

**DETERMINATION OF LEVEL OF REVIEW  
ENVIRONMENTAL REVIEW RECORD**  
Project Name: Jamaica Rural Water Connection Project  
CDBG Contract Number: 23-WS-011  
Project Location: City of Jamaica

**Project Description** (Attach additional descriptive information, as appropriate to the project, including narrative, maps, photographs, site plans, budgets and other information.): This project will include the construction of an approximately 3,600 LF water main from the existing water treatment facility in Jamaica, to the Xenia Water main that runs in parallel to HWY 141. In addition to the water main, the project will also include the abandonment of the existing water treatment facility and water wells.

*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:**

Dennis Meinecke  
Print Name

Dennis Meinecke  
Signature

Mayor  
Title

Dennis Meinecke Mayor

Date

11-16-23

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.

**Environmental Assessment  
Determinations and Compliance Findings for HUD-assisted Projects  
24 CFR Part 58**

This is a suggested format that may be used by Responsible Entities to document completion of an  
Environmental Assessment.

**Project Information**

**Project Name: Jamaica Rural Water Connection Project**

**Responsible Entity: City of Jamaica, IA**

**Grant Recipient** (if different than Responsible Entity):

**State/Local Identifier:**

**Preparer: Alex Foley, Regional Planner**

**Certifying Officer Name and Title: Dennis Meinecke, Mayor**

**Grant Recipient** (if different than Responsible Entity):

**Consultant** (if applicable):

**Direct Comments to: Alex Foley, Regional Planner, Region XII Council of Governments, 712-792-9914, afoley@region12cog.org**

**Project Location: Between Wiggle St. and Hwy 141 along Wink Ave. in Jamaica, IA.**

**Description of the Proposed Project** [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

This project will include the construction of an approximately 3,600 LF water main from the existing water treatment facility in Jamaica, to the Xenia Water main that runs in parallel to HWY 141. In addition to the water main, the project will also include the abandonment of the existing water treatment facility and water wells.

**Statement of Purpose and Need for the Proposal** [40 CFR 1508.9(b)]:

The purpose of this project is to provide clean affordable water to the residents of Jamaica, IA. The existing water treatment facility and water well are no longer viable options for the City to use due to an Iowa DNR inspection and the most cost effective remedy is to bulk purchase water with Xenia.

**Existing Conditions and Trends** [24 CFR 58.40(a)]:

If the City does not go through with this project then the City will not be in compliance with IDNR water standards and will face monetary consequences.

**Funding Information**

Grant Number	HUD Program	Funding Amount
23-WS-011	CDBG	\$195,000

**Estimated Total HUD Funded Amount:** \$195,000

**Estimated Total Project Cost** (HUD and non-HUD funds) [24 CFR 58.32(d)]:

**Total Cost:** \$1,336,860.00 **HUD Funds:** \$195,000.00 **Non-HUD Funds:** \$1,141,860.00

**Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities**

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

<b>Compliance Factors:</b> Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6</b>		
<b>Airport Hazards</b> 24 CFR Part 51 Subpart D	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	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. Airport map can be found in Appendix A.
<b>Coastal Barrier Resources</b> Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No coastal zone management programs exist in the states of HUD Region VII, as established by Nat'l Oceanic & Atmospheric Administration, Office of Ocean and Coastal Resource Management.
<b>Flood Insurance</b> Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Project is NOT located within a 100 year or 500 year floodplain, so Flood Insurance is not necessary for this project. The Jamaica FIRM can be found in Appendix G. Map Panel Number: 19077C0083D
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 &amp; 58.5</b>		
<b>Clean Air</b> Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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 B.
<b>Coastal Zone Management</b> Coastal Zone Management Act, sections 307(c) & (d)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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. <a href="http://www.coastalmanagement.noaa.gov/mystate/welcome.html">www.coastalmanagement.noaa.gov/mystate/welcome.html</a>
<b>Contamination and Toxic Substances</b> 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Project Location will not be affected by any contaminated or toxic substances. A field inspection, land use search, and review of environmental compliance were conducted using the All sites in proximity were in compliance. All sites in proximity were in compliance according to the previous searches. EPA EnviroMapper also found that all sites in proximity were in compliance. The IDNR storage database for LUST sites was searched and no leaking sites and no tanks were registered on the site. There were also no sites reported on the State of Iowa Contaminated Sites database. Documentation for these searches can be found in Appendix C.
<b>Endangered Species</b> Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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. Species list and habitat information can be found for Iowa by county at: A list of species in the project location county is in Appendix D.
<b>Environmental Justice</b> Executive Order 12898	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Project site 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 person's for a better quality of life. See census statistics in Appendix E and here: <a href="http://www.data.census.gov">www.data.census.gov</a>
<b>Explosive and Flammable Hazards</b> 24 CFR Part 51 Subpart C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Since this project is constructing a new water main within the City of Jamaica, it is exempt from review under this criteria.
<b>Farmlands Protection</b> Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No significant farmland will be impacted by this project because the project location is on the City right-of-way. The farmland classification map can be found in Appendix F and map can also be found here: <a href="http://websoilsurvey.nrcs.usda.gov/app/">http://websoilsurvey.nrcs.usda.gov/app/</a>
<b>Floodplain Management</b> Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Project location is not on the 100 or 500 year floodplain. FIRMette found in Appendix G. Map panel number: 19077C0083D
<b>Historic Preservation</b> National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	According to the State Historic Preservation Office, the project will not impact any historical buildings or landmarks. No mitigation is required. Documentation can be found in Appendix H.
<b>Noise Abatement and Control</b> Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	This project is exempt from noise considerations as it falls under the stormwater purview. Information Sheet C, Page 43 of Appendix 3 of Iowa CDBG Management Guide is located in Appendix I.
<b>Sole Source Aquifers</b> Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Project is NOT located within area of an EPA-designated sole source aquifer. Map found in Appendix J and at <a href="http://www.epa.gov/dwssa/map-sole-source-aquifer-locations">www.epa.gov/dwssa/map-sole-source-aquifer-locations</a>
<b>Wetlands Protection</b> Executive Order 11990, particularly sections 2 and 5	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Project is NOT located within, or has an impact upon, a wetland. Map found in Appendix K and here: <a href="https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/">https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/</a>
<b>Wild and Scenic Rivers</b> Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The project is not located within one (1) mile of a designated Wild & Scenic River. Documentation can be found in Appendix L. and at <a href="http://www.nps.gov/ncrc/programs/rtca/nri/states/ia.html">www.nps.gov/ncrc/programs/rtca/nri/states/ia.html</a>

**Environmental Assessment Factors** [24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and

resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

**Impact Codes:** Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>LAND DEVELOPMENT</b>		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The project will not have any impact on the conformance with comprehensive and neighborhood plans. No mitigation is necessary. (I&S Group, Inc. PER.)
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The project will not have any impact on soil suitability, slope, erosion, drainage, or storm water runoff. No mitigation is necessary. (I&S Group, Inc. PER.)
Hazards and Nuisances including Site Safety and Noise	1	The project will create a source of clean usable water for the City and its residents. No mitigation is necessary. (I&S Group, Inc. PER.)
Energy Consumption	1	The new well will reduce the amount of energy necessary for water treatment by simply tapping into Xenia Rural Water. No mitigation is necessary. (I&S Group, Inc. PER.)

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>SOCIOECONOMIC</b>		
Employment and Income Patterns	2	The project will have no impact on employment or income patterns in the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)

Demographic Character Changes, Displacement	2	The project will have no impact on community demographics with no changes directly related to this project. The project will not cause any residential or commercial displacements within the community. No mitigation is necessary. (I&S Group, Inc. PER.)
Environmental Justice	1	Project site or neighborhood does not suffer from adverse health or environmental effects, which disproportionately impacts a minority or low-income population relative to the community at large. Project will assist low to moderate-income people for a better quality of life. No mitigation is necessary. (I&S Group, Inc. PER.)

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>COMMUNITY FACILITIES AND SERVICES</b>		
Educational and Cultural Facilities	2	There are no educational facilities in Jamaica; therefore, the project will have no impact on any educational facilities. No mitigation is necessary. (I&S Group, Inc. PER.)
Commercial Facilities	2	This project will have no impact on the commercial facilities within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)
Health Care and Social Services	2	This project will have no impact on health care or social service facilities within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)
Solid Waste Disposal / Recycling	2	The project will have no impact on the solid waste facilities within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)
Wastewater / Sanitary Sewers	2	This project will have no impact on the wastewater utility within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)
Water Supply	1	This project will construct a new water main that will connect to Xenia Rural Water via an access port along HWY 141. This will

		increase the city's water supply. No mitigation is necessary. (I&S Group, Inc. PER.)
Public Safety - Police, Fire and Emergency Medical	2	The project will have no impact on the policing or the Emergency Medical services within the City of Jamaica. The project will benefit Fire services, as it will improve the water supply within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)
Parks, Open Space and Recreation	2	The project will have no impact on the Parks, Open Space, or Recreation within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)
Transportation and Accessibility	2	The project will have no impact on transportation within the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>NATURAL FEATURES</b>		
Unique Natural Features, Water Resources	2	The project will have no impact on the unique natural features within the community. No mitigation is necessary. (I&S Group, Inc. PER.)
Vegetation, Wildlife	2	The Project will have no impact on vegetation and wildlife. No mitigation is necessary. (FWS Wetlands Map Aerial in Appendix K.)
Other Factors	2	The project will have no impact on other natural features within the community. No mitigation is necessary. (FWS Wetlands Map Aerial in Appendix K.)

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>CLIMATE CHANGE / ENERGY</b>		
Impact on occupants, alteration of future site, effect on/from weather related disasters	2	This project will have no impact on the occupants within the City of Jamaica. The project will not alter any future sites of development. This project will not have any impact on how weather-related disasters affect the City of Jamaica. No mitigation is necessary. (I&S Group, Inc. PER.)

Energy efficiency, Green building practices	2	The most efficient materials will be utilized during construction and the system is designed to reduce waste. (I&S Group, Inc. PER.)
Energy usage, Emissions	2	This project will be replacing the water source in the city's water system, which will provide little to no change in energy usage by the City. No mitigation is necessary. (I&S Group, Inc. PER.)

**Additional Studies Performed:**

**A preliminary engineering report was completed: Preliminary Engineering Report Water System Improvements, City of Jamaica, IA September 2018 by I&S Group, Inc.**

**Field Inspection** (Date and completed by): **Alex Foley, Regional Planner July 11, 2023**

**List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:**

Iowa DNR  
City of Jamaica  
Fish and Wildlife Services  
I&S Group, Inc.  
State Historic Preservation Office

**List of Permits Obtained:**

State of Iowa DNR Water Supply Construction Permit

**Public Outreach [24 CFR 50.23 & 58.43]:**

A public hearing was conducted to give the public an opportunity to provide input on the project. No questions or comments were received before or during the hearing.

**Cumulative Impact Analysis [24 CFR 58.32]:**

Overall, this project will have no adverse environmental impact. There are no concerns with contaminated substances. No endangered species will be impacted by the project.

**Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]**

I & S Group, the city's engineer, explored 6 options for water system improvements. From the attached engineering report, the city is pursuing Option #5 via this application. Option 6 was eliminated right away because the sizes of Jamaica's neighboring communities are too small and the cost of improving their water output and physically connecting to their systems was too great for the City to afford. Options 1 through 4 were initially considered and agreed upon as the proposed course of action; Option 1 would be the first phase of the project then Options 2, 3, and 4 would have been completed under future project phases. However, after receiving bids for Option 1, it was determined that that course of action would be too costly for the City and that after discussion between the City Council, Mayor, and engineer from I & S Group, Option #5 (a connection to Xenia Rural Water) was the most cost effective and achievable option.

**No Action Alternative [24 CFR 58.40(e)]:**

The no action alternative would require the City of Jamaica to only rely on the one functioning water well in town. This would not provide enough clean water supply to the city and its residents and the city's water supply would be non-compliant with Iowa DNR. Although this alternative would be the cheapest option, this alternative presents hazards to the community's health and safety, and it was not selected.

**Summary of Findings and Conclusions:**

Overall, this project will have little to no impact on the community, its natural resources, the local climate, or other evaluated areas. Any impact that this project will have on the community will be beneficial in nature which leads to no mitigation measures being necessary.

**Mitigation Measures and Conditions [40 CFR 1505.2(c)]**


Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure


**Determination:**

☒ **Finding of No Significant Impact** [24 CFR 58.40(g)(1); 40 CFR 1508.27]  
The project will not result in a significant impact on the quality of the human environment.

☐ **Finding of Significant Impact** [24 CFR 58.40(g)(2); 40 CFR 1508.27]  
The project may significantly affect the quality of the human environment.

Preparer Signature:  Date: 11/16/2023

Name/Title/Organization: Alex Foley, Regional Planner, Region XII Council of Governments

Certifying Officer Signature:  Date: 11/16/2023

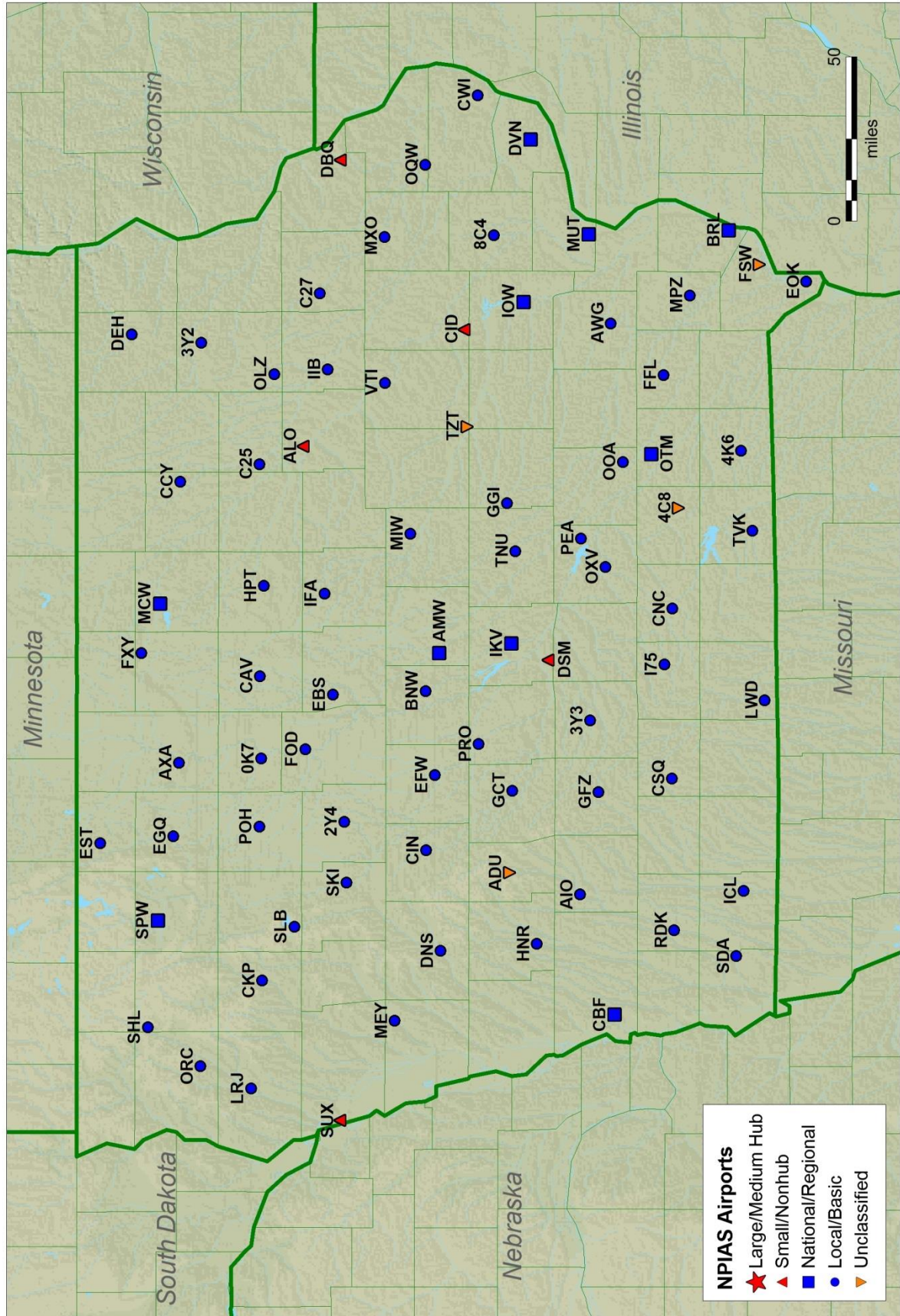
Name/Title: Dennis Meinecke, Mayor of Jamaica

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).



# Appendix A

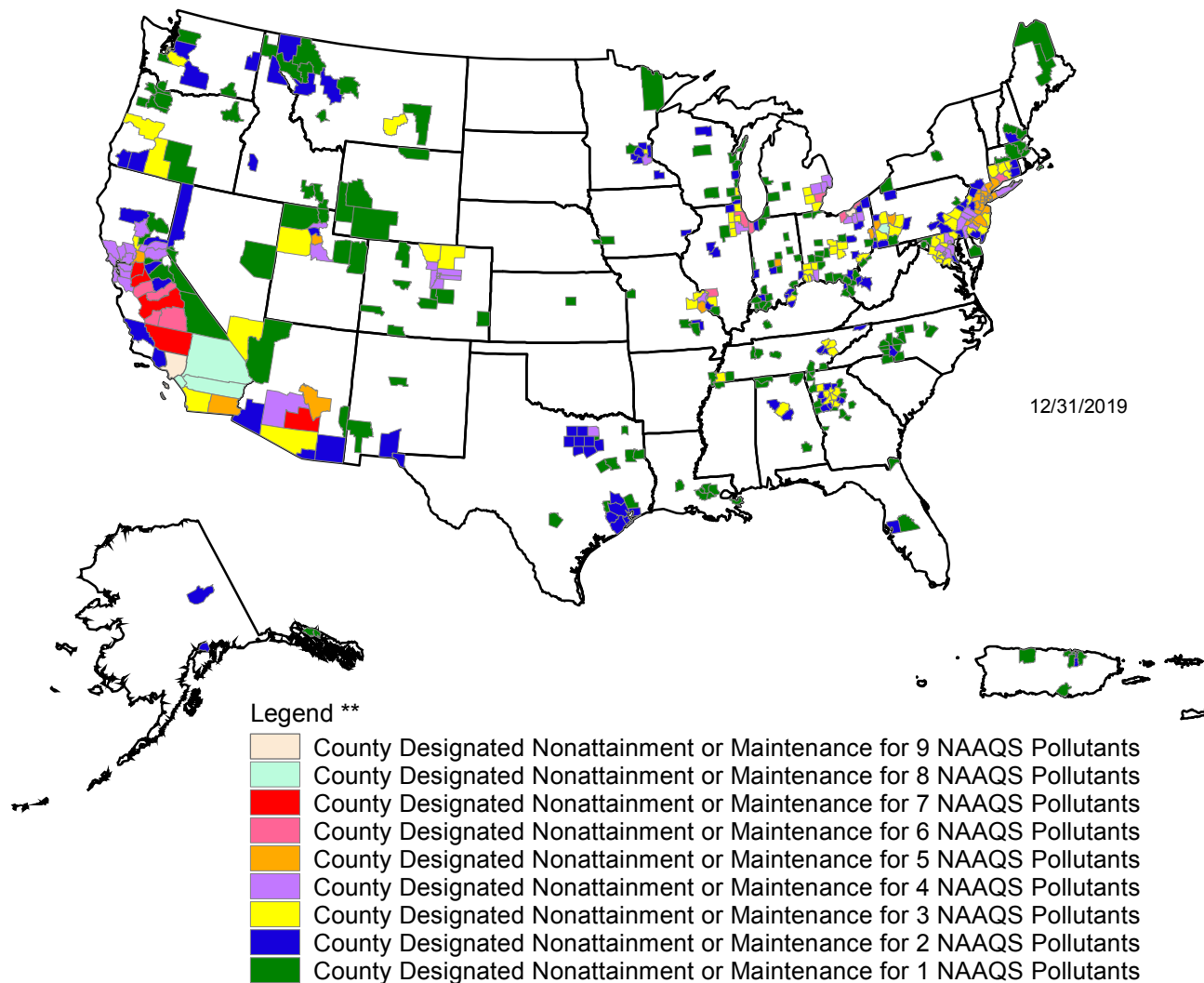
# Iowa



# Appendix B

# Counties Designated "Nonattainment" or "Maintenance"

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



Guam - Piti and Tanguisson power stations are designated nonattainment for the SO<sub>2</sub> (1971) NAAQS

Piti and Cabras power stations are designated nonattainment for the SO<sub>2</sub> (2010) NAAQS

\* 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 C



You are here [Home](#) > [Facilities](#) > [Facility Search](#) > [Facility Search Results](#)

# 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

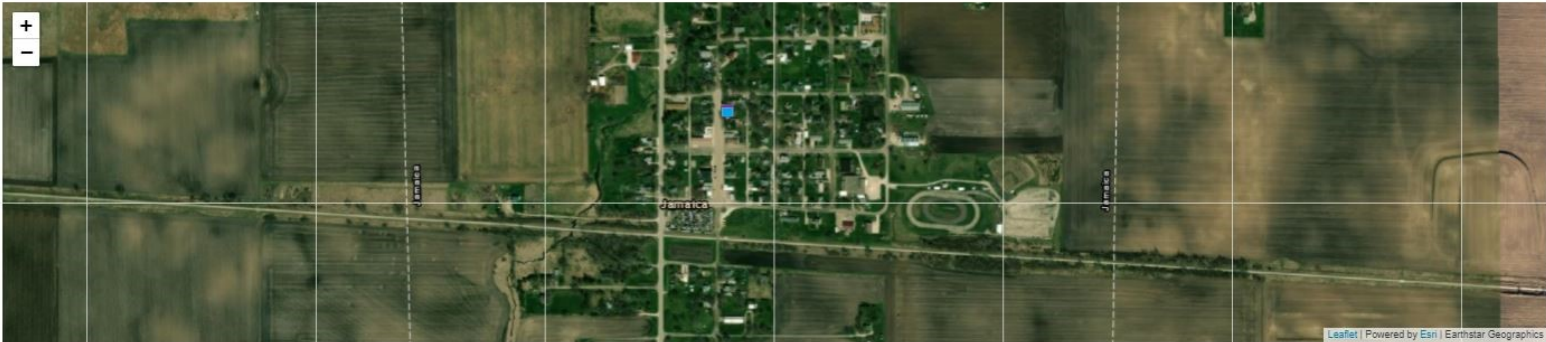
Map Legend

Basemap Options

Zoom To

jamaica, ia

Sync Map and Table



Leaflet | Powered by Esri | Earthstar Geographics

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)	Formal Enforcement Actions (5 years)
<a href="#">JAMAICA WATER SUPPLY</a>		---	JAMAICA	IA	110013105335		0	No	4	0

Facility Summary

Select a facility row from the search results table.

Current Search

1 Facilities Found

Selected Criteria

Search Type: All Data

City, State, and/or ZIP Code: jamaica, ia

Active/Operating: Yes

Explore Enforcement and Compliance Criteria

☐ 0 Facilities with Current Violations

☐ 0 Facilities with Significant Violations

☐ 1 Facilities with Violations (3 years)

☐ 0 Facilities with Formal Enforcement Actions (5 years)

☐ 1 Facilities with Informal Enforcement Actions (5 years)

Modify Search

Filter Facilities

Not Filtering on 1 Facilities

☒ Only Show Matches

Facility Characteristics

Facility Type

☐ 0 Major ☐ 1 Minor

Facility Permit/ID

☐ 0 Has Water Permit (ICIS-NPDES) ☐ 0 Has ICIS-Air ID ☐ 0 Has RCRA ID

☐ 0 Has TRI Releases

# 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  entriesSearch: 

ID	Name	Address	City	Program
No matching records found				
	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Jamaica"/>	<input type="text" value="-- (All) --"/>

Showing 0 to 0 of 0 entries (filtered from 2,363 total entries)

[Previous](#) [Next](#)[State of Iowa \(https://www.iowa.gov\)](https://www.iowa.gov) [DNR Home \(https://www.iowadnr.gov\)](https://www.iowadnr.gov) [Site Policy \(https://www.iowa.gov/pages/policies\)](https://www.iowa.gov/pages/policies)

Leading Iowans in caring for our natural resources

Version: 3.6.1.5060





# IOWA DEPARTMENT OF NATURAL RESOURCES

## Underground Storage Tanks Database

8/8/2023 2:43 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: --Risk Classification-- ▼

Site Name:

Site Address:

Site City: JAMAICA ▼

County: Guthrie ▼

Site Status: --Status Type-- ▼

[Search](#)

[Export Results](#)

1					
	<a href="#">Leak #</a>	<a href="#">Leak Classification</a>	<a href="#">Registration #</a>	<a href="#">Name</a>	<a href="#">Address</a>
↻	8LTX94	No Action Required	198602259	THE PIT STOP	421 MAIN ST Jamaica, IA 50128-7703
↻	9LTS44	None	198602259	THE PIT STOP	421 MAIN ST Jamaica, IA 50128-7703
1					

**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](mailto: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

## Underground Storage Tanks Database

8/8/2023 2:46 PM user: [Login](#)

**Advanced** search Leak Number ▼ for  [Go](#)

Leak #: 8LTX94 Registration #: 198602259 Name: THE PIT STOP  
Address: 421 MAIN ST City: Jamaica Zip: 50128-7703 FO: 4

<b>LUST</b>	Location	Affiliates	Initial Release	Cost Admin	Contract	28e	Certification	UST Site	GWP	Tracking Summary	Initial Tracking	Tier 1
Tier 2	Tier 3	Free Product	Bedrock	Classification	SMR	Remediation	CA/Tier 3	Documents				

### - LUST Detail

Leak No.:*	<input type="text" value="8LTX94"/>	Lead:*	<input style="background-color: #f0f0f0;" type="text" value="State Fund"/>
Record Date:	<input type="text" value="01/19/1994"/>	Staff:	<input style="background-color: #f0f0f0;" type="text" value="--Staff--"/>
Start Date:*	<input type="text" value="01/19/1994"/>	Coordinator:	<input style="background-color: #f0f0f0;" type="text" value="Verne Schrunk"/>
Date Reported:	<input type="text" value="01/19/1994"/>		
Date Discovered:	<input type="text" value="01/06/1994"/>	Time:	<input type="text" value="UNK"/>
Date Occurred:	<input type="text"/>	Time:	<input type="text" value="UNK"/>
Spill #:	<input type="text"/>		
Spill Date:	<input type="text"/>		



# IOWA DEPARTMENT OF NATURAL RESOURCES

## Underground Storage Tanks Database

8/8/2023 2:46 PM user: [Login](#)

[Advanced](#) search  for  [Go](#)

Leak #: 9LTS44 Registration #: 198602259 Name: THE PIT STOP  
Address: 421 MAIN ST City: Jamaica Zip: 50128-7703 FO: 4

<b>LUST</b>	Location	Affiliates	Initial Release	Cost Admin	Contract	28e	Certification	UST Site	GWP	Tracking Summary	Initial Tracking	Tier 1
Tier 2	Tier 3	Free Product	Bedrock	Classification	SMR	Remediation	CA/Tier 3	Documents				

### LUST Detail

Leak No.:*	<input type="text" value="9LTS44"/>	Lead:*	<input type="text" value="NFA Reopener"/>
Record Date:	<input type="text" value="07/16/2019"/>	Staff:	<input type="text" value="Tammy Vander Bloemen"/>
Start Date:*	<input type="text" value="07/16/2019"/>	Coordinator:	<input type="text" value="Tammy Vander Bloemen"/>
Date Reported:	<input type="text" value="06/17/2019"/>		
Date Discovered:	<input type="text" value="05/10/2019"/>	Time:	<input type="text"/>
Date Occurred:	<input type="text"/>	Time:	<input type="text"/>
Spill #:	<input type="text"/>		
Spill Date:	<input type="text"/>		

# Appendix D



# 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:  
Project Code: 2023-0114000  
Project Name: Jamaica Rural Water Connection

August 08, 2023

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

To Whom It May Concern:

The attached species list identifies 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.

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 ECOSPHERE Information for Planning and Consultation (IPaC) website <https://ipac.ecosphere.fws.gov> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list.

## **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 U.S. Fish and Wildlife Service (Service) if they determine their project "may affect" listed species or designated critical habitat. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action may affect endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service to make "no effect" determinations. If you determine that your proposed action will have

no effect on threatened or endangered species or their respective designated critical habitat, you do not need to seek concurrence with the Service.

**Note:** For some species or projects, IPaC will present you with *Determination Keys*. You may be able to use one or more Determination Keys to conclude consultation on your action.

### ***Technical Assistance for Listed Species***

1. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain information on the species life history, species status, current range, and other documents by selecting the species from the thumbnails or list view and visiting the species profile page.
-

### ***No Effect Determinations for Listed Species***

1. If there are *no* species or designated critical habitats on the Endangered Species portion of the species list: conclude "no species and no critical habitat present" and document your finding in your project records. No consultation under ESA section 7(a)(2) is required if the action would result in no effects to listed species or critical habitat. Maintain a copy of this letter and IPaC official species list for your records.
2. If any species or designated critical habitat are listed as potentially present in the **action area** of the proposed project the project proponents are responsible for determining if the proposed action will have "no effect" on any federally listed species or critical habitat. No effect, with respect to species, means that no individuals of a species will be exposed to any consequence of a federal action or that they will not respond to such exposure.
3. If the species habitat is not present within the action area or current data (surveys) for the species in the action area are negative: conclude "no species habitat or species present" and document your finding in your project records. For example, if the project area is located entirely within a "developed area" (an area that is already graveled/paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping, is located within an existing maintained facility yard, or is in cultivated cropland conclude no species habitat present. Be careful when assessing actions that affect: 1) rights-of-ways that contains natural or semi-natural vegetation despite periodic mowing or other management; structures that have been known to support listed species (example: bridges), and 2) surface water or groundwater. Several species inhabit rights-of-ways, and you should carefully consider effects to surface water or groundwater, which often extend outside of a project's immediate footprint.
4. Adequacy of Information & Surveys - Agencies may base their determinations on the best evidence that is available or can be developed during consultation. Agencies must give the benefit of any doubt to the species when there are any inadequacies in the information. Inadequacies may include uncertainty in any step of the analysis. To provide adequate information on which to base a determination, it may be appropriate to conduct surveys to determine whether listed species or their habitats are present in the action area. Please contact our office for more information or see the survey guidelines that the Service has made available in IPaC.

### ***May Effect Determinations for Listed Species***

1. If the species habitat is present within the action area and survey data is unavailable or inconclusive: assume the species is present or plan and implement surveys and interpret results in coordination with our office. If assuming species present or surveys for the species are positive continue with the may affect determination process. May affect, with respect to a species, is the appropriate conclusion when a species might be exposed to a consequence of a federal action and could respond to that exposure. For critical habitat,
-



'may affect' is the appropriate conclusion if the action area overlaps with mapped areas of critical habitat and an essential physical or biological feature may be exposed to a consequence of a federal action and could change in response to that exposure.

2. Identify stressors or effects to the species and to the essential physical and biological features of critical habitat that overlaps with the action area. Consider all consequences of the action and assess the potential for each life stage of the species that occurs in the action area to be exposed to the stressors. Deconstruct the action into its component parts to be sure that you do not miss any part of the action that could cause effects to the species or physical and biological features of critical habitat. Stressors that affect species' resources may have consequences even if the species is not present when the project is implemented.
3. If no listed or proposed species will be exposed to stressors caused by the action, a 'no effect' determination may be appropriate – be sure to separately assess effects to critical habitat, if any overlaps with the action area. If you determined that the proposed action or other activities that are caused by the proposed action may affect a species or critical habitat, the next step is to describe the manner in which they will respond or be altered. Specifically, to assess whether the species/critical habitat is "not likely to be adversely affected" or "likely to be adversely affected."
4. Determine how the habitat or the resource will respond to the proposed action (for example, changes in habitat quality, quantity, availability, or distribution), and assess how the species is expected to respond to the effects to its habitat or other resources. Critical habitat analyses focus on how the proposed action will affect the physical and biological features of the critical habitat in the action area. If there will be only beneficial effects or the effects of the action are expected to be insignificant or discountable, conclude "may affect, not likely to adversely affect" and submit your finding and supporting rationale to our office and request concurrence.
5. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, check IPaC for species-specific Section 7 guidance and conservation measures to determine whether there are any measures that may be implemented to avoid or minimize the negative effects. If you modify your proposed action to include conservation measures, assess how inclusion of those measures will likely change the effects of the action. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, contact our office for assistance.
6. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

For additional information on completing Section 7 Consultation including a Glossary of Terms

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used in the Section 7 Process, information requirements for completing Section 7, and example letters visit the Midwest Region Section 7 Consultations website at: <https://www.fws.gov/office/midwest-region-headquarters/midwest-section-7-technical-assistance>.

You may find more specific information on completing Section 7 on communication towers and transmission lines on the following websites:

- Incidental Take Beneficial Practices: Power Lines - <https://www.fws.gov/story/incidental-take-beneficial-practices-power-lines>
- Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning. - <https://www.fws.gov/media/recommended-best-practices-communication-tower-design-siting-construction-operation>

### ***Northern Long-eared Bat Update***

Please note that on March 23, 2022, the Service published a proposal to reclassify the northern long-eared bat (NLEB) as endangered under the Endangered Species Act. The U.S. District Court for the District of Columbia has ordered the Service to complete a new final listing determination for the NLEB by November 2022 (Case 1:15-cv-00477, March 1, 2021). The bat, currently listed as threatened, faces extinction due to the range-wide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across the continent. The proposed reclassification, if finalized, would remove the current 4(d) rule for the NLEB, as these rules may be applied only to threatened species. Depending on the type of effects a project has on NLEB, the change in the species' status may trigger the need to re-initiate consultation for any actions that are not completed and for which the Federal action agency retains discretion once the new listing determination becomes effective (anticipated to occur by December 30, 2022). If your project may result in incidental take of NLEB after the new listing goes into effect this will first need to be addressed in an updated consultation that includes an Incidental Take Statement. If your project may require re-initiation of consultation, please contact our office for additional guidance.

Other Trust Resources and Activities

### ***Bald and Golden Eagles***

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act, 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, please contact our office for further coordination. For more information on permits and other eagle information visit our website <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>.

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

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

- Migratory Birds
- 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

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## PROJECT SUMMARY

Project Code: 2023-0114000

Project Name: Jamaica Rural Water Connection

Project Type: Water Supply Pipeline - New Constr - Below Ground

Project Description: Connect the City of Jamaica to Xenia Rural Water via a 3,600 FT water main from the City's water treatment facility to the Xenia Rural Water access point along HWY 141.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.838906,-94.3092799,14z>



Counties: Guthrie County, Iowa

## 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<sup>1</sup>, 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 <i>Myotis sodalis</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/5949">https://ecos.fws.gov/ecp/species/5949</a>	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

## INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

# 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.

## MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

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1. The [Migratory Birds Treaty Act](#) of 1918.
  2. The [Bald and Golden Eagle Protection Act](#) of 1940.
  3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

MIGRATORY BIRD INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

## MIGRATORY BIRDS FAQ

**Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.**

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?**

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as

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occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

### **What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

### **How do I know if a bird is breeding, wintering or migrating in my area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

### **What are the levels of concern for migratory birds?**

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can



implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

### **Details about birds that are potentially affected by offshore projects**

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

### **What if I have eagles on my list?**

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

### **Proper Interpretation and Use of Your Migratory Bird Report**

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

## **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.

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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.

WETLAND INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED.  
PLEASE VISIT [HTTPS://WWW.FWS.GOV/WETLANDS/DATA/MAPPER.HTML](https://www.fws.gov/wetlands/data/mapper.html) OR CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

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**IPAC USER CONTACT INFORMATION**

Agency: Region XII Council of Governments

Name: Alexander Foley

Address: 1009 E. Anthony St

Address Line 2: P.O. Box 768

City: Carroll

State: IA

Zip: 51401

Email: afoley@region12cog.org

Phone: 7127929914

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# Appendix E

# EJScreen Community Report

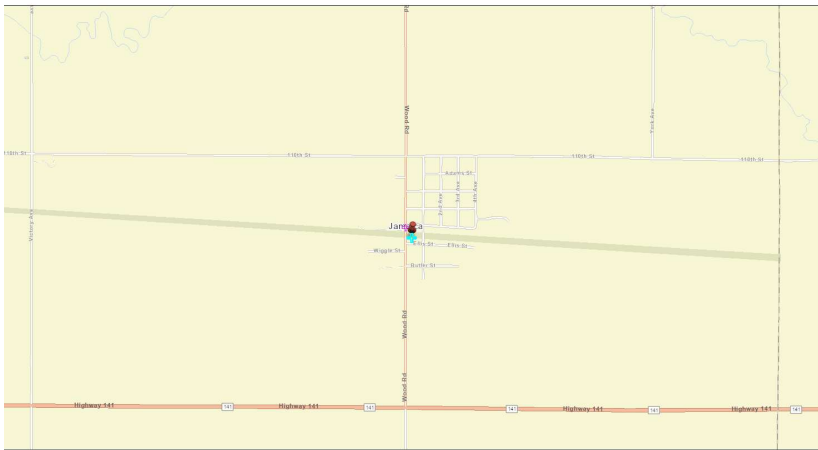
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

## Jamaica, IA

1 mile Ring Centered at 41.844273,-94.308898

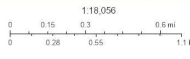
Population: 205

Area in square miles: 3.14



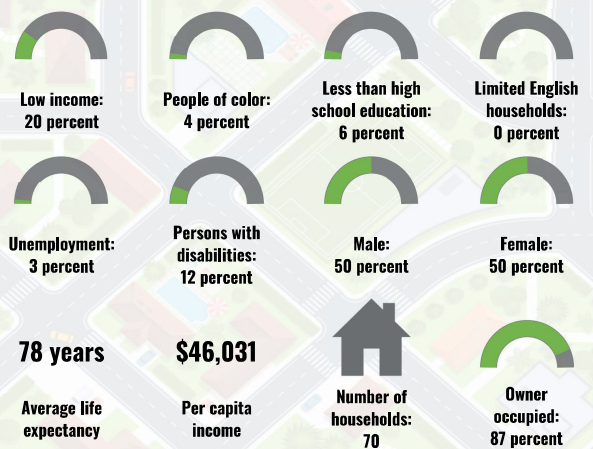
Jul 8, 2023

Jamaica Rural Water  
Search Result (point)

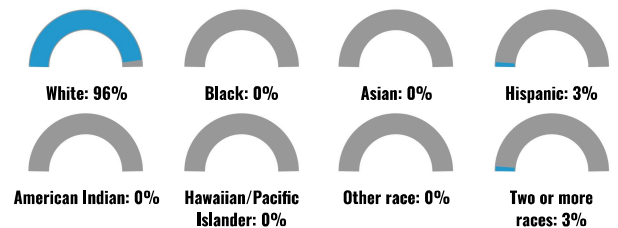


Env Community Map Contributors: Iowa DNR, Env. HERE, Garmin, SatNav, GeoTechnology, Inc, METRADA, USGS, EPA, NPS, US Census Bureau, USDA

### COMMUNITY INFORMATION



### BREAKDOWN BY RACE



### BREAKDOWN BY AGE



### LIMITED ENGLISH SPEAKING BREAKDOWN



### LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

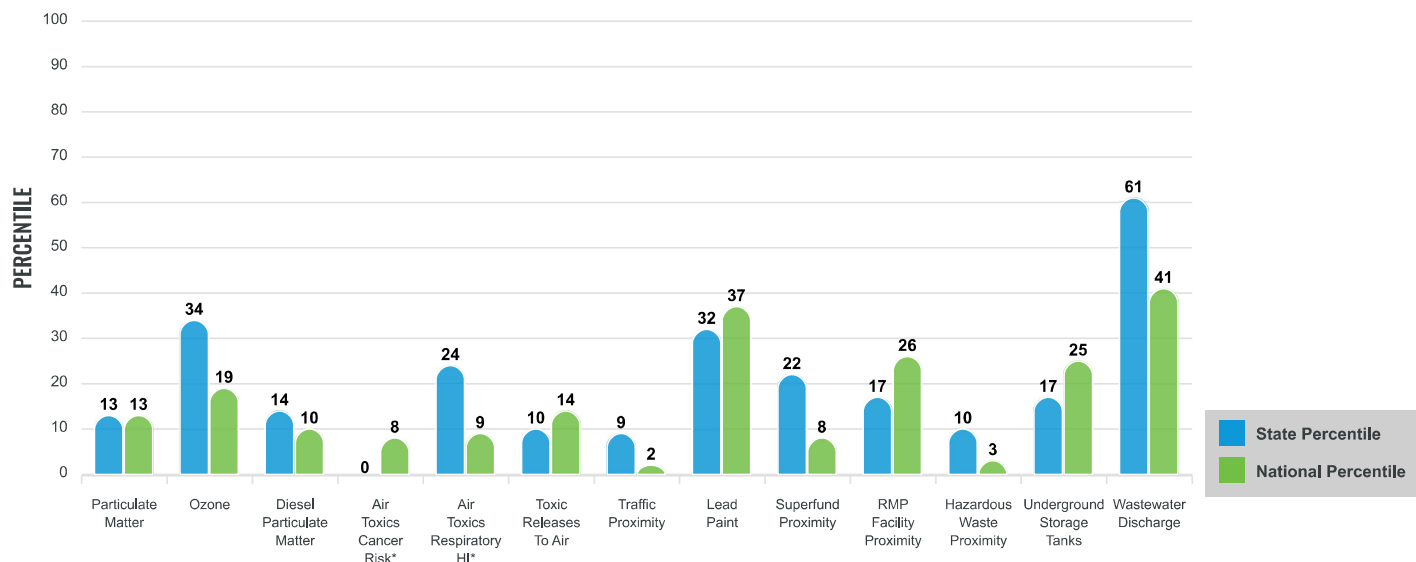
# Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

## EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

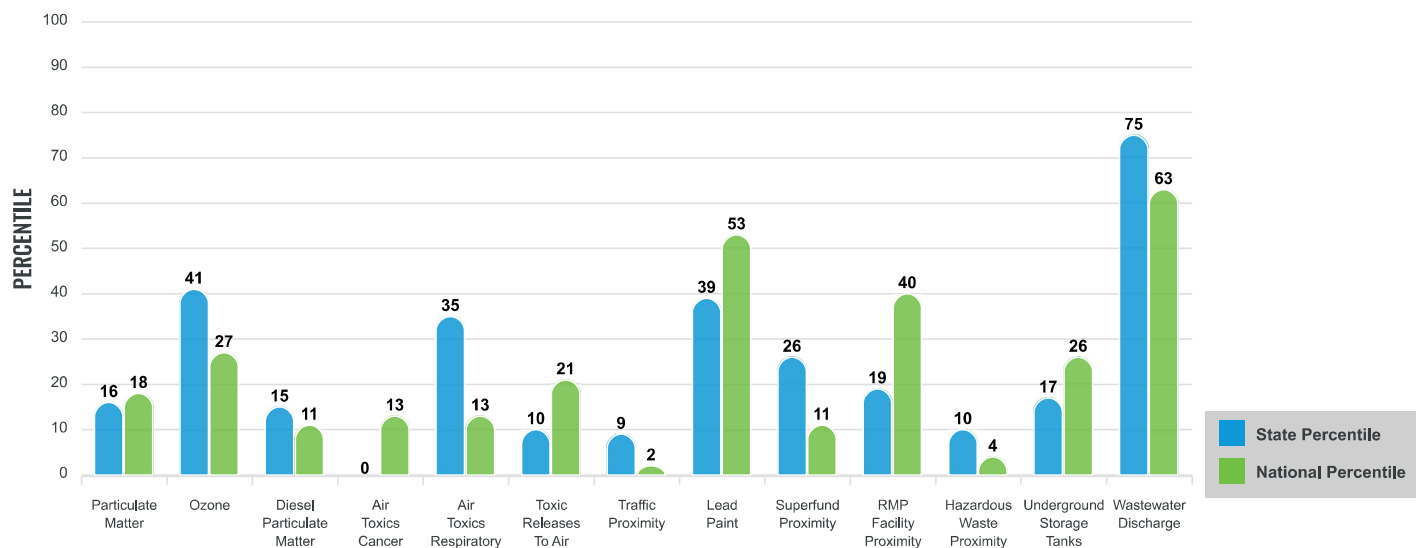
### EJ INDEXES FOR THE SELECTED LOCATION



## SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

### SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 1 mile Ring Centered at 41.844273,-94.308898

# EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
<b>POLLUTION AND SOURCES</b>					
Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	6.89	7.63	17	8.08	18
Ozone (ppb)	58.7	58.8	44	61.6	29
Diesel Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	0.0909	0.158	15	0.261	13
Air Toxics Cancer Risk* (lifetime risk per million)	20	21	0	28	3
Air Toxics Respiratory HI*	0.2	0.21	3	0.31	4
Toxic Releases to Air	84	2,800	11	4,600	22
Traffic Proximity (daily traffic count/distance to road)	0.54	140	9	210	2
Lead Paint (% Pre-1960 Housing)	0.4	0.45	41	0.3	66
Superfund Proximity (site count/km distance)	0.016	0.094	28	0.13	13
RMP Facility Proximity (facility count/km distance)	0.13	0.72	17	0.43	41
Hazardous Waste Proximity (facility count/km distance)	0.034	0.42	12	1.9	5
Underground Storage Tanks (count/km <sup>2</sup> )	0.01	1.9	15	3.9	22
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.055	0.28	93	22	79
<b>SOCIOECONOMIC INDICATORS</b>					
Demographic Index	12%	22%	23	35%	13
Supplemental Demographic Index	10%	12%	36	14%	32
People of Color	4%	15%	26	39%	10
Low Income	20%	29%	32	31%	36
Unemployment Rate	3%	4%	58	6%	46
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	6%	8%	50	12%	39
Under Age 5	2%	6%	13	6%	22
Over Age 64	32%	18%	93	17%	91
Low Life Expectancy	20%	19%	59	20%	52

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

## Sites reporting to EPA within defined area:

Superfund .....	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities .....	0
Water Dischargers .....	0
Air Pollution .....	0
Brownfields .....	0
Toxic Release Inventory .....	0

## Other community features within defined area:

Schools .....	0
Hospitals .....	0
Places of Worship .....	1

## Other environmental data:

Air Non-attainment .....	No
Impaired Waters .....	No

Selected location contains American Indian Reservation Lands* .....	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community .....	No
Selected location contains an EPA IRA disadvantaged community .....	No

Report for 1 mile Ring Centered at 41.844273,-94.308898

# EJScreen Environmental and Socioeconomic Indicators Data

## HEALTH INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	20%	19%	59	20%	52
Heart Disease	7.6	6.5	77	6.1	78
Asthma	9.1	9.4	34	10	27
Cancer	8.5	6.8	90	6.1	93
Persons with Disabilities	10.6%	12.5%	35	13.4%	36

## CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	11%	11%	59	12%	70
Wildfire Risk	0%	2%	0	14%	0

## CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	13%	16%	42	14%	56
Lack of Health Insurance	2%	5%	19	9%	14
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Footnotes

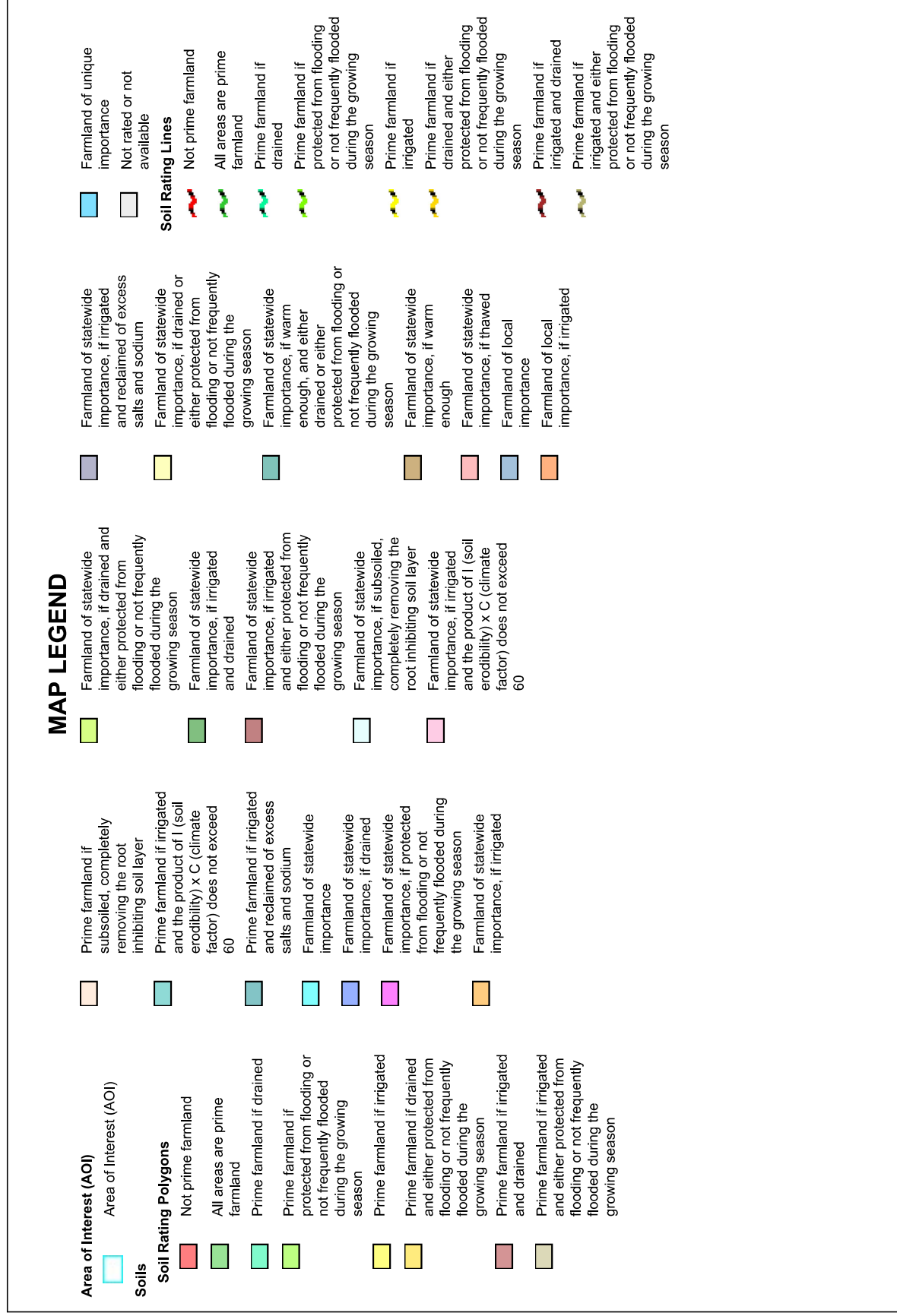
Report for 1 mile Ring Centered at 41.844273,-94.308898


































# Appendix F

Farmland Classification—Guthrie County, Iowa  
(Jamaica Rural Water Connection)


























Farmland Classification—Guthrie County, Iowa  
(Jamaica Rural Water Connection)

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

# Farmland Classification—Guthrie County, Iowa (Jamaica Rural Water Connection)

<p> Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if irrigated and drained</p> <p> Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer</p> <p> Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60</p>		<p> Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium</p> <p> Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if warm enough</p> <p> Farmland of statewide importance, if thawed</p> <p> Farmland of local importance</p> <p> Farmland of local importance, if irrigated</p>		<p> Farmland of unique importance</p> <p> Not rated or not available</p> <p><b>Water Features</b></p> <p> Streams and Canals</p> <p><b>Transportation</b></p> <p> Rails</p> <p> Interstate Highways</p> <p> US Routes</p> <p> Major Roads</p> <p> Local Roads</p> <p><b>Background</b></p> <p> Aerial Photography</p>		<p>The soil surveys that comprise your AOI were mapped at 1:15,800.</p> <p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service</p> <p>Web Soil Survey URL: <a href="https://websoilsurvey.sc.egov.usda.gov/">https://websoilsurvey.sc.egov.usda.gov/</a></p> <p>Coordinate System: Web Mercator (EPSG:3857)</p> <p>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.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Guthrie County, Iowa</p> <p>Survey Area Data: Version 31, Sep 6, 2022</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: May 4, 2021—Jun 4, 2021</p> <p>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.</p>	
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## Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
L55	Nicollet loam, 1 to 3 percent slopes	All areas are prime farmland	0.8	65.2%
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	Prime farmland if drained	0.1	4.3%
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	All areas are prime farmland	0.2	13.5%
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	Prime farmland if drained	0.2	17.0%
<b>Totals for Area of Interest</b>			<b>1.2</b>	<b>100.0%</b>

## 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

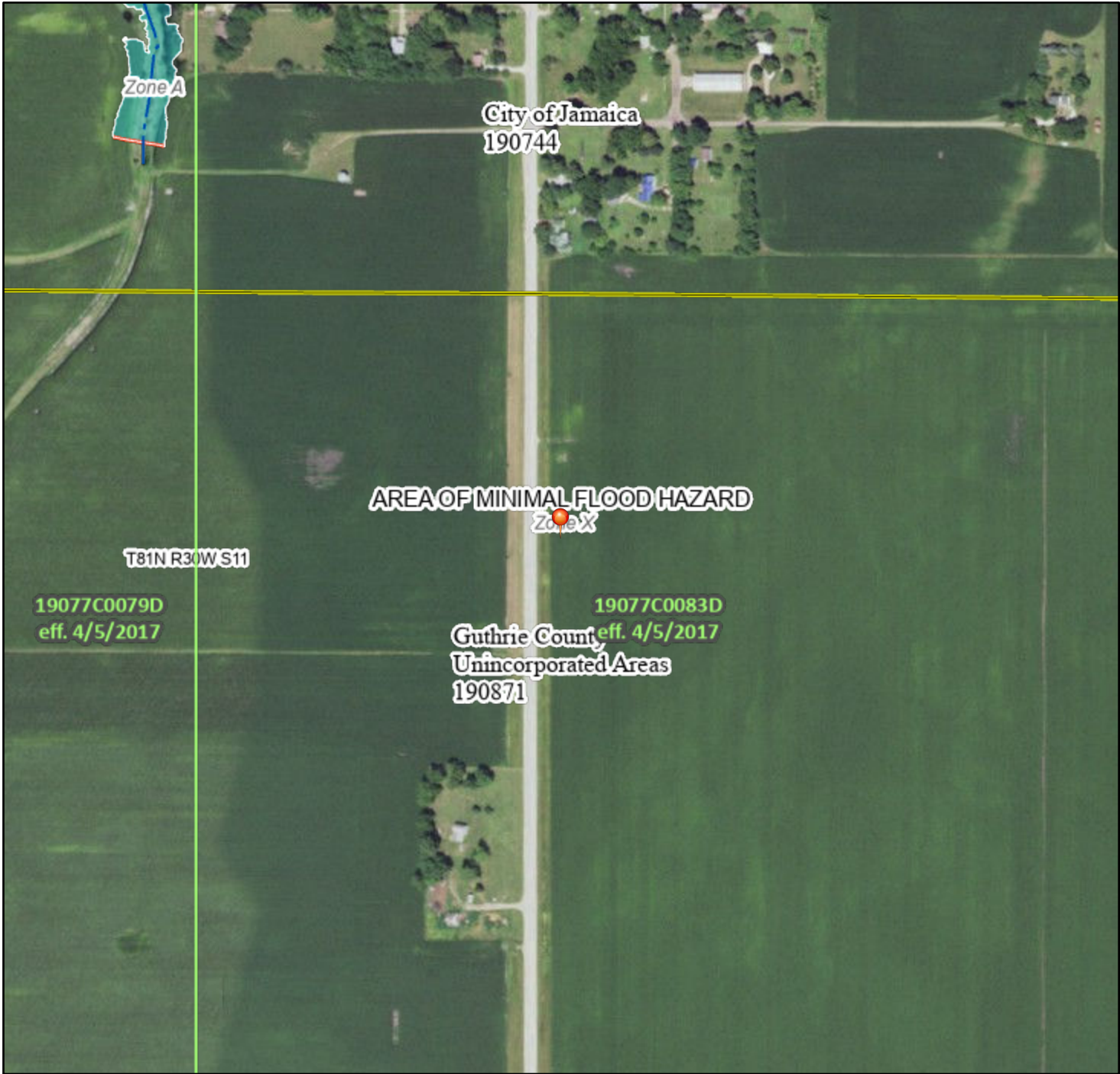
# Appendix G



# National Flood Hazard Layer FIRMMette



94°18'51"W 41°50'37"N



1:6,000

94°18'14"W 41°50'10"N

Basemap Imagery Source: USGS National Map 2023

## Legend

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

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
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/8/2023 at 3:31 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



# Appendix H

## Alex Foley

---

**From:** Mayne, Jean <jean.mayne@dnr.iowa.gov>  
**Sent:** Tuesday, November 30, 2021 1:12 PM  
**To:** Alex Foley  
**Subject:** Fwd: R&C 211139581 - EPA - Guthrie - Jamaica Well and Water Treatment Project - The proposed project includes construction of a new well, rehabilitation of existing wells, and construction of a new water treatment facility to remove arsenic, manganese,...

Alex,

Whew! The project has cleared SHPO. I'll get you the whole submittals in a little bit.



**Jean Mayne, CPM• Environmental Specialist**

Water Quality Bureau

***Iowa Department of Natural Resources***

**o 515-725-0487**

502 E 9th St. Des Moines, IA 50319



**INVESTING IN IOWA'S WATER | [www.iowasrf.com](http://www.iowasrf.com)**

----- Forwarded message -----

**From:** Sara Andre <[sara.andre@iowa.gov](mailto:sara.andre@iowa.gov)>

**Date:** Mon, Nov 29, 2021 at 2:11 PM

**Subject:** R&C 211139581 - EPA - Guthrie - Jamaica Well and Water Treatment Project - The proposed project includes construction of a new well, rehabilitation of existing wells, and construction of a new water treatment facility to remove arsenic, manganese, and iron. The project also includes a new water tower adjacent an existing water tower. Various utility and piping alterations are planned to accommodate these new structures. The existing water tower, which has significant damage due to natural deterioration (as seen in the attached photos), will be demolished.

**To:** [jean.mayne@dnr.iowa.gov](mailto:jean.mayne@dnr.iowa.gov) <[jean.mayne@dnr.iowa.gov](mailto:jean.mayne@dnr.iowa.gov)>

**Cc:** [shpo106@iowa.gov](mailto:shpo106@iowa.gov) <[shpo106@iowa.gov](mailto:shpo106@iowa.gov)>

We have received your submittal for the above referenced federal undertaking. We provide the following response in accordance with Section 106 of the National Historic Preservation Act of 1966 and its implementing regulations 36 CFR 800.

Regarding this project, please see the following comments:

**R&C 211139581 - EPA - Guthrie - Jamaica Well and Water Treatment Project** - The proposed project includes construction of a new well, rehabilitation of existing wells, and construction of a new water treatment facility to remove arsenic, manganese, and iron. The project also includes a new water tower adjacent an existing water tower. Various utility and piping alterations are planned to accommodate these new structures. The existing water tower, which has significant damage due to natural deterioration (as seen in the attached photos), will be demolished.

- Concur with the federal agency and/or their designated representative (No Historic Properties Affected - No Properties)

You will not receive a hard copy of this email. It is the submitter's responsibility to maintain the official file of record. If you have any questions or comments, please feel free to contact our office.

Kind regards,

Sara André  
Architectural Historian  
State Historic Preservation Office  
[sara.andre@iowa.gov](mailto:sara.andre@iowa.gov) | 515-242-6157 | [iowaculture.gov](http://iowaculture.gov)

Iowa Arts Council | Produce Iowa | State Historical Society of Iowa

Iowa Department of Cultural Affairs 

## 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: Jamaica Water Supply Upgrade
- b. Property Street & Number: See Map
- c. County: Guthrie City: Jamaica Zip: 50128
- d. Federal Agency: IDNR/SRF Federal Funding Program/Permit: IDNR/SRF
- e. Agency Project No.: FS-39-20-DWSRF-017
- f. Contact Person on Project: Jean Mayne Phone: (515) 725-0487
- g. Contact Address: 502 E. 9<sup>th</sup> 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 1.5
- 4) Legal location: Section(s) 11 Township(s) 81 N Range(s) 30W
- 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: \_\_\_\_\_  
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: \_\_\_\_\_

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

Version: 12/18/02

# Appendix I

# **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/xingqryloc.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

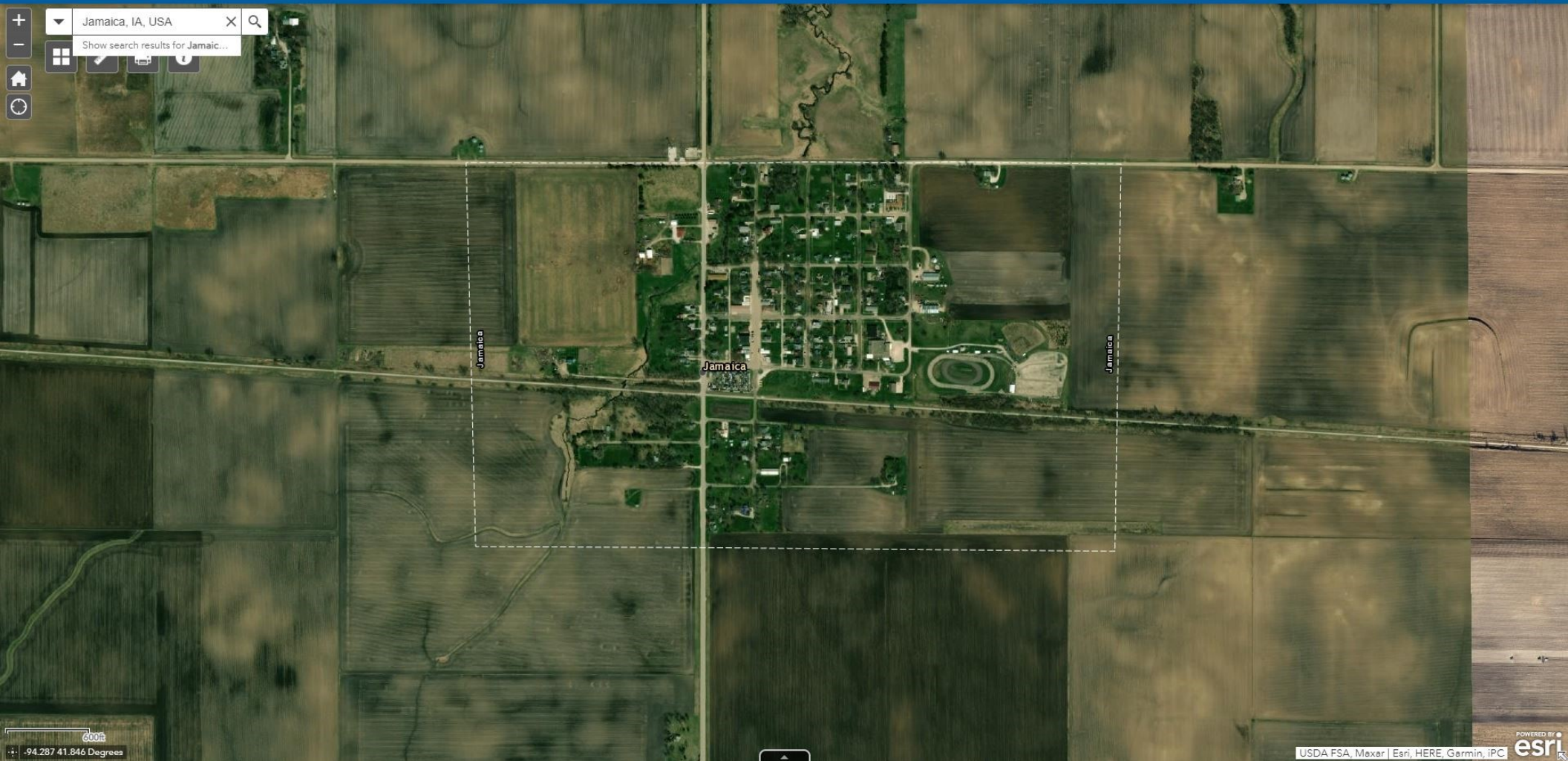
However, if above 75 dB you MUST contact leslie leager at IEDA for additional instructions.

# Appendix J



Jamaica, IA, USA

Show search results for Jamaic...



600ft

-94.287 41.846 Degrees

USDA FSA, Mexas | Esri, HERE, Garmin, iPC

POWERED BY  
**esri**



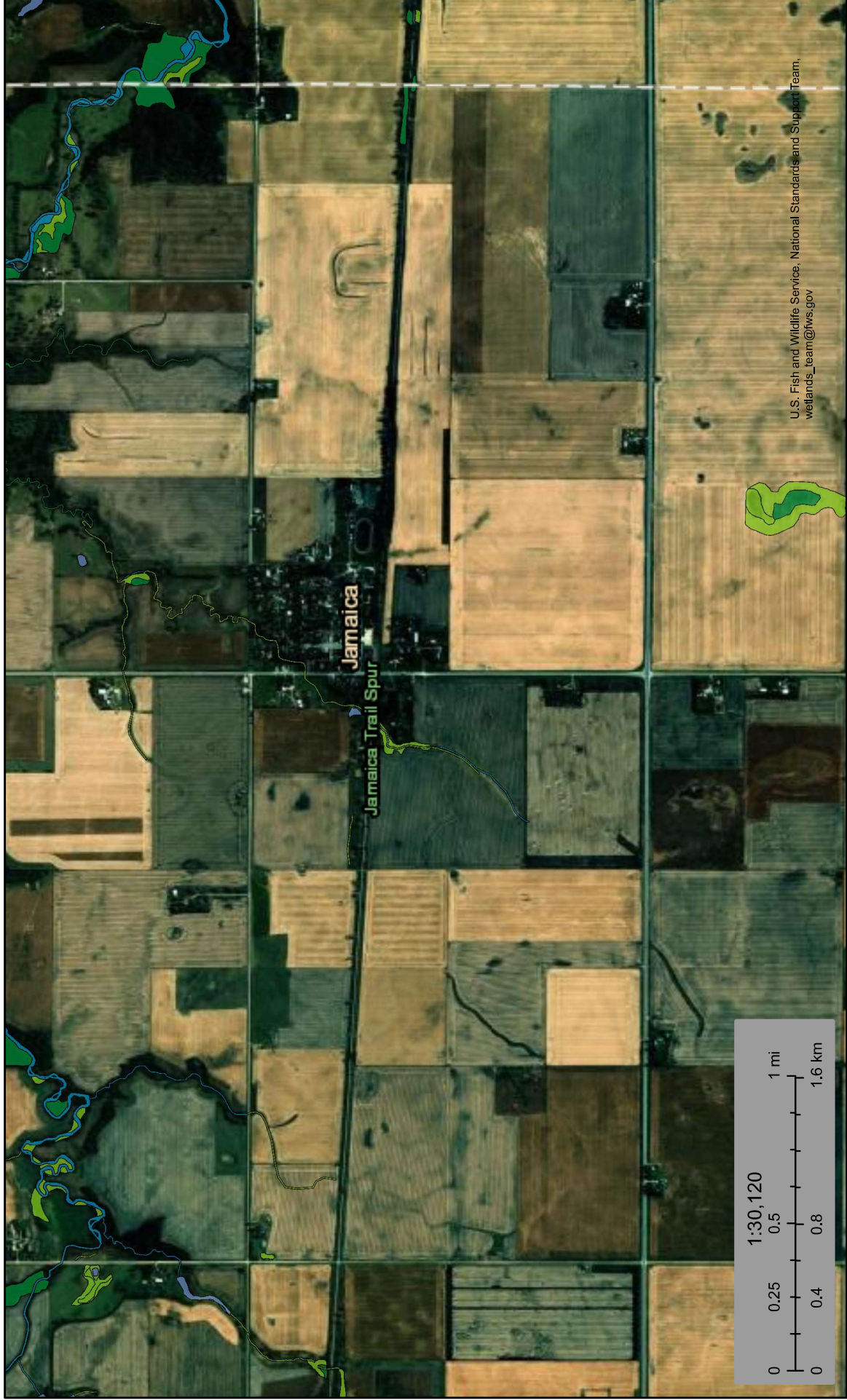
# Appendix K



U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Jamaica Rural Water Connection Project



August 8, 2023

### 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.

# Appendix L

## COVID-19 Response

Following guidance from the Centers for Disease Control and Prevention and state and local public health authorities, park operations continue to adapt to changing conditions while maintaining public access, particularly outdoor spaces. Before visiting a park, please check the [park website](#) to determine its operating status. Updates about the overall NPS response to COVID-19, including safety information, are posted on [www.nps.gov/coronavirus](http://www.nps.gov/coronavirus). Please [recreate responsibly](#).

## National Park Service

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# Rivers

## Iowa

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River	County	Reach	Length (miles)	Description	Potential Classification	ORVs	Watershed (HUC Code 8)	Year Listed/ Updated	Other State
Boone River	Hamilton and Webster	From Webster City to confluence with Des Moines River.	26	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.	Recreational	Fish, Recreational, Scenic, Wildlife	Middle Des Moines	1995	

Cedar River	Louisa, Muscatine	Highway 6 to mouth at Iowa River	31	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.		Cultural, Fish, Wildlife	Lower Cedar	1982
Maquoketa River	Jackson, Jones	US 151 Bridge to Mississippi River (omit small reservoir northwest of Maquoketa)	81	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.		Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife, Other	Maquoketa	1982
Middle Raccoon River	Guthrie and Dallas	City of Panora to the city of Redfield dam.	17	A designated Iowa "Protected Water Area." Beautiful canoe route with good access. Excellent smallmouth bass fishing and wildlife viewing.	Scenic	Fish, Recreational, Scenic, Wildlife	South Raccoon	1995
Turkey River	Clayton, Gayette, Winneshiek, Howard	Vernon Springs to Mississippi River	134	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.		Cultural, Fish, Geologic, Historic, Recreational, Scenic, Other	Turkey	1982

Upper Iowa River	Winneshick and Allamakee	City of Kendallville to Highway 76 crossing.	73	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.	Wild	Scenic, Recreational, Geologic, Fish, Wildlife	Upper Iowa	1995
Wapsipinicon River	Clinton, Scott, Cedar, Jones, Linn, Buchanan, Black Hawk, Bremer	Frederika to mouth at Mississippi River omitting reservoir NW of Independence, IA.	215	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.		Fish, Geologic, Historic, Scenic, Wildlife	Upper Wapsipinicon	1982
Yellow River	Allamakee	Highway W60 near Myron (section 3, Post Township) to boundary of Effigy Mounds National Monument	32	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).		Cultural, Fish, Historic, Recreational, Scenic, Wildlife	Coon-Yellow	1982

Yellow River	Allamakee	Entire segment within Effigy Mounds National Monument	4	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.	Scenic	Cultural, Geologic, Historic, Recreational, Scenic, Wildlife	Coon-Yellow	1982/1993
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Last updated: November 30, 2016

## EXPERIENCE MORE

### SUBJECTS

**Invasive & Non-Native Species**

**Protecting Water**

**Mammals**

**+ View All Related Subjects**

### PARKS

**New River Gorge National River**

**Upper Delaware Scenic & Recreational River**

**Missouri National Recreational River**

**+ View All Related Parks**