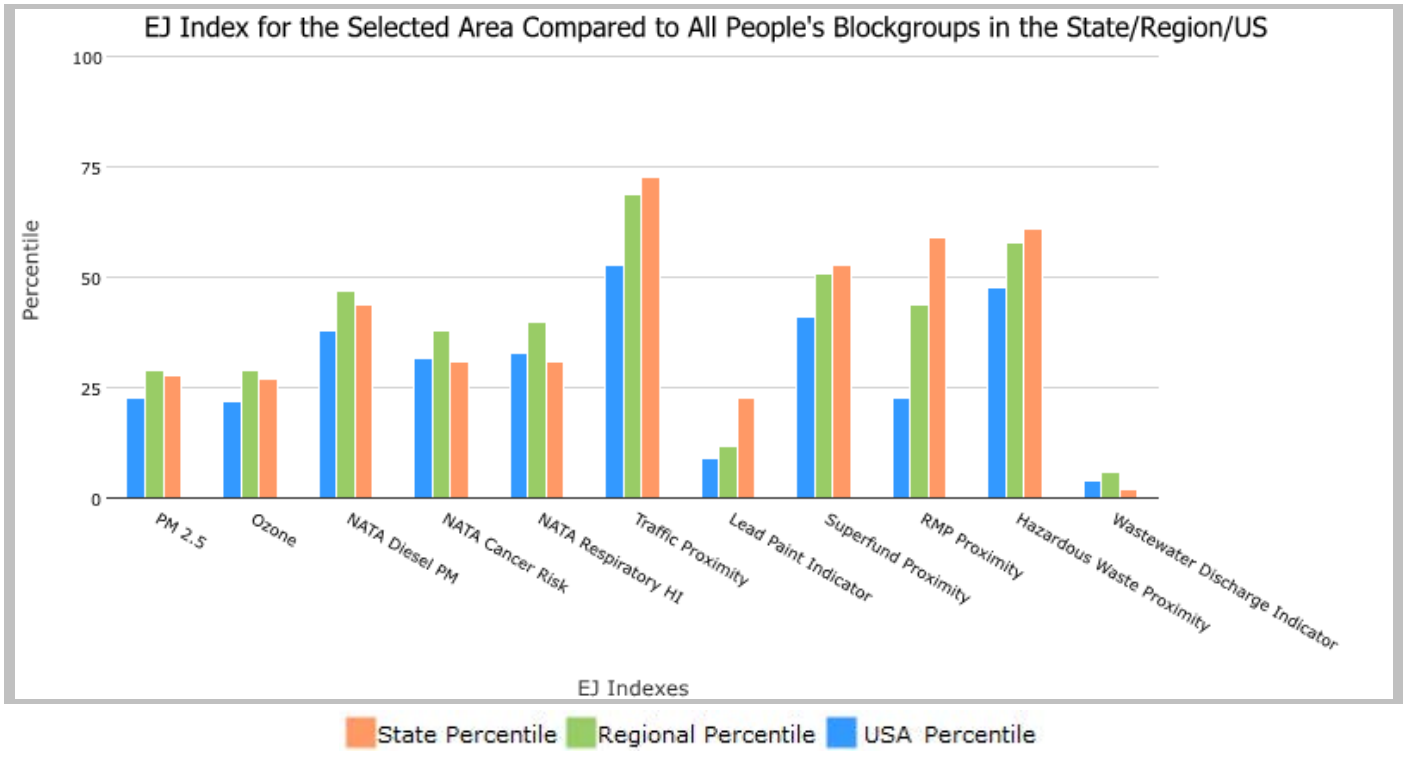
1 miles Ring Centered at 41.847097,-94.430134, IOWA, EPA Region 7

Approximate Population: 278

Input Area (sq. miles): 3.14

City of Bagley

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	28	29	23
EJ Index for Ozone	27	29	22
EJ Index for NATA* Diesel PM	44	47	38
EJ Index for NATA* Air Toxics Cancer Risk	31	38	32
EJ Index for NATA* Respiratory Hazard Index	31	40	33
EJ Index for Traffic Proximity and Volume	73	69	53
EJ Index for Lead Paint Indicator	23	12	9
EJ Index for Superfund Proximity	53	51	41
EJ Index for RMP Proximity	59	44	23
EJ Index for Hazardous Waste Proximity	61	58	48
EJ Index for Wastewater Discharge Indicator	2	6	4



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

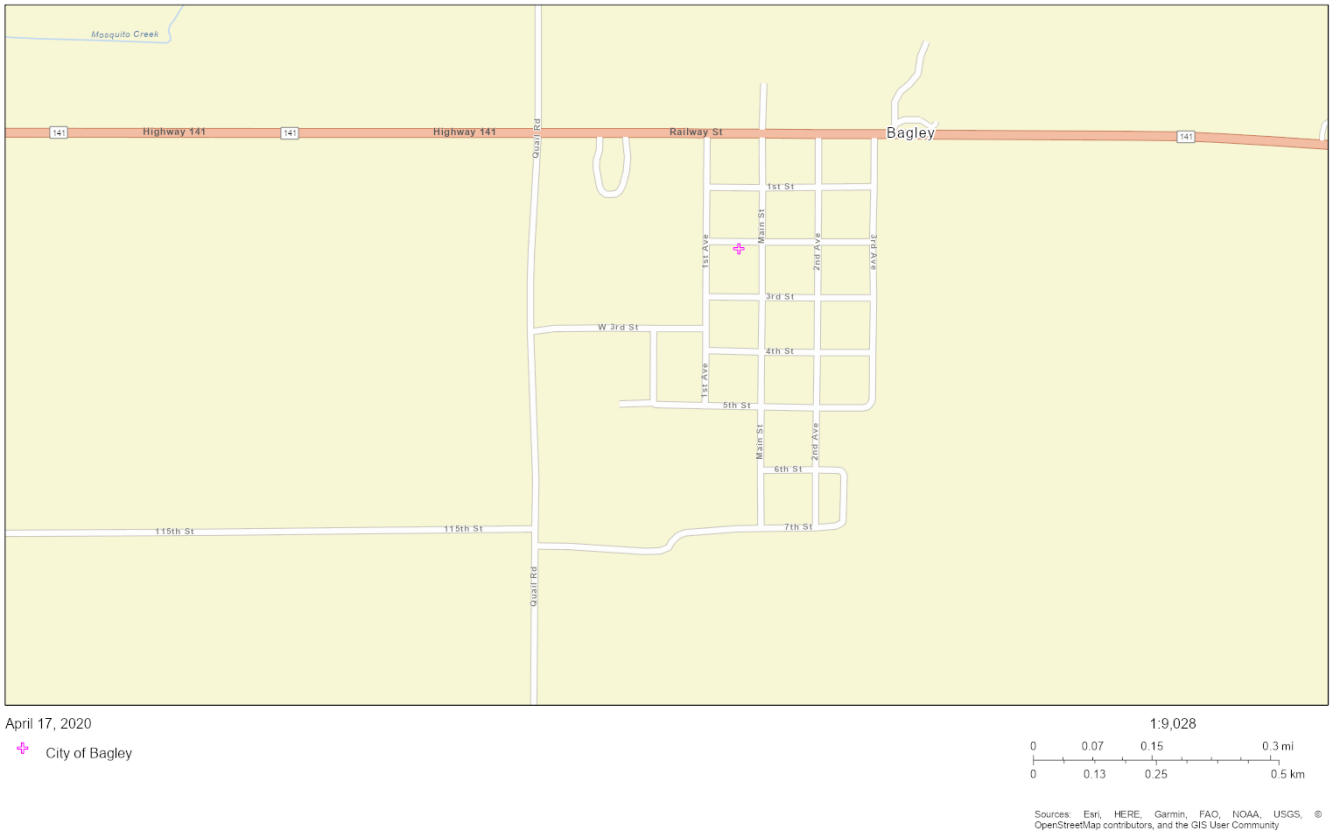
EJSCREEN Report (Version 2019)

1 miles Ring Centered at 41.847097,-94.430134, IOWA, EPA Region 7

Approximate Population: 278

Input Area (sq. miles): 3.14

City of Bagley



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJSCREEN Report (Version 2019)

1 miles Ring Centered at 41.847097,-94.430134, IOWA, EPA Region 7

Approximate Population: 278

Input Area (sq. miles): 3.14

City of Bagley

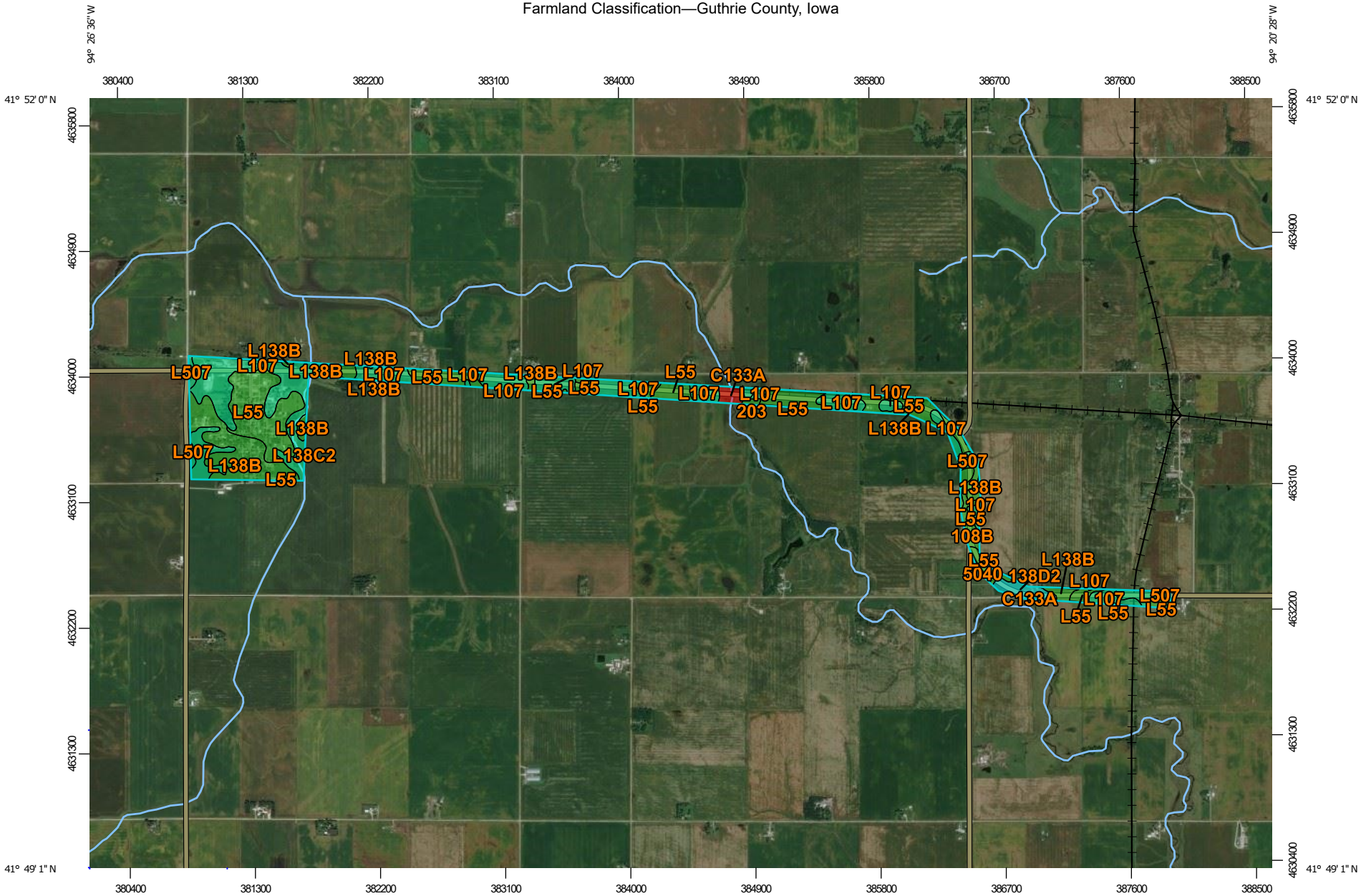
Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in µg/m^3)	7.24	7.71	15	7.77	17	8.3	21
Ozone (ppb)	39.5	40.3	23	42.5	7	43	26
NATA* Diesel PM (µg/m^3)	0.14	0.266	9	0.367	<50th	0.479	<50th
NATA* Cancer Risk (lifetime risk per million)	18	22	17	27	<50th	32	<50th
NATA* Respiratory Hazard Index	0.23	0.28	19	0.36	<50th	0.44	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	0.44	260	10	330	9	750	5
Lead Paint Indicator (% Pre-1960 Housing)	0.34	0.42	41	0.34	56	0.28	65
Superfund Proximity (site count/km distance)	0.016	0.11	14	0.1	17	0.13	13
RMP Proximity (facility count/km distance)	0.24	1.2	19	0.94	34	0.74	44
Hazardous Waste Proximity (facility count/km distance)	0.041	0.49	14	0.8	13	4	5
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.086	0.54	97	0.97	89	14	89
Demographic Indicators							
Demographic Index	14%	21%	37	26%	28	36%	17
Minority Population	5%	13%	37	19%	27	39%	12
Low Income Population	23%	29%	41	32%	37	33%	38
Linguistically Isolated Population	1%	2%	68	2%	69	4%	47
Population With Less Than High School Education	6%	8%	46	10%	40	13%	33
Population Under 5 years of age	5%	6%	34	6%	33	6%	36
Population over 64 years of age	24%	16%	86	15%	86	15%	87

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: https://www.epa.gov/national-air-toxics-assessment.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

Appendix F
Soil Map


94° 26' 36" W
94° 20' 28" W
41° 52' 0" N
41° 49' 1" N
380400
381300
382200
383100
384000
384900
385800
386700
387600
388500
4635800
4634900
4634000
4633100
4632200
4631300
4630400
L138B
L107
L507
L55
L138C2
C133A
203
L138B L107
L507
L138B
L107
L55
108B
5040
138D2
Map Scale: 1:38,900 if printed on A landscape (11" x 8.5") sheet.
N
Meters
0 500 1000 2000 3000
Feet
0 1500 3000 6000 9000
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

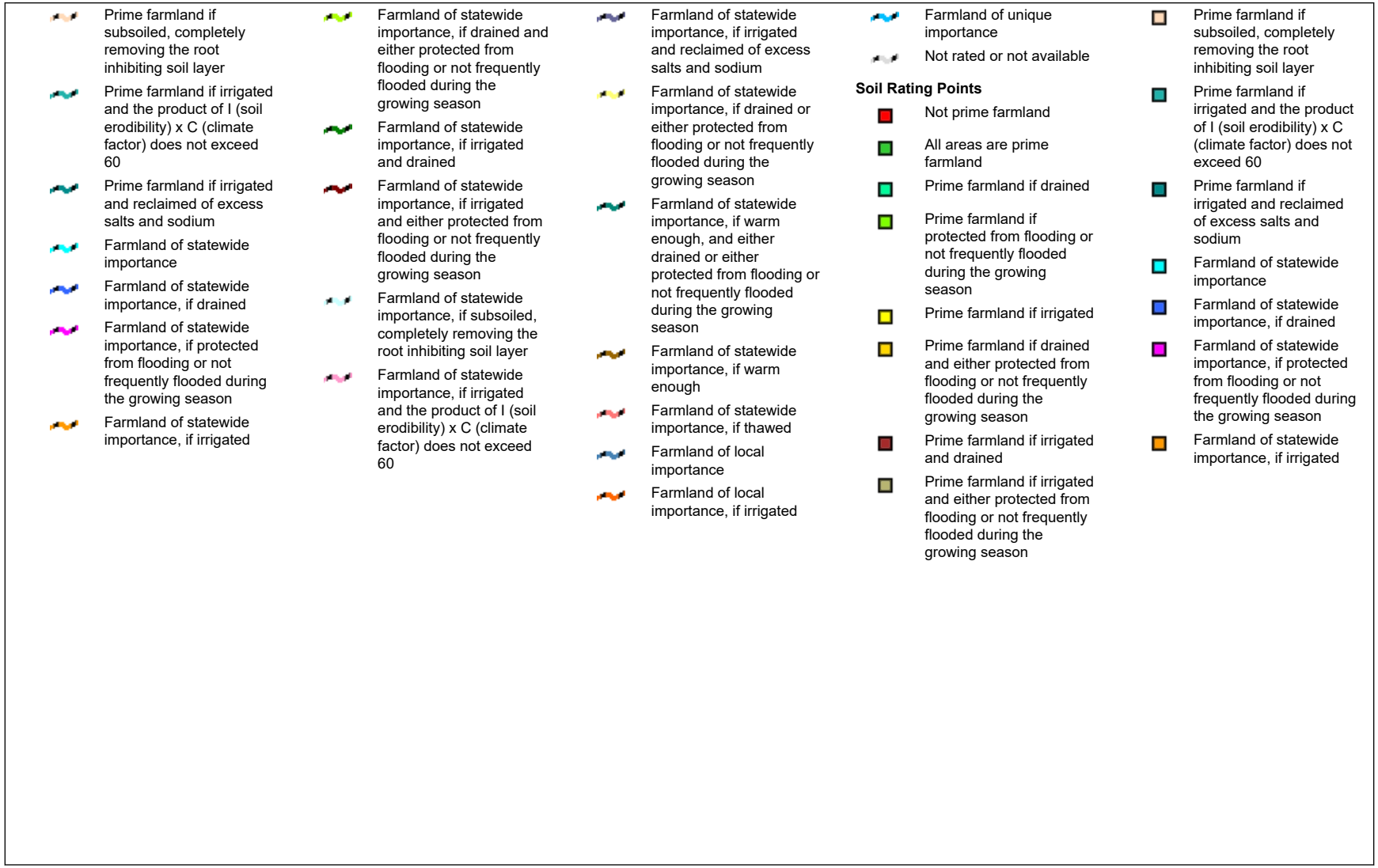
Soils

Soil Rating Polygons

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Lines

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season


Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated
Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Soil Rating Points
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Guthrie County, Iowa
Survey Area Data: Version 28, Sep 14, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 30, 2012—Sep 21, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
6	Okoboji silty clay loam, 0 to 1 percent slopes	Farmland of statewide importance	0.3	0.1%
108B	Wadena loam, 2 to 6 percent slopes	All areas are prime farmland	3.9	1.0%
133A	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	Prime farmland if drained	4.2	1.1%
138D2	Clarion loam, 9 to 14 percent slopes, moderately eroded	Farmland of statewide importance	9.3	2.5%
203	Cylinder loam, 0 to 2 percent slopes	All areas are prime farmland	1.3	0.3%
5040	Udorthents, loamy	Not prime farmland	1.5	0.4%
C133A	Colo silt loam, dissected till plain, 0 to 2 percent slopes, channeled, frequently flooded	Not prime farmland	5.2	1.4%
L55	Nicollet loam, 1 to 3 percent slopes	All areas are prime farmland	120.2	32.0%
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	Prime farmland if drained	144.2	38.4%
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	All areas are prime farmland	73.7	19.6%
L138C2	Clarion loam, Bemis moraine, 6 to 10 percent slopes, moderately eroded	Farmland of statewide importance	0.1	0.0%
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	Prime farmland if drained	11.6	3.1%
Totals for Area of Interest			**375.4**	**100.0%**

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Appendix G
Floodplain Bmask clr_rgml

Early Notice and Public Review of a Proposed Activity in a 100-Year Floodplain or Wetland

Publication Date: April 23, 2020
in The News Gazette

This is to give notice that the City of Bagley has conducted an evaluation as required by Executive Order 11988 and/or 11990, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management, to determine the potential affect that its activity in the floodplain and wetland will have on the human environment for CDBG Opportunities and Threats under 19-OT-003. The City of Bagley is connecting to Xenia Rural Water. The project includes the construction of 24,700 feet of 6" water main and a booster station. This project will encompass one acre of the 100-year floodplain. The proposed project(s) is located along Highway 141 in the City of Bagley, Guthrie County.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about floodplains can facilitate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

Written comments must be received by the City of Bagley at the following address on or before May 8, 2020 to the City of Bagley, 207 Main Street, PO Box 58, Bagley, Iowa, 50026 and 641-427-5600 Attention John Mathews, Mayor. Comments may also be submitted or further information can be requested via email at cityofbagley@iowatelecom.net. A full description of the project may also be obtained for review by contacting the City Clerk during office hours from 8:00am-Noon Monday and Friday or 2:30 pm to 5:00 pm Wednesday. The City Clerk will work with the requesting party to determine a way to share the full project description with them.

PROOF OF PUBLICATION

State of Iowa
Guthrie County

I, Luann Waldo, publisher of The News Gazette, a weekly newspaper published in Bayard, Iowa, in county and state aforesaid, state that the notice of which is annexed is a printed copy and was published in said newspaper for 1 consecutive week(s) and appeared on the dates given below:

1 Apr. 23, 2020

2 _____, 2020

3 _____, 2020

I, Luann Waldo, do hereby state that I certify under penalty of perjury and pursuant to the laws of the State of Iowa that the preceding is true and correct as I verily believe.

Signed Luann Waldo

April 30, 2020

Publishing Fee:

68 Lines @ .627 $ 42.64

_____ 2nd Insert @ .423 $_____

____ Inches @ $4 $_____

____ Lines/2 Col. @ 1.379 $_____

_____ Probate @ $1.254 $_____

_____ Classified @ $4.75 $_____

_____ @ _____ $_____

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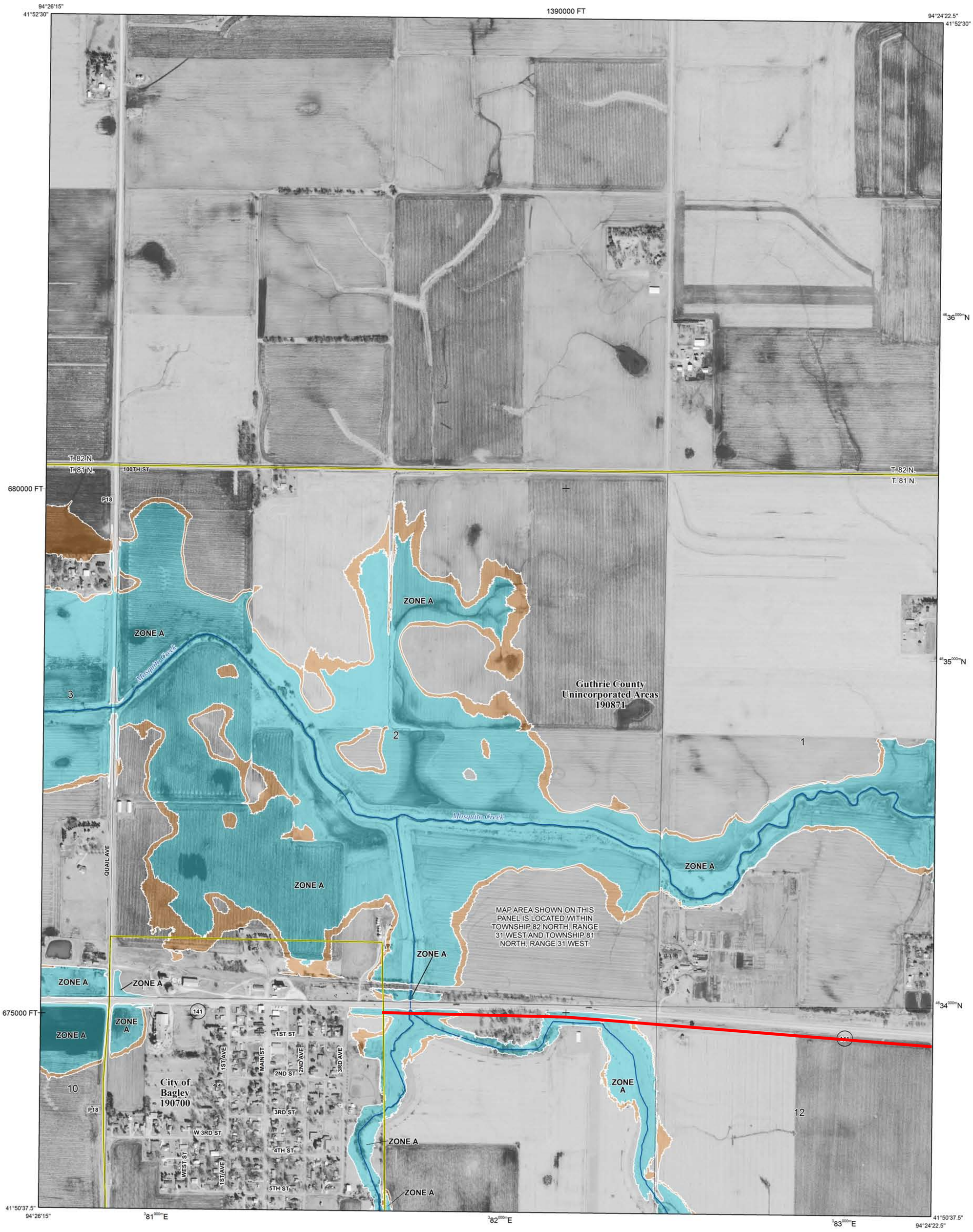
This is to give notice that **the City of Bagley** has conducted an evaluation as required by Executive Order 11988 and/or 11990, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management, to determine the potential affect that its activity in the floodplain and wetland will have on the human environment for **CDBG Opportunities and Threats** under **19-OT-003. The City of Bagley is connecting to Xenia Rural Water.** The project includes the construction of 24,700 feet of 6" water main and a booster station. This project will encompass one acre of the 100-year floodplain. The proposed project(s) is located along Highway 141 in **the City of Bagley, Guthrie County.**

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about floodplains can facilitate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

Written comments must be received by **the City of Bagley** at the following address on or before **May 8, 2020 to the City of Bagley, 207 Main Street, PO Box 58, Bagley, Iowa, 50026** and **641-427-5600** Attention John Mathews, Mayor**.** Comments may also be submitted or further information can be requested via email at **cityofbagley@iowatelecom.net**. A full description of the project may also be obtained for review by contacting the City Clerk during office hours from **8:00am-Noon Monday and Friday or 2:30pm to 5:00pm Wednesday**. The City Clerk will work with the requesting party to determine a way to share the full project description with them.



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTP://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A,V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- E 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general,please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

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For community and countywide map dates refer to the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was provided in digital format by the Iowa Department of Natural Resources. This information was derived from digital orthophotography at a 2 foot ground resolution from imagery flown in April 2009.

Approximate location of project

SCALE

N

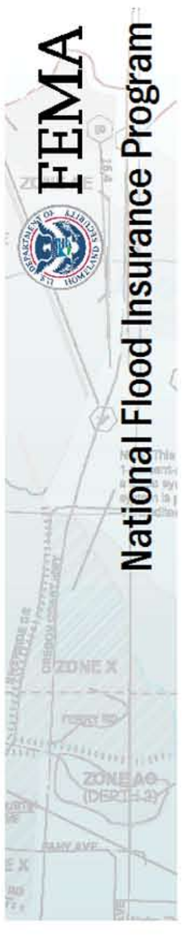
Map Projection:
State Plane Iowa South (FIPS Zone 1402) Coordinate System, Lambert Conformal Conic Projection; North American Datum 1983, GRS 1980 spheroid; North American Vertical Datum of 1988

1 inch = 500 feet 1:6,000

0 500 1,000 2,000 Feet

0 125 250 500 Meters

PANEL LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

GUTHRIE COUNTY, IOWA
And Incorporated Areas

PANEL 56 OF 325

FEMA

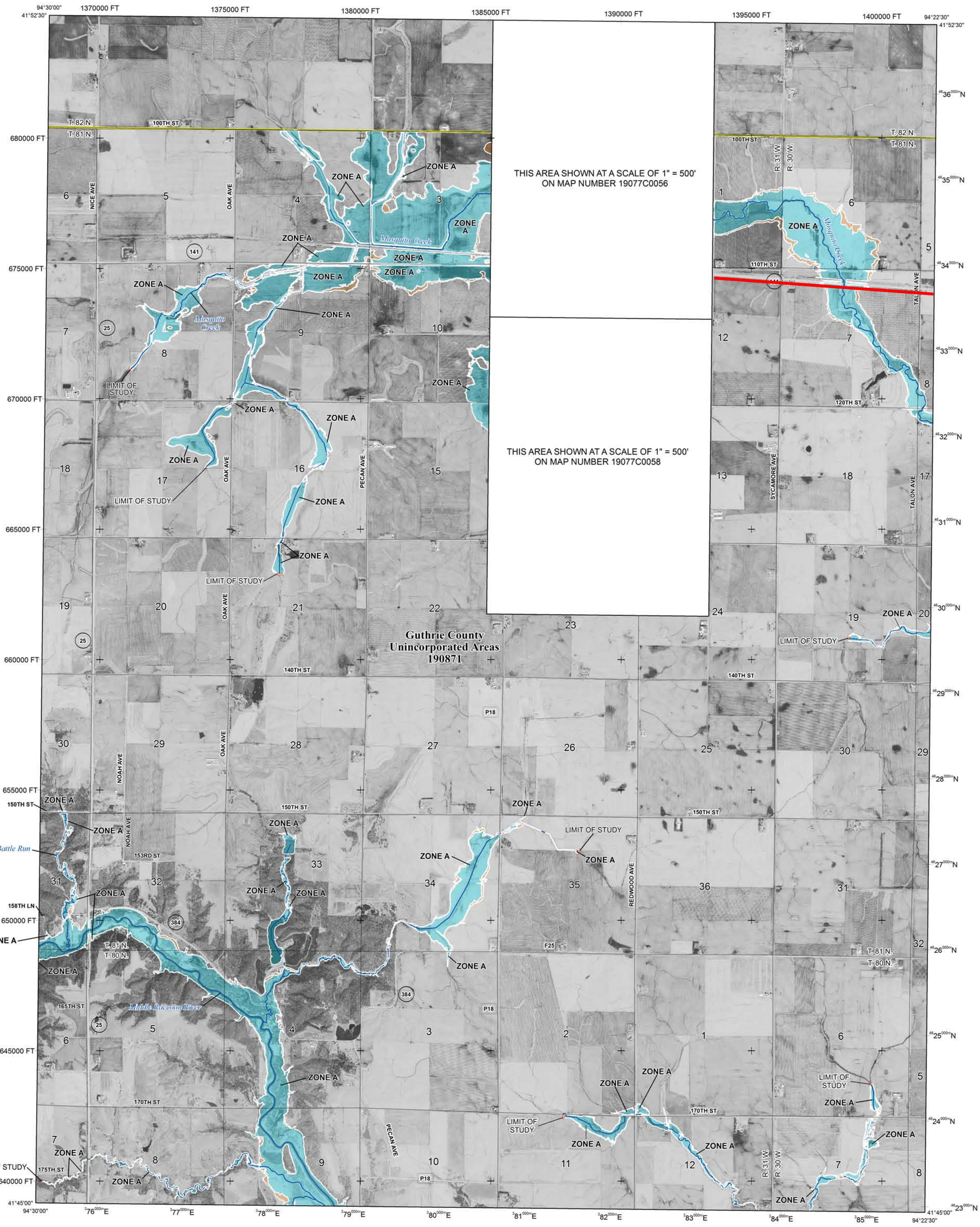
Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
BAGLEY, CITY OF	190700	0056	D
GUTHRIE COUNTY	190871	0056	D

VERSION NUMBER
2.3.3.0

MAP NUMBER
19077C0056D

EFFECTIVE DATE
APRIL 5, 2017



FLOOD HAZARD INFORMATION

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Approximate location of project

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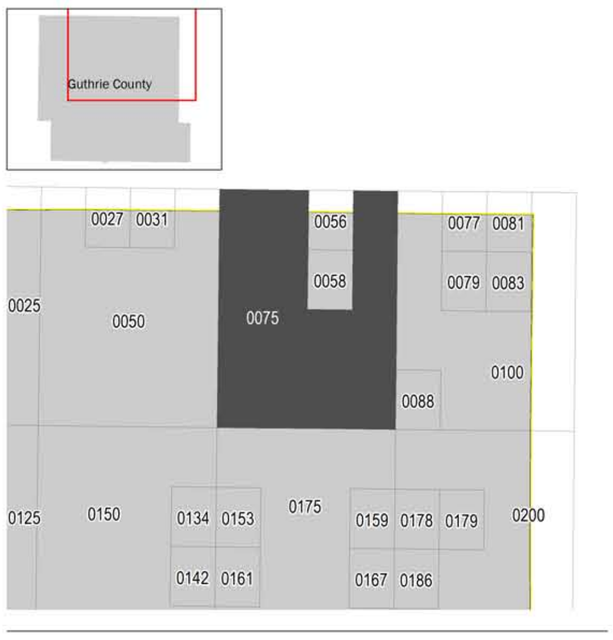
1 inch = 2,000 feet 1:24,000

0 2,000 4,000 8,000 Feet

0 500 1,000 2,000 Meters

PANEL LOCATOR



FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

GUTHRIE COUNTY, IOWA
And Incorporated Areas

PANEL 75 OF 325

FEMA

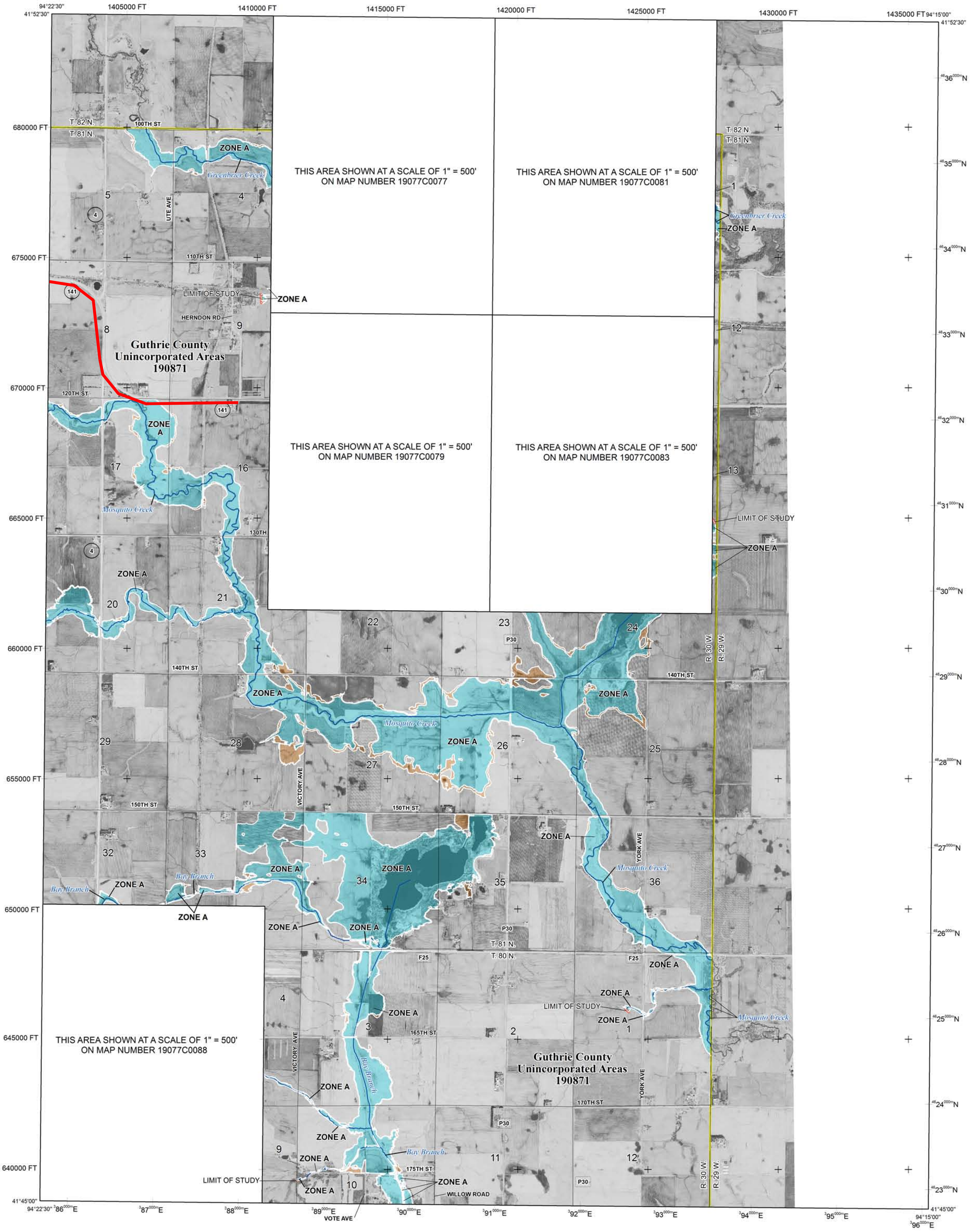
Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GUTHRIE COUNTY	190871	0075	D

VERSION NUMBER
2.3.3.0

MAP NUMBER
19077C0075D

EFFECTIVE DATE
APRIL 5, 2017



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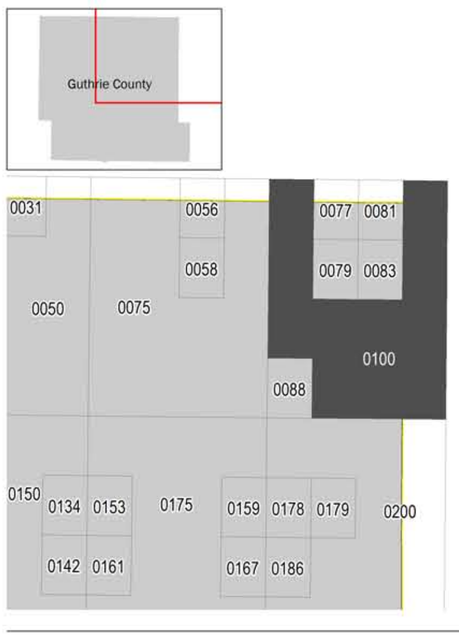


FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

GUTHRIE COUNTY, IOWA
And Incorporated Areas

PANEL 100 OF 325

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GUTHRIE COUNTY	190871	0100	D

VERSION NUMBER
2.3.3.0

MAP NUMBER
19077C0100D

EFFECTIVE DATE
APRIL 5, 2017

Floodplain Management- "8 Step Process"

1. Determine if the proposed action is in a wetland or the 100-year floodplain (or in the 500-year floodplain for a critical action i.e., actions for which even a slight chance of flooding would be too great). If the proposed action would not be conducted in these areas, then no further compliance with this part is required.

The proposed action will take place within the 100-year floodplain.

2. Notify the public of the intent to locate the proposed action in the floodplain or wetland. The notice must be published at least once in a local newspaper of general circulation (in cities where there is no newspaper of general circulation, notices must be displayed in the local post office and its substations). The public must be given at least fifteen days to comment. The notice is titled *Notice of Proposed Project to be Located in a Floodplain or Wetland*. This Notice can be found in the following pages. The recipient must use this form, or its equivalent, to meet federal requirements.

The publication was published on April 23, 2020 with a comment period ending on May 8, 2020.

3. Identify and evaluate practicable alternatives to locating in the floodplain. This determination requires the recipient to consider whether the floodplain or wetland can be avoided either through selecting alternative sites, choosing alternative actions to serve the identical project objective, or taking no action. Note that specific, actual alternative site must be identified and evaluated.

The evaluated alternatives are located in the preliminary engineering report. Alternatives considered included upgrades to the existing water treatment plant, new pressure filtration at the water treatment plant, new aeration and gravity filtration at the water treatment plant, or connection to an alternative water source, i.e. Xenia Rural Water. The connection to Xenia Rural Water is believed to provide the shortest project timeline as well as being the most cost-effective alternative which will address the City's Manganese Public Health Notice the fastest.

4. Identify indirect or direct impacts associated with the occupancy or modification of the floodplain or wetland.

During construction, the land will be disturbed as the project requires excavation. Once the project is complete, the land will return to its pre-construction state, as the water line will be underground. The natural flora and fauna will be able to regrow in the project location. The floodplain is currently occupied by the city's water distribution system, and the proposed project will not change the occupancy status.

The floodplain is currently not developed and will not be developed in the near future. This ensures that any flooding that happens has minimal impact on the city's and private structures.

5. Identify methods to minimize the potential adverse impacts within the floodplain or wetland and to restore and preserve its natural and beneficial values.

The primary effect on the surrounding land will occur during the construction process where storm water runoff and erosion is the main concerns. To mitigate this process and comply with applicable regulations to reduce erosion, erosion control fencing and other best management practices will be employed. Site restoration will occur promptly following any proposed construction. Vegetation will be restored to the site via seeding and mulching.

6. Reevaluate the alternatives, taking into account the identified impacts, the steps necessary to minimize these impacts and the opportunities to restore and preserve floodplain values.

The selected action (Alternate 6 in the facility plan) is feasible. The impacts to the current floodplain are minimal during construction and will restored to the same condition they were before construction after the project is complete.

7. If the recipient determines the only practicable alternative is locating in the floodplain or wetland, a final public notice shall be published. A sample notice that is titled *Notice of a Decision Regarding Project to be Located in a Floodplain or Wetland* can be found on the following pages. The notice will include the reason for locating the project in a floodplain or wetland, the alternatives that were considered, and any mitigation measures that are planned.

This notice will be published along with the FONSI/RROF.

8. The proposed action can be implemented after steps 1 through 7 have been completed and all other requirements are met.

Appendix H
SRF SHPO Submission

1912 39061

REQUEST FOR SHPO COMMENT ON A PROJECT

Submit one copy with *each* property for which our comment is requested. Please print or type.
Return to: State Historical Society of Iowa, State Historic Preservation Office, 600 E. Locust St, Des Moines, IA 50319-0290

I. GENERAL INFORMATION

☒ This is a new submittal
☐ This is more information relating to SHPO R&C #: _____

a. Property Name: Bagley connection to Xenia Rural Water
b. Property Street & Number: See Map
c. County: Guthrie City: Bagley Zip: 50026
d. Federal Agency: IDNR/SRF Federal Funding Program/Permit: IDNR/SRF
e. Agency Project No.: FS-39-20-DWSRF-013
f. Contact Person on Project: Jean Mayne Phone: (515) 725-0487
g. Contact Address: 502 E. 9th Street, Des Moines, IA Zip: 50319-0034
email: jean.mayne@dnr.iowa.gov

II. IDENTIFICATION OF HISTORIC PLACES

Scope of Effort Applied

☐ As agreed in programmatic or other agency agreements with SHPO (if applicable)
☒ Includes the attached elements required under 36 CFR 800.4(a)
1) Area of potential effects, as defined in 800.16(d), is shown on map
2) Existing information has been reviewed on historic properties in the property area at SHPO office and/or other locations of inventory data
3) Information has been sought from parties likely to have knowledge about historic properties in the project area
4) Information gathered from Indian tribes, as appropriate

Identification Results
History and Architecture
☐ An attached Iowa Site Inventory form is completed for each building 50 years of age or older

Archaeology
☒Yes ☐No The project will involve excavation
If yes, submit all of the following information (use attachments of necessary)
1) Precise project location map (preferably U.S.G.S. 7.5 min Quad with name, date, & location)
2) Site plan showing limits of proposed excavation
3) Number of acres in project 33.2
4) Legal location: Section(s) 11 & 12 Township(s) 81 N Range(s) 31 W
4) Legal location: Section(s) 7, 8, & 9 Township(s) 81 N Range(s) 30 W
5) Description of width and depth of proposed excavation and current conditions of project area

III. APPLICANT CERTIFICATION (Check Either Adverse Effect or No Adverse Effect for Historic Property Affected category)

Findings (Check One)

☒ **No historic properties will be affected** (i.e., none are present or there are historic properties present but the project will have no effect upon them) and adequate documentation under 800.11 is provided, including:
1) A description of the undertaking, specifying the Federal involvement, and its area of potential effects, including photographs, maps, drawings, as necessary ***and***
2) A description of the steps taken to identify historic properties, including, as appropriate, efforts to seek information pursuant to 800.4(b) ***and***
3) The basis for determining that no historic properties are present or affected.

I understand that the SHPO has 30 days from receipt to object to the finding, after which the applicant's responsibilities under Section 106 of the Historic Preservation Act are fulfilled.

☐ **An historic property will be affected** for which documentation is provided as required in 36 CFR Part 800.11(e) and, in applying the criteria of adverse effect under 800.5, propose that the project be considered to have (**Check One**):
☐ A **No Adverse Effect** under which, in consultation with the SHPO, the project will be modified or conditions imposed to avoid adverse effects. I understand that failure of the SHPO to provide a dated response within 30 days from receipt to the finding shall be considered agreement of the SHPO with the finding
☐ An **Adverse Effect** is found and the applicant, or other federally authorized representative, will consult with the SHPO and other consulting parties to resolve the adverse effect under 800.6

Federally Authorized Signature: _____ Date: 12/10/19
Type name below ➔Jean Mayne, Environmental Review Specialist, SRF, IDNR

IV. STATE HISTORIC PRESERVATION OFFICE COMMENT

☑ Agree with the finding in section III above (move to reader's file) ☐ See attached follow-up letter
☐ Object to the finding for reasons indicated in attached letter
☐ Cannot review until information is sent as follows: _____

Authorized Signature: _____ Date: 1/14/2020

Please mail a copy of this signed statement to your contact person at the Federal Agency

Version: 12/18/02

December 10, 2019

Mr. Daniel Higginbottom
State Historical Preservation Office
State Historical Society of Iowa
600 E. Locust St.
Des Moines, IA 50319-0290

RE: Section 106 Review
City of Bagley – Connection to Xenia Rural Water
Guthrie County, Iowa
Bagley & Yale Quadrangle
Section 11 & 12, Township 81 N, Range 31 W
Section 7, 8 & 9, Township 81 N, Range 30 W

Dear Mr. Higginbottom:

The City of Bagley, Iowa is planning an upgrade to their water supply system. The city has applied for financial assistance through the State Revolving Fund (SRF) loan program to build the project.

We ask that you check the project location for any known or suspected adverse impacts to historic properties that run counter to or have not been considered by our determination. The attached maps and drawings show the location of the project. Also attached is a Request for SHPO Comment on a Project form.

The proposed project includes construction of a new water main connection with the Xenia Rural Water System in order to provide the City of Bagley with water. This work may include associated work such as valves, meters, and other equipment.

The proposed project will disturb an estimated 33.2 acres of land. An archaeological firm, the Office of the State Archeologist (OSA), was retained to perform a Phase 1 Intensive Archaeological Survey of the project area. Due to land-owner issues, work had to be broken into two separate Phase 1s that encompass the entire project area. No significant archaeological resources were identified within the project area. The Archeological Reports completed by the OSA is attached. Based on this information we believe that further archaeological survey of the project area is not justified.

The National Register of Historic Places does not list any sites in the City of Bagley. While National Register eligible properties may exist within Bagley, the proposed project will not

affect any existing structures. Based on this information we believe that further historical survey of the project area is not justified.

In accordance with Section 106 of the National Historic Preservation Act, we request that you respond in writing to this office within 30 days of receipt of this letter with any comments. If a response is not received within 30 days, the Department will assume that there are no comments. Please forward your comments to me at the address listed in the footer below.

If you have any questions, please contact me by email at Jean.Mayne@dnr.iowa.gov or by phone at (515) 725-0487.

Sincerely,

Jean Mayne
Environmental Review Specialist

502 E. 9th Street
Des Moines, IA 50319-0034

Appendix I
Noise Control Exemption

ADDITIONAL INFORMATION FOR EA AND CEST PROJECTS - SHEET C

Noise Assessment Guidelines

Noise: The Quiet Communities Act (24 CFR Part 51, Subpart B):

The Act establishes specific noise control requirements for CDBG-funded projects. Grant Recipients must take into consideration the noise criteria and standards in the environmental review process and consider ameliorative actions when noise sensitive land development is proposed in noise exposed areas.

The prime concern of a CDBG environmental impact assessment for noise should be the effect of existing and projected noise levels on the proposed activities and facilities.

If your project is not noise sensitive (e.g., water & sewer projects) then you can skip this assessment and note in the environmental review that the nature of the project, as described, is not noise sensitive.

An assessment will be needed if housing and other noise sensitive uses are proposed:

1. **Document the following on a map (either your project meets this criteria or not):**

   - Existing or proposed commercial or military airports within 15 miles of the site.

   - Roadways within 1,000 feet of the site with such characteristics (e.g., high traffic levels, high speed, heavy truck/bus usage, slope gradients, etc.) that would indicate high ambient vehicular noise levels.

   - Railroads within 3,000 feet of the site.

   - Other significant noise sources (e.g., industrial/manufacturing facilities, power generating stations, firing ranges) in proximity to the site.

2. **If you project is within the distance criteria above, you must perform a noise calculation. It can be found here:** https://www.hudexchange.info/environmental-review/dnl-calculator/**.**
   a. Airports: contact Airport for noise contour maps
   b. Road data: https://iowadot.gov/maps/digital-maps/traffic-maps/county
   c. Railroads: http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/xinggryloc.aspx
      i. Some defaults:
         1. Diesel Engines: # of diesel = 2, # of rail cars = 50, Average Speed = 30, nighttime of ATO = .15 or 15%
         2. Electric Engines: # of electric = 1, # of rail cars = 8, Average Speed = 30, nighttime of ATO = .15 or 15%

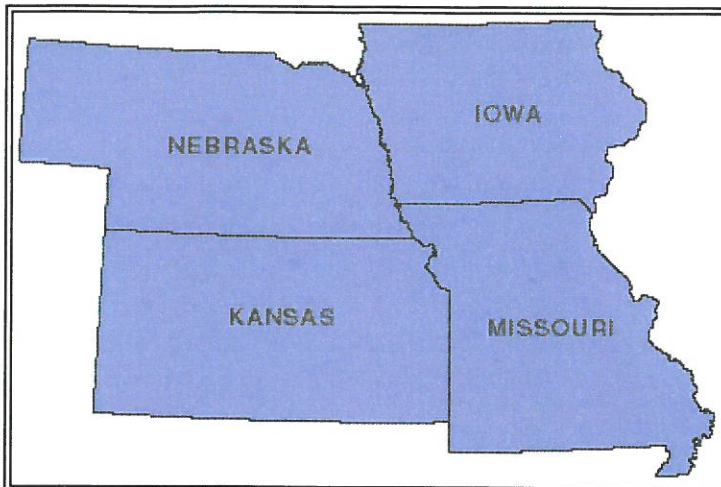
3. **If your decibel level is above 65 dB – 75 dB:**
   a. For new construction – you MUST mitigate
   b. For Rehab – you are strongly encouraged to mitigate

   However, if above 75 dB you MUST contact leslie leager at IEDA for additional instructions.

Appendix J
Sole Source Aquifers

Designated Sole Source Aquifers in EPA Region VII

Iowa, Kansas, Missouri, Nebraska



REGION VII (IA, KS, MO, NE)

Stephanie Lindberg
Drinking Water/Ground Water Branch
EPA Region 7
901 N. 5th Street
Kansas City, KS 66101
phone: (800) 223-0425
email: lindberg.stephanie@epa.gov

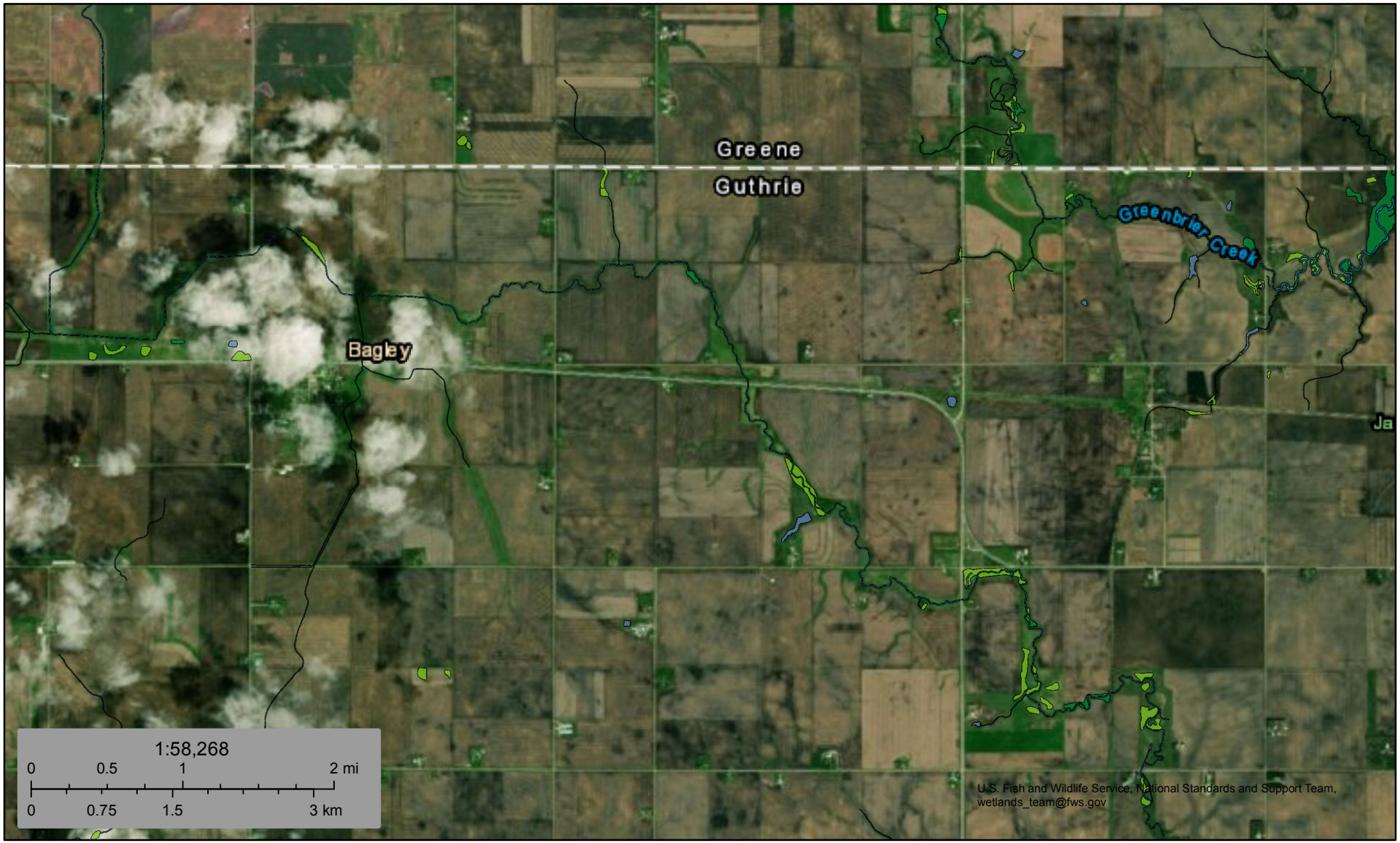
There are no designated Sole Source Aquifers in Region VII. Contact the coordinator above for more information about designating SSAs in Region VII.

Return to: Sole Source Aquifer program home page

Appendix K
Wetland Map

U.S. Fish and Wildlife Service
National Wetlands Inventory

Bagley Connection to Xenia Rural Water



April 29, 2020

Wetlands

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

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Construction: Traffic patterns within the community may be disrupted and above normal noise levels in the vicinity of the construction equipment can be anticipated during construction and should be a temporary problem. Adverse environmental impacts on noise quality will be handled by limited hours of contractor work time during the day. Other adverse environmental effects from construction activities will be minimized by proper construction practices, inspection, prompt cleanup, and other appropriate measures. Areas temporarily disturbed by the construction will be restored. Solid wastes resulting from the construction project will be regularly cleared away with substantial efforts made to minimize inconvenience to area residents.

Care will be taken to maintain dirt to avoid erosion and runoff. The proposed project will disturb soils over an area greater than one acre; therefore, the applicant is required to obtain an NPDES General Permit Number 2 (for storm water discharge associated with construction activities) and abide by its terms. Provided that this permit it obtained and the terms of which are abided by, no significant impact to surface water quality, fish, shellfish, wildlife, or their natural habitats is expected.

Temporary air quality degradation may occur due to dust and fumes from construction equipment. The applicant shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property during the proposed project (567 Iowa Administrative Code IAC 23.3(2)"c").

Historical/Archaeological: The State Historical Preservation Office (SHPO) and various Native American tribes with an interest in the area were provided information regarding the project. The DNR has determined, and the SHPO has concurred (R&C#191239061), that this undertaking will result in "no historic properties affected" based on the scope of the project, the prior use of the project area, and the findings of the Phase I Archeological Survey conducted on the project property. However, if project activities uncover any item(s) that might be of archaeological, historical, or architectural interest, or if important new archaeological, historical, or architectural data should be encountered in the project APE, the applicant should make reasonable efforts to avoid further impacts to the property until an assessment can be made by an individual meeting the Secretary of the Interior's professional qualifications standards (36 CFR Part 61).

Environmental: According to the Iowa DNR Conservation and Recreation Division, the proposed project will not interfere with any State-owned parks, recreational areas or open spaces. The U.S. Army Corps of Engineers concurs that the project will not impact wetlands provided that the terms of Nationwide Permit #12 are abided by. The project will not impact any wild and scenic rivers as none exist within the State of Iowa. The U.S. Fish & Wildlife Service Section 7 Technical Assistance website consultation determined, and Iowa DNR Conservation and Recreation Division agree, that the project will not impact threatened or endangered species or their habitats. However, if any State- or Federally-listed threatened or endangered species or communities are found during the

planning or construction phases, additional studies and/or mitigation may be required. According to the Iowa DNR Water Resources Section, this project will not impact the 100-year floodplain provided the Floodplain Development permit terms are abided by. No adverse impacts are expected to result from this project, such as those to surface water quantity, or groundwater quality or quantity.

Land Use and Trends: The project will not displace population nor will it alter the character of existing residential areas. No significant farmlands will be impacted. This project should not impact population trends as the presence or absence of existing water/sewer infrastructure is unlikely to induce significant alterations in the population growth or distribution given the myriad of factors that influence development in this region. Similarly, this project is unlikely to induce significant alterations in the pattern and type of land use.

Irreversible and Irretrievable Commitment of Resources: Fuels, materials, and various forms of energy will be utilized during construction.

POSITIVE ENVIRONMENTAL EFFECTS TO BE REALIZED FROM THE PROPOSED PROJECT

Positive environmental effects will be improved water quality for the citizens of Bagley. Water supply provided by Xenia Rural Water will bring the City of Bagley into compliance with department requirements regarding manganese concentration.

SUMMARY OF REASONS FOR CONCLUDING NO SIGNIFICANT IMPACT

- The project will not significantly affect the pattern and type of land use (industrial, commercial, agricultural, recreational, residential) or growth and distribution of population.
- The project will not conflict with local, regional or State land use plans or policies.
- The project will not impact wetlands provided that the terms of Nationwide Permit #12 are abided by.
- The project will not affect threatened and endangered species or their habitats. If any State- or Federally-listed threatened or endangered species or communities are found during the planning or construction phases, additional studies and/or mitigation may be required.
- The project will not displace population, alter the character of existing residential areas, or convert significant farmlands to non-agricultural purposes.
- The project will not affect the 100-year flood plain provided the Floodplain Development permit terms are abided by.
- The project will not have effect on parklands, preserves, other public lands, or areas of recognized scenic or recreational value.
- No Historic Properties will be adversely affected by the proposed project. However, if project activities uncover any item(s) that might be of archaeological, historical, or

Appendix L
Wild and Scenic Rivers

Iowa Segments

Hector Santiago
National Park Service
Midwest Regional Office
601 Riverside Drive
Omaha, Nebraska 68102
(402) 661-1848

Authorizations / **History** / **Eligibility Descriptions** / **Outstandingly Remarkable Values** /**Potential Classification** /**Wild and Scenic Rivers System**

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River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Boone	Hamilton and Webster	From Webster City to confluence with Des Moines River.	25	1995	S	S, R, F, W	Iowa's first designated "Protected Water Area." Identified for it's scenic and natural qualities, including relatively undisturbed riparian habitat and excellent smallmouth bass fishery.	
Cedar River	Louisa, Muscatine	Iowa River to Highway 6.	26	1982		F, W, C	Two federally listed endangered species of mussel and	

							one federally listed species of bat may be found along the river; potentially rich in cultural resources; nice streamside relief with bluffs and ridges.	
Maquoketa River	Jackson, Jones	Mississippi River to US 151 Bridge (omit small reservoir northwest of Maquoketa)	68	1982		S, R, G, F, W, H, C, O	River cuts narrow, gorge-like valley up to 150 feet deep through limestone; excellent water quality supporting productive smallmouth bass fishery; potentially rich in cultural resources; threatened northern wild monkshood has been found in basin.	
Middle Raccoon River	Gutherie and Dallas	City of Panora to the city of Redfield dam.	15	1995	S	S, R, F, W	A designated Iowa "Protected Water Area." Beautiful canoe route with good access. Excellent smallmouth bass fishing and wildlife viewing.	
Turkey River	Clayton, Fayette, Winneshiek, Howard	Mississippi River to Vernon Springs.	110	1982		S, R, G, F, H, C, O	Gently rolling hills with dense stands of trees; good trout stream; high potential for significant cultural resources; northern wild monkshood, a federally listed endangered species, has	

							been found in the basin.	
Upper Iowa River	Winneshick and Allamakee	City of Kendallville to Highway 76 crossing.	64	1995	W	S, R, G, F, W	A designated "Protected Water Area." The state's most scenic canoe river with towering limestone outcroppings and beautiful riparian habitat. Good bass and trout fishing.	
Wapsipinicon River	Clinton, Scott, Cedar, Jones, Linn, Buchanan, Black Hawk, Bremer	Mississippi River to State Highway 334 at Frederika (omit reservoir northwest of Independence).	195	1982		S, G, F, W, H	A designated Iowa "Protected Water Area." Wide, wooded flood plain with only limited development and agricultural encroachment; wide diversity of fish and wildlife habitat; exposed geologic fault; historically valuable Stone City quarries.	
Yellow River	Allamakee	Entire segment within Effigy Mounds National Monument	1	1982/ 1993	S	S, R, G, W, H, C	One of fastest falling rivers in state, providing excellent fishing and canoeing opportunities. Numerous prehistoric Indian burial mounds. Site of Jefferson Davis Sawmill upstream from boundary.	
Yellow River	Allamakee	Mississippi River to Highway W60 near Myron.	34	1982		S, R, F, W, H, C	Heavily wooded with marked relief, camping and backpacking opportunities; unusual ecological niches and	

							plant life, including the northern wild monkshood, a federally listed threatened plant, has been found in the basin; good fishery; high potential for cultural resources (Effigy Mounds National Monument adjoins near mouth).	