

**DETERMINATION OF LEVEL OF REVIEW  
ENVIRONMENTAL REVIEW RECORD  
Project Name: Deloit Sewer Lining Project  
CDBG Contract Number: 23-WS-028  
Project Location: City of Deloit**

**Project Description** (Attach additional descriptive information, as appropriate to the project, including narrative, maps, photographs, site plans, budgets and other information.): Upon completion of this project, the City will have slip lined approximately 10,119 LF of sewer mains, spot repair sewer mains where necessary, and repair leaks found at manhole sites.

*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:**

Tyler Braasch  
Print Name

  
Signature

Mayor  
Title

12/12/23  
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 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: Deloit Sewer Lining Project**

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

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

**State/Local Identifier:**

**Preparer: Alex Foley, Regional Planner**

**Certifying Officer Name and Title: Tyler Braasch, 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: 320 Maple Street, Deloit, IA 51441.**

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

This project will line the existing sewer mains within the City, conduct spot repairs on sewer mains where necessary, and seal leaks found in manholes.

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

The purpose of this project is to prevent the continued infiltration of ground water into the wastewater system within the City of Deloit.

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

Currently the City of Deloit discharges more than twice a year during wet years. To comply with the NPDES discharge limits, the City needs to reduce flows in the collection system. If the City does not go through with this project then the City will not be in compliance with IDNR wastewater standards and will face monetary consequences.

**Funding Information**

<b>Grant Number</b>	<b>HUD Program</b>	<b>Funding Amount</b>
23-WS-028	CDBG	\$370,000

**Estimated Total HUD Funded Amount:** \$370,000

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

**Total Cost:** \$697,941.00 **HUD Funds:** \$370,000.00 **Non-HUD Funds:** \$327,941.00

**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 Deloit FIRM can be found in Appendix G. Map Panel Number: 1900950227D
<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 and found that 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. 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 slip lining sewer mains within the City of Deloit, 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"/>	This project involves the rehabilitation of sewer lines and manholes within city limits and will not disturb farmland. A 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 wastewater 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. (Sundquist Engineering 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. (Sundquist Engineering PER.)
Hazards and Nuisances including Site Safety and Noise	1	The project will fix the infiltration issue in the City's waste water mains, which will be beneficial for the City and its residents. No mitigation is necessary. (Sundquist Engineering PER.)
Energy Consumption	1	The new well will reduce the amount of energy spent on waste water discharge and repairing flooded areas. No mitigation is necessary. (Sundquist Engineering 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 Deloit. No mitigation is necessary. (Sundquist Engineering 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. (Sundquist Engineering 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. (Sundquist Engineering PER.)
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Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>COMMUNITY FACILITIES AND SERVICES</b>		
Educational and Cultural Facilities	2	There are no educational facilities in Deloit; therefore, the project will have no impact on any educational facilities. No mitigation is necessary. (Sundquist Engineering PER.)
Commercial Facilities	2	This project will have no impact on the commercial facilities within the City of Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Health Care and Social Services	2	This project will have no impact on health care or social service facilities within the City of Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Solid Waste Disposal / Recycling	2	The project will have no impact on the solid waste facilities within the City of Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Wastewater / Sanitary Sewers	2	This project will repair the sewer mains within the City of Deloit by slip lining the existing mains, spot repairing where necessary, and fixing leaks found at manhole locations. No mitigation is necessary. (Sundquist Engineering PER.)
Water Supply	1	This project will have no impact on the wastewater utility within the City of Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Public Safety - Police, Fire and Emergency Medical	2	The project will have no impact on the policing, Emergency Medical services, or Fire services within the City of Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Parks, Open Space and Recreation	2	The project will have no impact on the Parks, Open Space, or Recreation within the City of Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Transportation and Accessibility	2	The project will have no impact on transportation within the City of Deloit. No mitigation is necessary. (Sundquist Engineering 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. (Sundquist Engineering 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 Deloit. 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 Deloit. No mitigation is necessary. (Sundquist Engineering PER.)
Energy efficiency, Green building practices	2	The most efficient materials will be utilized during construction and the system is designed to reduce waste. (Sundquist Engineering PER.)
Energy usage, Emissions	2	This project will be repairing the sewer mains within the City of Deloit by slip lining the existing mains, spot repairing where necessary, and fixing leaks found at manhole locations., which will provide little to no change in energy usage by the City. No mitigation is necessary. (Sundquist Engineering PER.)

**Additional Studies Performed:**

A preliminary engineering report was completed: Facility Plan/Preliminary Engineering Report Wastewater System Improvements, City of Deloit, IA November 2021 by Sundquist Engineering P.C.

**Field Inspection** (Date and completed by): Alex Foley, Regional Planner August 7, 2023

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

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

**List of Permits Obtained:**

State of Iowa DNR Wastewater 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]

Sundquist Engineering, the city's engineer, explored two options for the wastewater system improvements. From the attached engineering report, the city is pursuing Option #2 via this application. Option #1 was eliminated right away because it was simply the do nothing option. After discussions with the city council and engineer it was determined that the option to slip line the existing wastewater mains, spot repair where necessary, and repair leaking manholes where necessary was determined the most cost effective and achievable option.

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

The no action alternative was quickly dismissed as an option because the current system causes the City to discharge more than twice a year during wet years and is not in compliance with NPDES discharge limits.

**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: 12/12/23

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

Certifying Officer Signature: \_\_\_\_\_

Date: 12/12/23

Name/Title: Tyler Braasch, Mayor of Deloit

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).

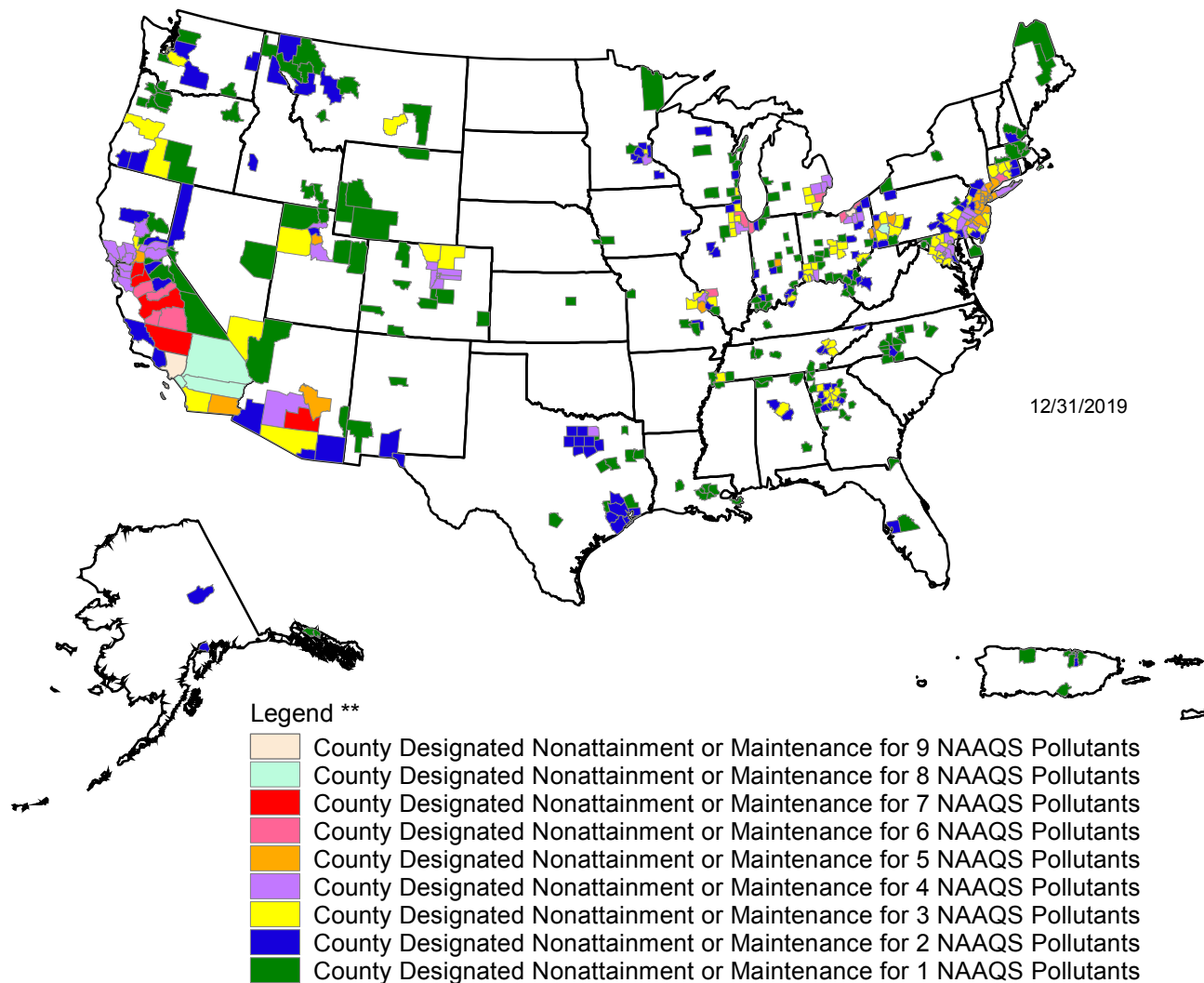


# Appendix A

## EPA Non-Attainment Areas

# 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

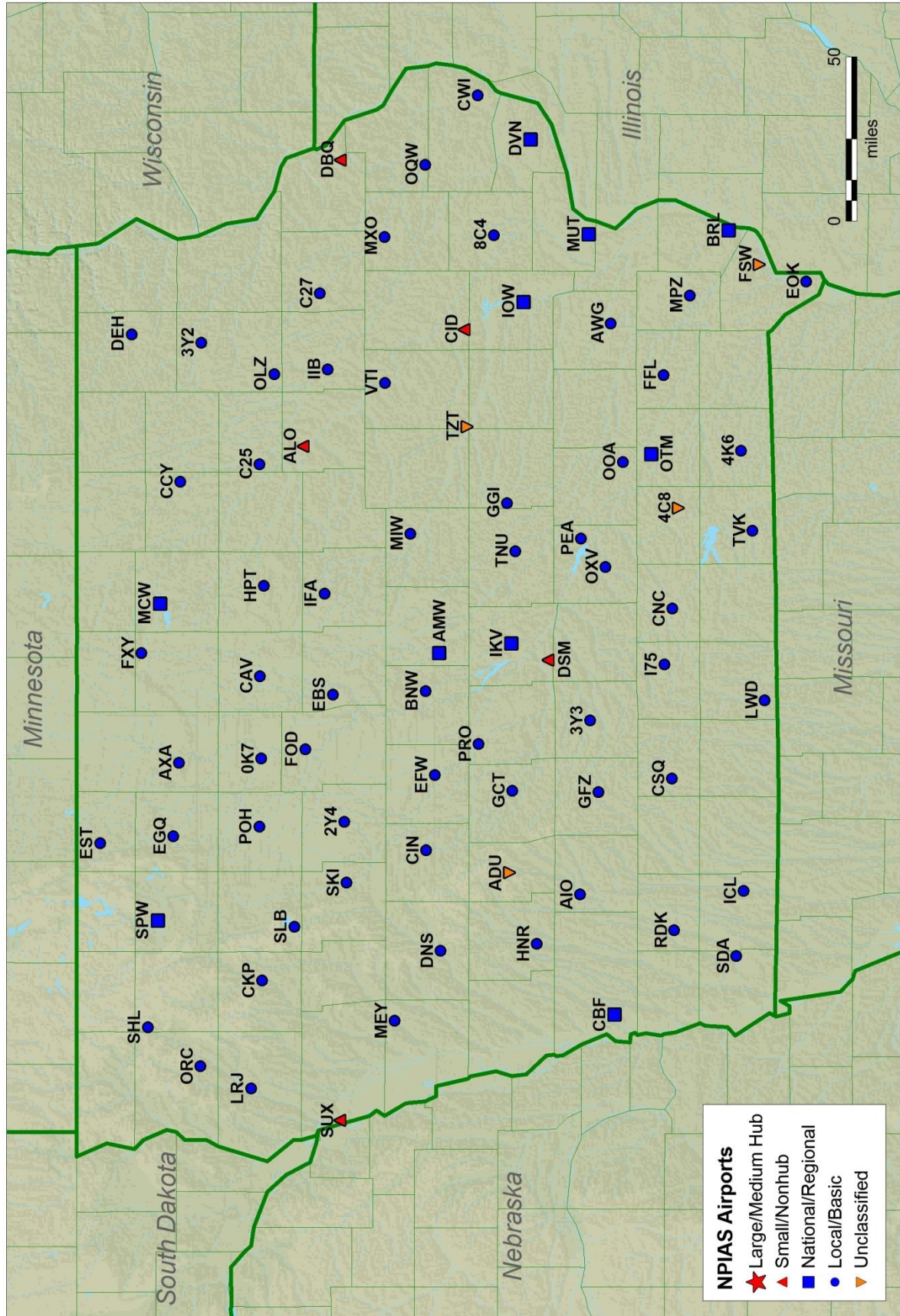
\* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

\*\* 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 B

## FAA NPIAS Report

# Iowa



# Appendix C

## Contamination and Toxic Substances



Home > Facilities > Facility Search – Enforcement and Compliance Data > Facility Search Results

# Facility Search Results

⚠️ Michigan, 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...](#)


Map Legend

Basemap Options

EJScreen ☒ Add EJ Summary Map Supplemental Indexes (US) ⓘ

Zoom To: Deloit, IA

Search as map moves



Customize Columns

Download Data

Quick CSV Download

Source Data

Results Guide

Reports Legend

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Count of Supplemental Indexes At or Above 80th Percentile (US - Block Group)	Compliance Monitoring Activity (5 years)	Significant Violations	Quarters with Noncompliance (3 years)	Formal Enforcement Actions (5 years)
<a href="#">DELOIT CITY OF STP</a>		SOUTH OF TOWN	DELOIT	IA	110010036816		0	1	No	9	0
<a href="#">STAR ENERGY</a>		1709 HWY 39	DELOIT	IA	110007058904		0	0	No	0	0

Report Violation

Help

Facility Summary

Select a facility row from the search results table.

Current Search

2 Facilities Found

Selected Criteria

Media Program: All Media Programs

Active/Operating: Yes

City, State, and/or ZIP Code: Deloit, IA

Explore Enforcement and Compliance Criteria

☐ 1 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)

[View Search Form for More Criteria...](#)

Filter Facilities

Not Filtering on 2 Facilities

☒ Only Show Matches

Facility Characteristics

Facility Type

☐ 0 Major ☐ 2 Non-Major

Facility Permit/ID

☐ 1 Has Water Permit (ICIS-NPDES) ☐ 1 Has ICIS-Air ID ☐ 0 Has RCRA ID

☐ 0 Has TRI Releases

Enforcement and Compliance Characteristics

☐ 1 Facilities with Violations (1 or more quarters within the past 3 years)

12

1 2 3 4 5 6 7 8 9 10 11 12

Facilities with Formal Enforcement Actions (5 yrs)

☐ 0 Yes ☐ 2 No



Search EPA.gov



<https://echo.epa.gov/>

[Search Options <https://epa.gov/>](https://epa.gov/) [Analyze Trends <https://epa.gov/>](https://epa.gov/) [Find EPA Cases <https://epa.gov/>](https://epa.gov/) [Data Services <https://epa.gov/>](https://epa.gov/) [Help <https://epa.gov/>](https://epa.gov/)

# Detailed Facility Report



# Detailed Facility Report

## Facility Summary

DELOIT CITY OF STP

SOUTH OF TOWN, DELOIT, IA 51441 ⓘ

FRS (Facility Registry Service) ID: 110010036816

EPA Region: 07

Latitude: 42.096111

Longitude: -95.315556

Locational Data Source: NPDES

Industries: Utilities

Indian Country: N

## Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	03/03/2021
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	10
Qtrs with Significant Violation	5
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Major, Permit Effective (IA0020826)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <https://epa.gov/resources/echo-data/known-data-problems>

## 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

## Facility/System Characteristics

## Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110010036816					N	42.096111	-95.315556
ICIS-NPDES	CWA	IA0020826	Non-Major: NPDES Individual Permit	Effective	POTW	06/30/2027	N	42.09058	-95.32205

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110010036816	DELOIT CITY OF STP	SOUTH OF TOWN, DELOIT, IA 51441	Crawford County
ICIS-NPDES	CWA	IA0020826	DELOIT CITY OF STP	UNKNOWN, DELOIT, IA 51441	Crawford County

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	IA0020826	4952	Sewerage Systems

## Facility NAICS (North American Industry Classification

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
	No data records returned	

System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-NPDES	IA0020826	221320	Sewage Treatment Facilities

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	IA0020826	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	03/03/2021	

Entries in *italics* are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> activities or because they are not counted as inspections within EPA's Annual Results <https://www.epa.gov/enforcement/enforcement-data-and-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
CWA	IA0020826	No	06/30/2023	10	12/01/2023

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	QTR 13+
CWA	(Source ID: IA0020826)	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-12/01/23
	Facility-Level Status	Violation Identified	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	No Violation Identified	Violation Identified	No Violation Identified	Violation Identified	Violation Identified	Violation Identified	Undetermined
	Quarterly Noncompliance Report History	Reportable Noncompliance	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Resolved	Other Violation		Other Violation	Reportable Noncompliance	Reportable Noncompliance	
	Pollutant	Disch Point	Mon Loc	Freq										
► CWA	BOD, carbonaceous [5 day, 20 C] <effluent-charts#ia0020826/80082>	001 - A	Effluent Gross	Mthly							22%			
► CWA	BOD, carbonaceous [5 day, 20 C] <effluent-charts#ia0020826/80082>	001 - A	Prior to Disinfection	NMth								21%		
► CWA	pH <effluent-charts#ia0020826/00400>	001 - A	Effluent Gross	NMth		LIMIT VIOLATION								
► CWA	pH <effluent-charts#ia0020826/00400>	001 - A	Disinfection, Process Complete	NMth							LIMIT VIOLATION			
	Late or Missing Discharge Monitoring Report (DMR) Measurements										6		3	
	Counts of Late DMR Measurements													

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	IA0020826	Base Program - Letter of Violation/ Warning Letter	State	02/01/2023

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

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Action	Settlement/Action Date	Federal Penalty Assess	State/Local Penalty Assess	Penalty Amount Collect	SEP Val	Comp Action Co
No data records returned															

Environmental Conditions

Watersheds ▲

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))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
102300070209	Otter Creek	BOYER RIVER	No	No	--	No

Assessed Waters From Latest State Submission (ATTAINS)

Sta	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
IA	2022	IA 06-BOY-1518	Otter Creek	Unknown	--	--	Insufficient Information	--	Insufficient Information	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

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

TRI Facility ID	Year	Air Emission	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal 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	

CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings

DMR and TRI Multi-Year Loading Report

NPDES ID	Description
No data records returned	

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. 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.

EJScreen Indexes Shown

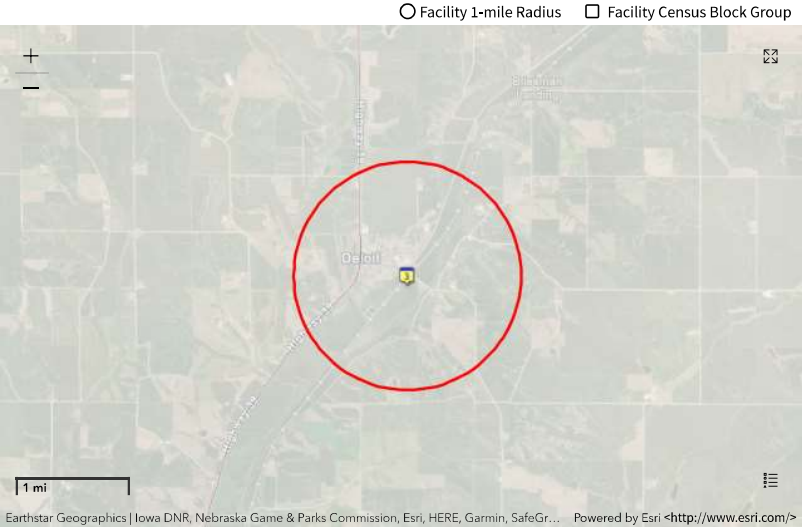
Compare to ☒ US ☐ State

Index Type ☒ Environmental Justice ☐ Supplemental

Related Reports

EJScreen Community Report

Download Data		
Census Block Group ID: 190470701001	US (Percentile)	
Environmental Justice Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	0	0
Particulate Matter 2.5	20	20
Ozone	33	34
Diesel Particulate Matter	16	16
Air Toxics Cancer Risk	18	18
Air Toxics Respiratory Hazard Index	17	17
Toxic Releases to Air	22	29
Traffic Proximity	4	6
Lead Paint	60	62
Risk Management Plan (RMP) Facility Proximity	45	63
Hazardous Waste Proximity	7	11
Superfund Proximity	7	7
Underground Storage Tanks (UST)	0	31
Wastewater Discharge	44	44



Demographic Profile of Surrounding Area (1-Mile Radius)

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 2017 - 2021 American Community Survey (ACS) 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 <https://epa.gov/help/reports/dfr-data-dictionary#demographic>.

General Statistics (U.S. Census)	
Total Persons	282
Population Density	92/sq.mi.
Housing Units in Area	134

General Statistics (ACS (American Community Survey))	
Total Persons	24
Percent People of Color	13%
Households in Area	9
Households on Public Assistance	0
Persons With Low Income	7
Percent With Low Income	29%

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	27 (10%)
Minors 17 years and younger	70 (25%)
Adults 18 years and older	212 (75%)
Seniors 65 years and older	43 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	249 (88%)
African-American	0 (0%)
Hispanic-Origin	58 (21%)
Asian/Pacific Islander	0 (0%)
American Indian	0 (0%)
Other/Multiracial	33 (12%)

<b>Geography</b>	
Radius of Selected Area	1 mi.
Center Latitude	42.096111
Center Longitude	-95.315556
Land Area	100%
Water Area	0%
<b>Income Breakdown (ACS (American Community Survey)) - Households (%)</b>	
Less than \$15,000	1 (11.11%)
\$15,000 - \$25,000	1 (11.11%)
\$25,000 - \$50,000	3 (33.33%)
\$50,000 - \$75,000	1 (11.11%)
Greater than \$75,000	3 (33.33%)

<b>Education Level (Persons 25 &amp; older) (ACS (American Community Survey)) - Persons (%)</b>	
Less than 9th Grade	0 (0%)
9th through 12th Grade	0 (0%)
High School Diploma	6 (37.5%)
Some College/2-year	3 (18.75%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4 (25%)

^ Top of Page



## Discover.

### Accessibility

<<https://www.epa.gov/accessibility>>

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<<https://www.epa.gov/planandbudget>>

### Contracting

<<https://www.epa.gov/contracts>>

### EPA www Web Snapshots

<<https://www.epa.gov/home/wwwepagov-snapshots>>

### Grants

<<https://www.epa.gov/grants>>

### No FEAR Act Data

<<https://www.epa.gov/ocr/whistleblower-protections-epa-and-how-they-relate-non-disclosure-agreements-signed-epa-employees>>

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### EPA Disclaimers

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<<https://www.epa.gov/aboutepa/epa-hotlines>>

### FOIA Requests

<<https://www.epa.gov/foia>>

### Frequent Questions

<<https://www.epa.gov/aboutepa/frequent-questions-specific-epa-programstopics>>

## Follow.



Last updated on September 21, 2022

### Data Refresh Information

<<https://epa.gov/resources/echo-data/about-the-data#sources>>

# 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 Clear

Search: Deloit

Show All entries

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

Showing 0 to 0 of 0 entries (filtered from 2,472 total entries)

Previous 1 Next



# IOWA DEPARTMENT OF NATURAL RESOURCES

## Underground Storage Tanks Database

12/7/2023 10:21 AM 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:

DELOIT ▼

County:

Crawford ▼

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>
➡	8LTK13	No Action Required	197910004	FORMER TEXACO STATION	N HWY 39 Deloit, IA 514410000
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

12/7/2023 10:21 AM user: [Login](#)

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

Leak #: 8LTK13

Registration #: 197910004

Name: FORMER TEXACO STATION

Address: N HWY 39

City: Deloit

Zip: 514410000 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="8LTK13"/>	Lead:*	<input type="text" value="Responsible Party"/>
Record Date:	<input type="text" value="11/05/1990"/>	Staff:	<input type="text" value="Tammy Vander Bloemen"/>
Start Date:*	<input type="text" value="01/17/1991"/>	Coordinator:	<input type="text" value="Verne Schrunk"/>
Date Reported:	<input type="text" value="11/05/1990"/>		
Date Discovered:	<input type="text"/>	Time:	<input type="text"/>
Date Occurred:	<input type="text"/>	Time:	<input type="text"/>
Spill #:	<input type="text"/>		
Spill Date:	<input type="text"/>		

Appendix D  
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:  
Project Code: 2024-0024055  
Project Name: Deloit Sewer Main Lining Project

December 07, 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 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>

#### Tricolored Bat Update

On September 14, 2022, the Service published a proposal in the Federal Register to list the tricolored bat (*Perimyotis subflavus*) as endangered under the Endangered Species Act (ESA). The Service has up to 12-months from the date the proposal published to make a final determination, either to list the tricolored bat under the Act or to withdraw the proposal. The Service determined the bat faces extinction primarily due to the rangewide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across North America. Because tricolored bat populations have been greatly reduced due to WNS, surviving bat populations are now more vulnerable to other stressors such as human disturbance and habitat loss. Species proposed for listing are not afforded protection under the ESA; however, as soon as a listing becomes effective (typically 30 days after publication of the final rule in the Federal Register), the prohibitions against jeopardizing its continued existence and "take" will apply. Therefore, if your future or existing project has the potential to adversely affect tricolored bats after the potential new listing goes into effect, we recommend that the effects of the project on tricolored bat and their habitat be analyzed to determine whether authorization under ESA section 7 or 10 is necessary. Projects with an existing section 7 biological opinion may require



reinitiation of consultation, and projects with an existing section 10 incidental take permit may require an amendment to provide uninterrupted authorization for covered activities. Contact our office for assistance.

#### 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
- Bald & Golden Eagles
- 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

---

## PROJECT SUMMARY

Project Code: 2024-0024055  
Project Name: Deloit Sewer Main Lining Project  
Project Type: Distribution Line - Maintenance/Modification - Below Ground  
Project Description: This project is to slip line the existing sewer main lines in the City of Deloit. Other aspects of the project is to conduct spot repairs of the sewer main and repair leaks found at manholes where necessary.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.0987279,-95.31922677619386,14z>



Counties: Crawford County, Iowa

---

## ENDANGERED SPECIES ACT SPECIES

There is a total of 3 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
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.

## BALD & GOLDEN EAGLES

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

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats<sup>3</sup>, should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

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

### There are bald and/or golden eagles in your project area.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a>	Breeds Oct 15 to Aug 31

## PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read the supplemental information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (■)

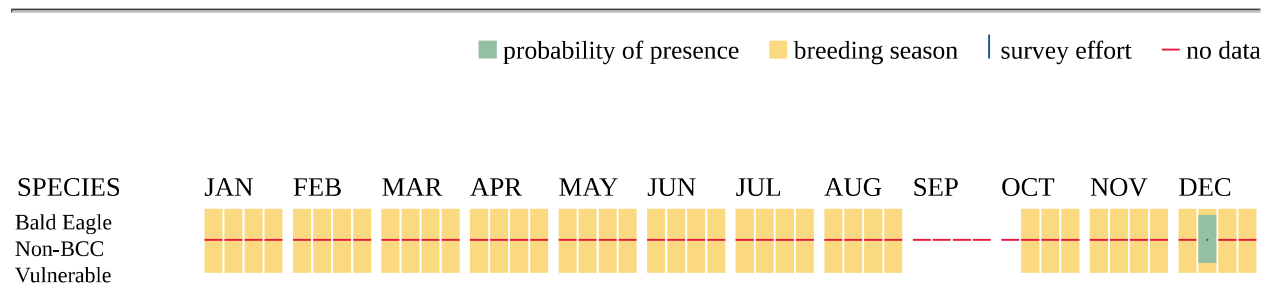
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

### Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (—)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## 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<sup>3</sup> should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

- 
1. The [Migratory Birds Treaty Act](#) of 1918.
  2. The [Bald and Golden Eagle Protection Act](#) of 1940.
-



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## 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.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

---

**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

---



Appendix E  
Environmental Justice Report

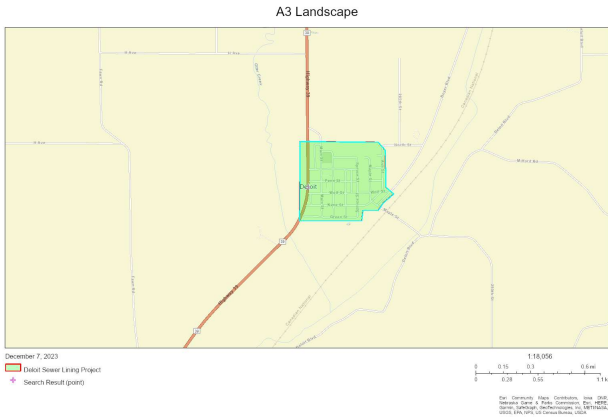
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

## Deloit, IA

## the User Specified Area

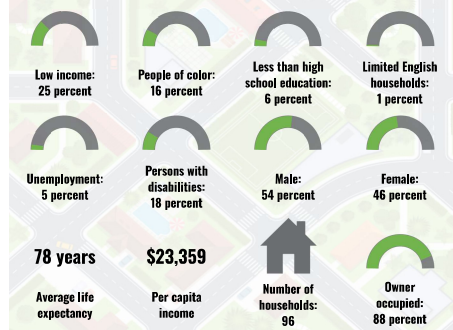
**Population: 240**

**Area in square miles: 0.20**

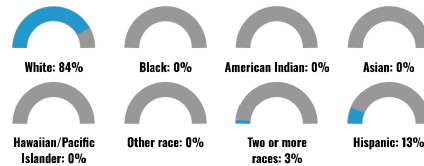
**LANGUAGES SPOKEN AT HOME**

LANGUAGE	PERCENT
No language data available.	

## COMMUNITY INFORMATION



## BREAKDOWN BY RACE



## BREAKDOWN BY AGE



## LIMITED ENGLISH SPEAKING BREAKDOWN



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.

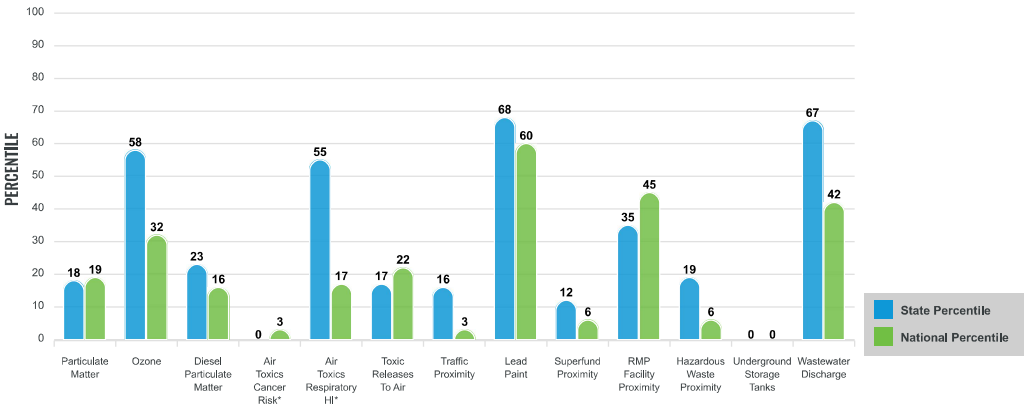
# Environmental Justice & Supplemental Indexes

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.

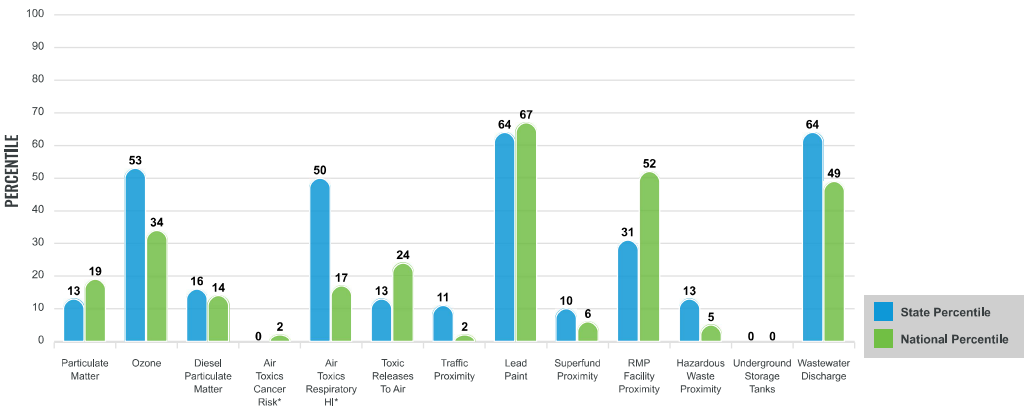
### EJ INDEXES FOR THE SELECTED LOCATION



## 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 the User Specified Area

# 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 ( $\mu\text{g}/\text{m}^3$ )	6.77	7.63	13	8.08	16
Ozone (ppb)	58.9	58.8	49	61.6	31
Diesel Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	0.0901	0.158	14	0.261	13
Air Toxics Cancer Risk* (lifetime risk per million)	10	20	0	25	1
Air Toxics Respiratory HI*	0.2	0.21	3	0.31	4
Toxic Releases to Air	76	2,800	11	4,600	21
Traffic Proximity (daily traffic count/distance to road)	0.58	140	9	210	2
Lead Paint (% Pre-1960 Housing)	0.58	0.45	64	0.3	78
Superfund Proximity (site count/km distance)	0.012	0.094	9	0.13	6
RMP Facility Proximity (facility count/km distance)	0.17	0.72	25	0.43	50
Hazardous Waste Proximity (facility count/km distance)	0.034	0.42	12	1.9	5
Underground Storage Tanks (count/km <sup>2</sup> )	0	1.9	0	3.9	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00089	0.28	62	22	47
<b>SOCIOECONOMIC INDICATORS</b>					
Demographic Index	20%	22%	57	35%	33
Supplemental Demographic Index	11%	12%	52	14%	43
People of Color	16%	15%	67	39%	32
Low Income	25%	29%	47	31%	46
Unemployment Rate	5%	4%	73	6%	60
Limited English Speaking Households	1%	2%	72	5%	57
Less Than High School Education	6%	8%	55	12%	42
Under Age 5	11%	6%	92	6%	90
Over Age 64	18%	18%	54	17%	61
Low Life Expectancy	20%	19%	61	20%	54

\*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 the User Specified Area

## EJScreen Environmental and Socioeconomic Indicators Data

### HEALTH INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	20%	19%	61	20%	55
Heart Disease	7.9	6.5	85	6.1	83
Asthma	9.4	9.4	55	10	36
Cancer	7.6	6.8	67	6.1	82
Persons with Disabilities	15.7%	12.5%	79	13.4%	69

### CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	20%	11%	88	12%	85
Wildfire Risk	0%	2%	0	14%	0

### CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	20%	16%	71	14%	75
Lack of Health Insurance	3%	5%	36	9%	22
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

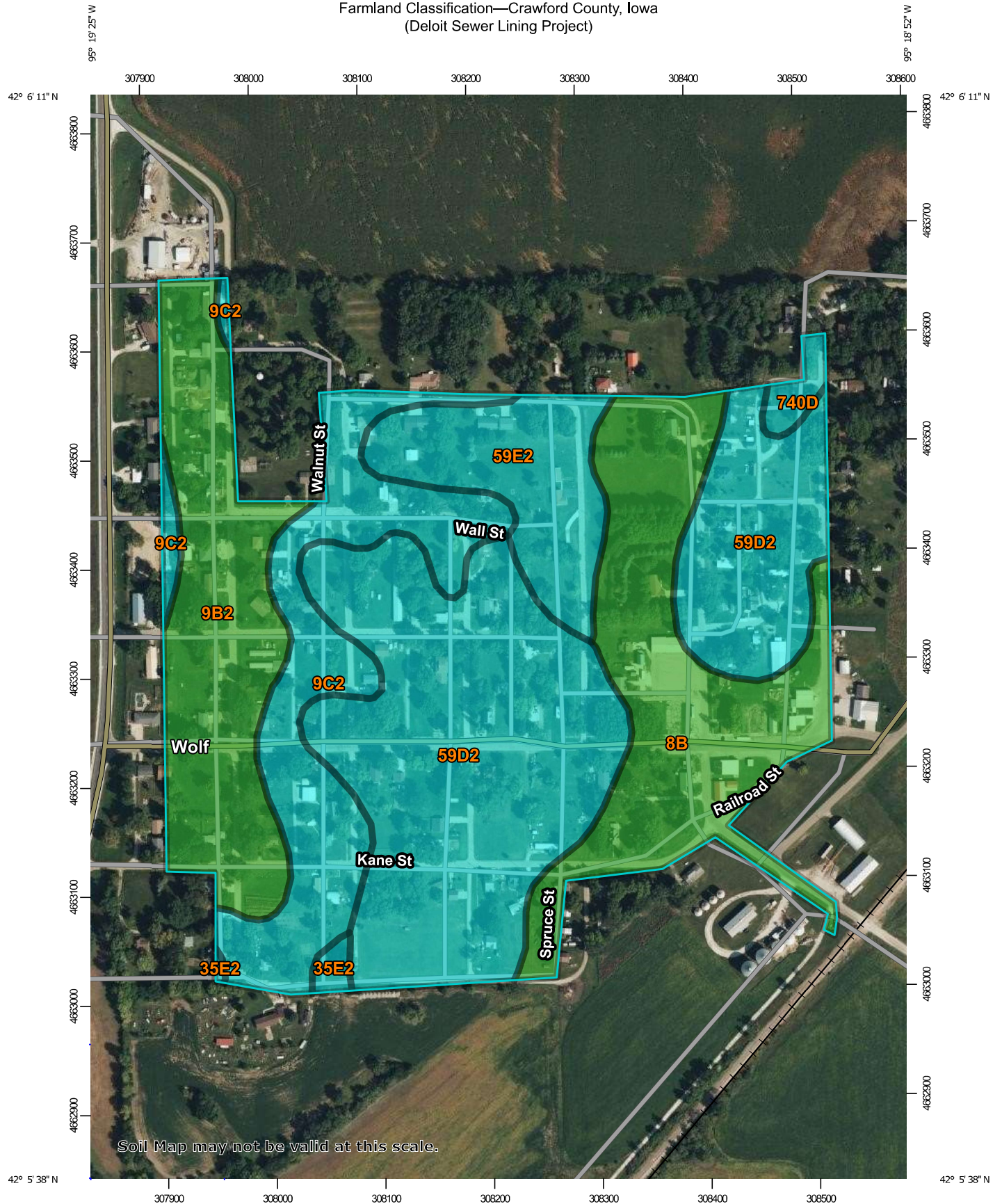
Footnotes

Report for the User Specified Area

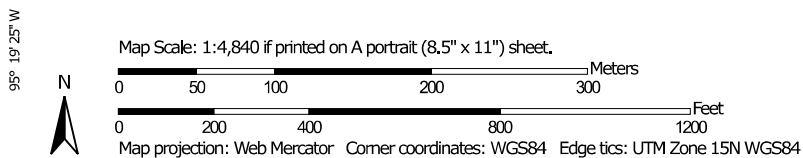
# Appendix F

## Farmland Classification

# Farmland Classification—Crawford County, Iowa (Deloit Sewer Lining Project)



Soil Map may not be valid at this scale.

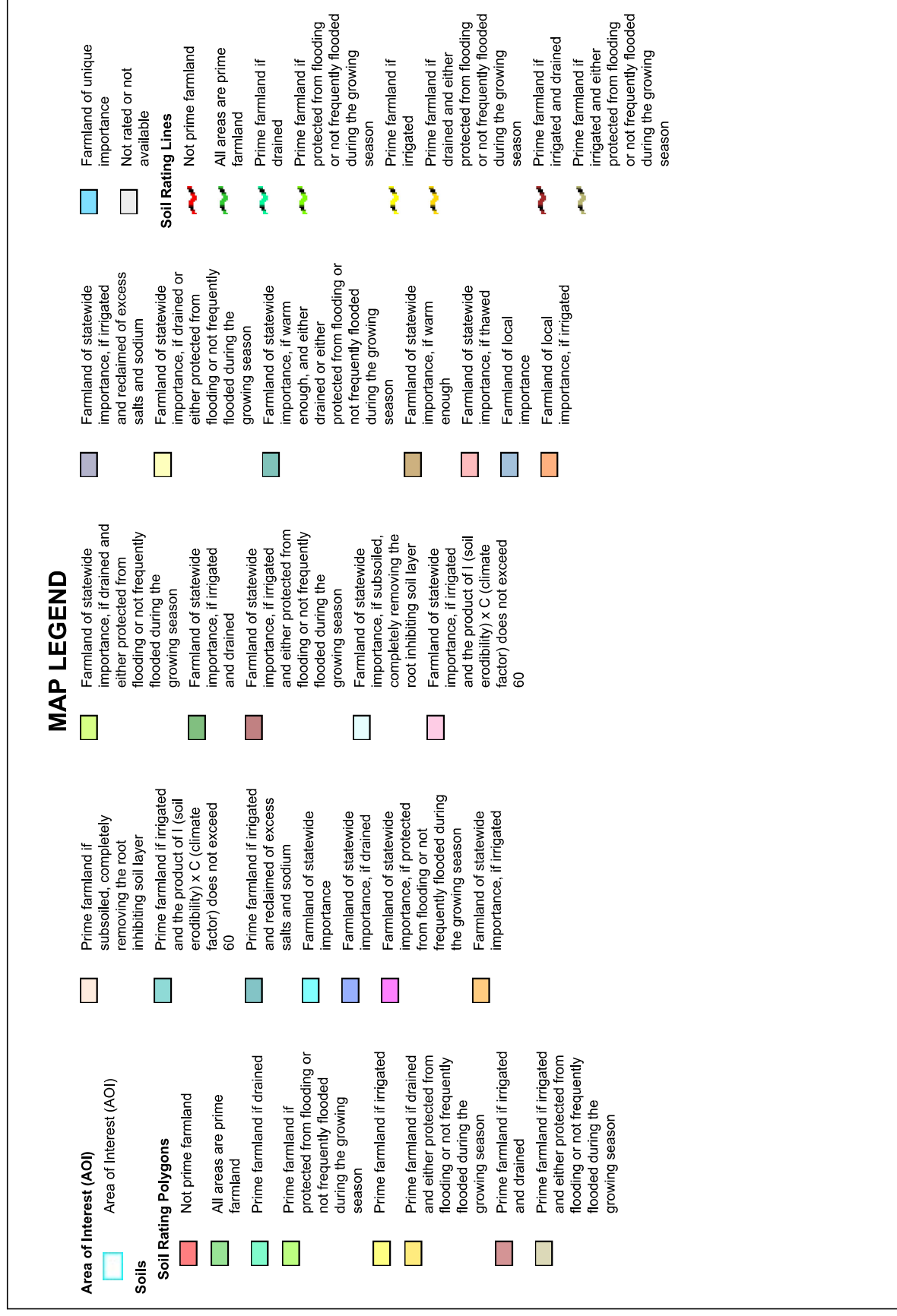


**Natural Resources  
Conservation Service**

Web Soil Survey  
National Cooperative Soil Survey



































12/7/2023  
Page 1 of 5



























Farmland Classification—Crawford County, Iowa  
(Deloit Sewer Lining Project)

	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		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		All areas are prime farmland		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance						Prime farmland if drained		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 either protected from flooding or not frequently flooded during the growing season		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 drained		Farmland of statewide importance, if irrigated
					Farmland of local importance, if irrigated		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		

# Farmland Classification—Crawford County, Iowa (Deloit Sewer Lining Project)

<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 1:12,000.</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="#">Web Soil Survey</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: Crawford County, Iowa</p> <p>Survey Area Data: Version 37, Sep 12, 2023</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: Sep 5, 2021—Oct 14, 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
8B	Judson silty clay loam, deep loess, 2 to 5 percent slopes	All areas are prime farmland	14.4	19.6%
9B2	Marshall silty clay loam, 2 to 5 percent slopes, eroded	All areas are prime farmland	12.1	16.5%
9C2	Marshall silty clay loam, 5 to 9 percent slopes, eroded	Farmland of statewide importance	11.5	15.8%
35E2	Liston-Burchard complex, 14 to 18 percent slopes, moderately eroded	Farmland of statewide importance	0.4	0.6%
59D2	Burchard clay loam, 9 to 14 percent slopes, moderately eroded	Farmland of statewide importance	27.7	37.9%
59E2	Burchard clay loam, 14 to 18 percent slopes, moderately eroded	Farmland of statewide importance	6.4	8.7%
740D	Hawick gravelly sandy loam, 9 to 14 percent slopes	Farmland of statewide importance	0.7	1.0%
<b>Totals for Area of Interest</b>			<b>73.2</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

## Floodplain Documentation







# Appendix H

## SHPO Documentation



## Alex Foley

---

**From:** Robert Jonet <Robert.Jonet@IowaEDA.com>  
**Sent:** Tuesday, January 2, 2024 2:02 PM  
**To:** Alex Foley  
**Subject:** Deloit Update

Alex,

Dan heard back from USDA on Deloit project. To summarize, they said that they take lead agency on all USDA/CDBG joint projects. They have a specific form they fill out for these circumstances. Since I have that email from USDA, we are good to move forward on the Deloit project. You do not need to fill out any separate Section 106 form for IEDA in IowaGrants. IEDA, after consultation with SHPO, concurs with USDA's determination of the project being programmatically exempt and, since USDA is the lead agency, will move forward without conducting a separate 106 review. You can move directly to the environmental submission. For the historic preservation portion of the environmental, please just include a copy of this email.

Future projects with the USDA will have to be reviewed on an individual basis. I would recommend just contacting me directly when you're at that stage of the review process and asking what we should do. We will either concur with USDA's decision as we have on this project, or I will contact USDA and have them fill out the aforementioned lead agency form.

I apologize for how hectic this process has been, but it will be much simpler in the future.

Respectfully,

**ROBERT JONET** | Environmental and Historic Preservation Specialist

**IOWA ECONOMIC DEVELOPMENT AUTHORITY**

1963 Bell Avenue, Suite 200 | Des Moines, Iowa 50315

+1 (515) 348-6205 | robert.jonet@iowaeda.com



Economic Development

# Appendix I

## Noise Control

# **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%

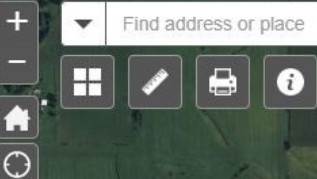
**3. If your decibel level is above 65 dB – 75 dB:**


- a. For new construction – you MUST mitigate
- b. For Rehab – you are strongly encouraged to mitigate

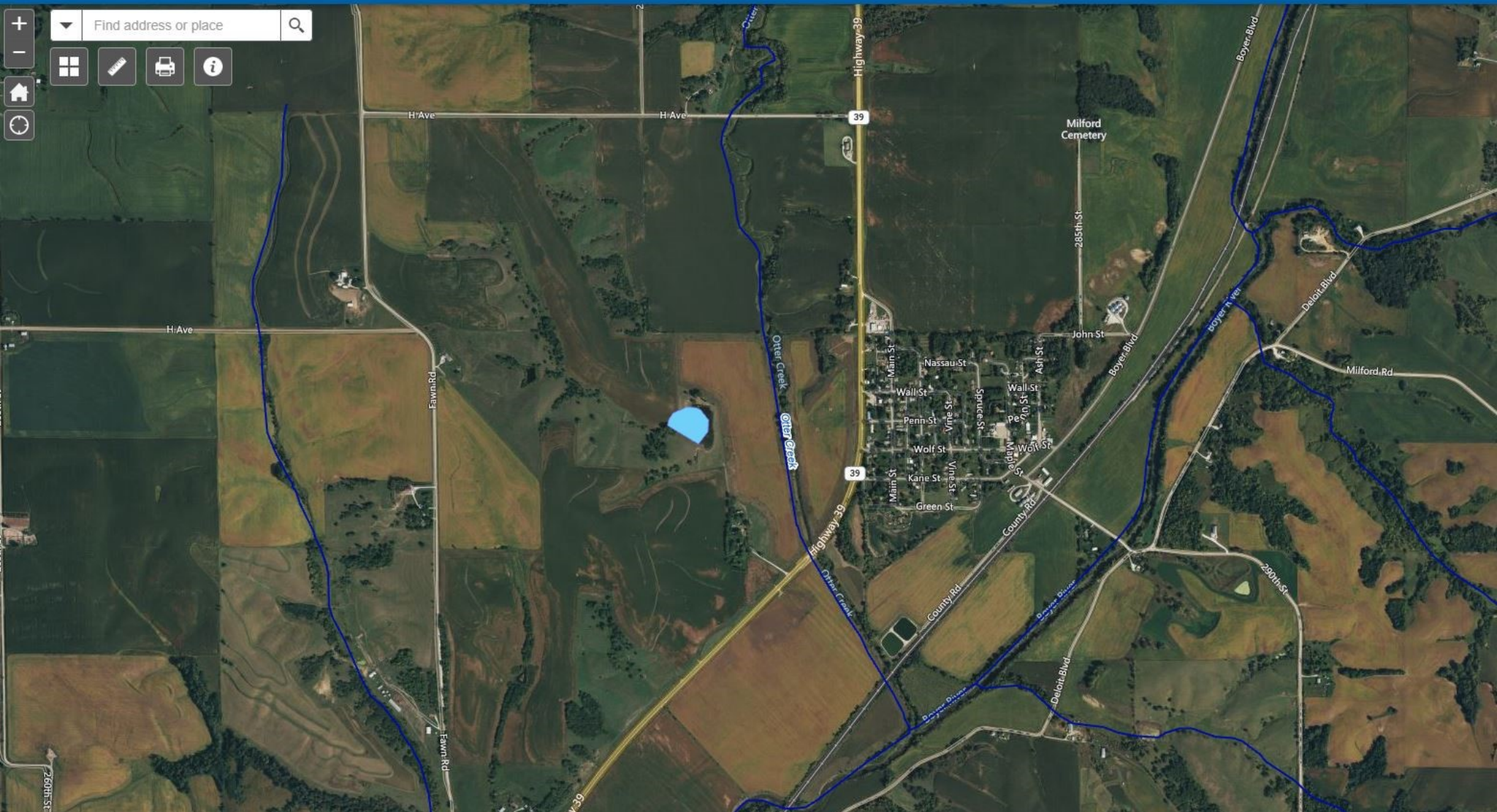
However, if above 75 dB you MUST contact leslie leager at IEDA for additional instructions.

# Appendix J

## Sole Source Aquifers



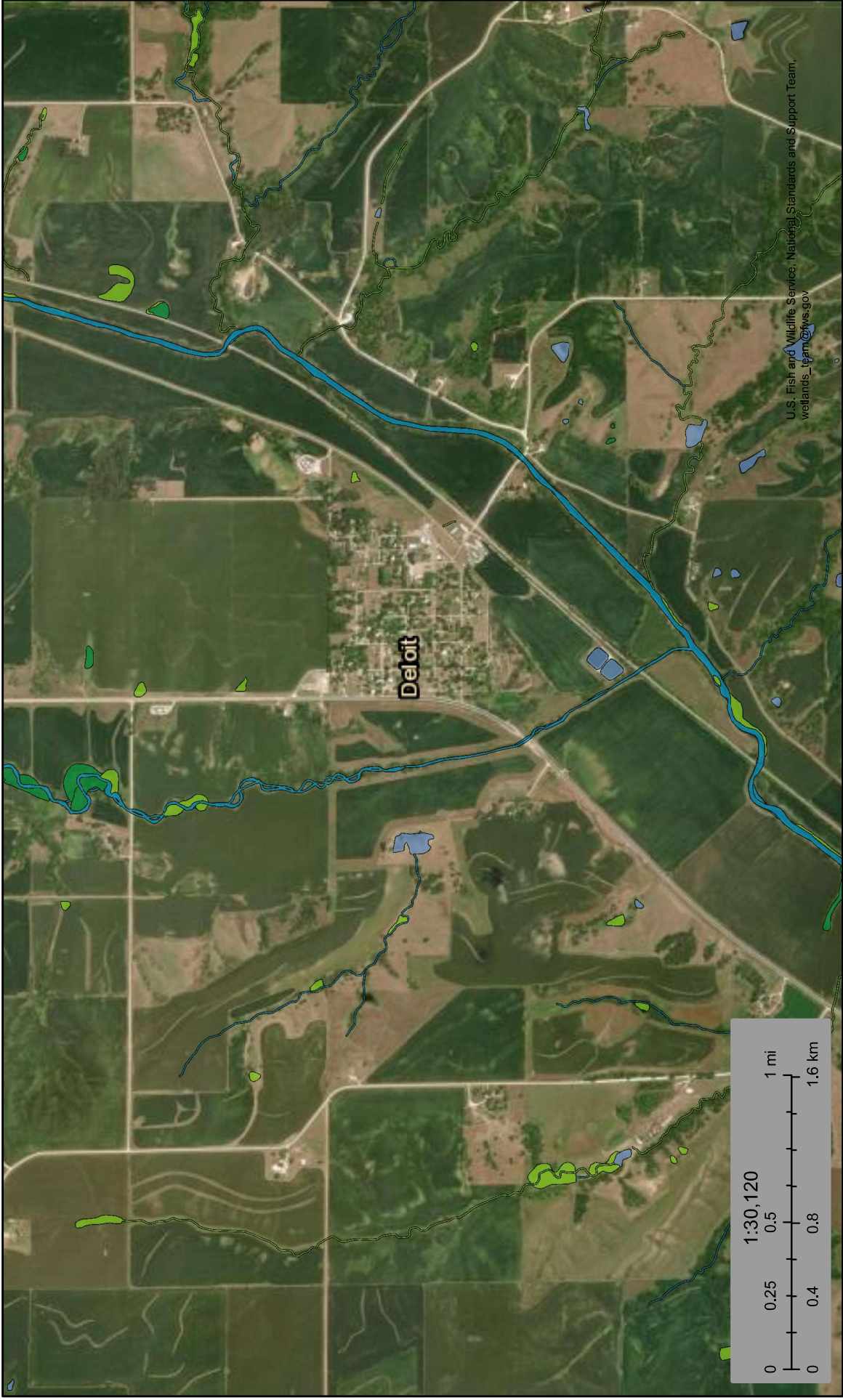
Find address or place 



# Appendix K

## Wetland Protection





December 7, 2023

Wetlands

- |   |                                |   |                                   |   |          |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake     |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other    |
|  |                                |  | Freshwater Pond                   |  | 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  
Wild and Scenic Rivers

## 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**