North Dakota

Total Maximum Daily Load Prioritization Strategy

("TMDL Strategy")

Clean Water Act Section 303(d) Program Vision 2

FINAL

March 2024

North Dakota Department of Environmental Quality
Division of Water Quality
Watershed Management Program
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Abbreviations and Acronyms

303(d) list	List of impaired waters (water bodies not meeting water quality standards)
Bridge period	First two years of Vision 2 (10/1/2022-9/30/2024)
CFR	Code of Federal Regulations
EPA	United States Environmental Protection Agency
IR	Integrated Report
NDDEQ	North Dakota Department of Environmental Quality
NDPDES	North Dakota Pollutant Discharge Elimination System
NPS	Nonpoint source
Section 303(d) program	TMDL program
TMDL	Total Maximum Daily Load
TMDL commitments	List of water bodies planned for assessment/reassessment/TMDL development, updated every two years throughout Vision 2
TMDL Strategy	North Dakota Vision 2 Total Maximum Daily Load Prioritization Strategy
TMDL team	NDDEQ TMDL staff
USGS	United States Geological Survey
Vision 2	2022-2032 Vision for the Clean Water Act Section 303(d) Program

For abbreviation guide to tables C1-C5 see Appendix C (page 26).

1.0 SUMMARY

The North Dakota Total Maximum Daily Load Prioritization Strategy ("TMDL Strategy") is part of the 2022-2032 vision for the Clean Water Act Section 303(d) Program ("Vision 2"). The TMDL Strategy addresses how and why North Dakota plans to approach surface water quality issues during the 10-year period. Vision 2 goals include planning and prioritization, restoration, protection, data and analysis, and partnerships. Focus areas include environmental justice, climate change, tribal water quality and program development, and program capacity building. The TMDL Strategy for Vision 2 follows a decade of similar goals under Vision 1 with lessons learned and new strategies for successful water quality restoration and protection. North Dakota's Vision 1 TMDL Strategy is at deq.nd.gov (search "2018 Integrated Report" and navigate to Appendix A).

2.0 HOW TO USE THIS DOCUMENT

The TMDL Strategy is a planning tool for the North Dakota Department of Environmental Quality (NDDEQ) to select TMDL commitments (impaired water body commitments) throughout Vision 2. The document consists of four main components:

1) Basis and expectations for Vision 2 (sections 1 - 6)
2) North Dakota's strategy to support Vision 2 expectations (sections 7 - 8)
3) Public feedback on water quality priorities (Appendix A)
4) Information on each of North Dakota's 303(d) listed (impaired) waters including available datasets, past and current watershed projects, and future planning (Appendices B - C)

This is a living document. Every year the NDDEQ TMDL team will review and update as needed. Every *two* years water bodies will be selected from Appendix C (or most recent Integrated Report) that are planned for reassessment, post-implementation monitoring, watershed project support, TMDL development, Advanced Restoration Plan development, or similar actions that support the goals, focus areas, and strategy described in this document ("TMDL commitments").

For example, at a minimum, the following should be considered when selecting water bodies:

- *Is there an active watershed project, or potential for a new project?*
- *What are the current public priorities for beneficial uses and pollutants of concern?*
- *What are the current priorities for other Clean Water Act programs in the state?*
- *Is the water body in a watershed with shared jurisdiction (tribal, state, or international boundaries)?*
- *What datasets are available or needed for the pollutant(s) of concern?*
- *For water bodies with previous projects, is post-implementation monitoring needed?*
- *What are the current NDDEQ staffing resources?*

3.0 WHY IS A TMDL STRATEGY NEEDED?

The federal Clean Water Act requires states to develop Total Maximum Daily Loads (TMDLs) for water bodies not meeting water quality standards (also called "impaired waters" or "303(d) listed waters") (40 CFR 130.7). In addition to being a planning tool, this TMDL Strategy outlines how North Dakota plans to fulfill federal requirements to address impaired waters.

The TMDL Strategy is part of a 10-year vision. Vision 2 (2022-2032) was designed by the U.S. Environmental Protection Agency (EPA) to help coordinate and target efforts in TMDL program implementation. The vision was developed in collaboration with states, territories, and tribes and identifies specific goals and focus areas programs should consider when addressing impaired waters. Vision 2, and the associated TMDL Strategy, are not regulation or policy, but are meant to be a framework or guide for TMDL planning and commitments.

4.0 TMDL COMMITMENTS

In addition to developing a TMDL Strategy for Vision 2 states must, every two years, identify specific impaired water bodies that will be addressed. These "TMDL commitments" are submitted to EPA at the start of each two-year period. The TMDL Strategy will serve as a guide for the state to select impaired waters to address (or continue to address) every two years. Making TMDL commitments in two-year increments allows for reevaluation of priorities, with consideration of the substantial time and resources needed for TMDL development. The first two years of Vision 2 (2022-2024) are considered a "bridge" period (bridging Vision 1 and Vision 2) to allow states sufficient time to develop a prioritization strategy for the remaining eight years of Vision 2 (2024-2032).

5.0 IMPAIRED WATERS IN NORTH DAKOTA

Impaired waters are detailed in North Dakota's Section 303(d) list ("303d list" or "impaired waters list"), part of the state's Integrated Report. The 303d list is named for Section 303(d) of the Clean Water Act, which requires states to identify and list impaired waters needing TMDLs. The Vision 2 TMDL Strategy specifically addresses impaired waters identified in North Dakota's 2020-2022 Integrated Report (visit.deq.nd.gov and search "Integrated Report"). Updates to Integrated Reports over the course of Vision 2 will also guide TMDL prioritization and commitments.

6.0 GOALS AND FOCUS AREAS

EPA's Vision 2 outlines five main goals and four focus areas to assist states in long-term water quality planning. The goals and focus areas are intended to support effective TMDL development and implementation, recognizing that programs may use different methods to achieve similar goals. Vision 2 goals and focus areas, as found in EPA's 2022 Vision document (found at https://www.epa.gov/tmdl/Vision), include:

GOALS

Planning and Prioritization
States, territories, and tribes develop a holistic strategy for implementation of Vision Goals, systematically prioritize waters or watersheds for TMDL and other plan development (restoration and/or protection), and report on the progress towards development of plans for priority waters.

Restoration
States, territories, and tribes design TMDLs and other restoration plans to attain and maintain water quality standards, facilitate effective implementation, and drive restoration of impaired waters.

Protection
In addition to recognizing the protection benefits that TMDLs and other restoration plans can provide, states, territories, and tribes may develop protection plans to prevent impairments and

improve water quality, as part of a holistic watershed approach.

Data and Analysis
The Clean Water Act 303(d) program coordinates with other government and non-governmental stakeholders to facilitate data production and sharing, and effectively analyzes data and information necessary to fulfill its multiple functions.

Partnerships
The Clean Water Act Section 303(d) program meaningfully communicates and collaborates with other government programs and non-government stakeholders to restore and protect water quality effectively and sustainably.

FOCUS AREAS

Environmental Justice
To actively consider environmental justice in assessment, listing, TMDLs, and other restoration and protection plans to address disproportionately high and adverse environmental, water quality, climate-related, and other relevant impacts on underserved communities.

Climate Change
To consider strategically how to account for the impacts of climate change, and address climate resiliency or vulnerability, in water quality assessment, impaired waters listing, and the development of TMDLs and other plans consistent with water quality standards.

Tribal Water Quality and Program Development
To help interested tribes administer the Clean Water Act Section 303(d) program, assess waters, and plan for restoration and protection of tribal waters; ensure meaningful government-to-government consultation opportunities; and otherwise enable tribes to engage with EPA, states, and others on Section 303(d) program activities relevant to tribal interests.

Program Capacity Building
To expand and build upon existing activities and resources to improve understanding of Clean Water Act Section 303(d) program foundations, familiarity with tools and various approaches to regular tasks and complex circumstances, and ability to accomplish statutory responsibilities and Vision Goals more efficiently and effectively.

7.0 NORTH DAKOTA'S TMDL STRATEGY

The TMDL Strategy is a guide for long-term planning and implementation of goals and focus areas. As conditions change the strategy may need to be adapted (for example, shifting priorities, new water quality concerns, staffing/resources, changing environmental conditions, updates to water quality standards). The NDDEQ developed the following TMDL Strategy for Vision 2. For clarity, the main corresponding goals and focus areas supporting each are listed below each strategy item.

7.1 New Staff Training

In 2022 and 2023 the NDDEQ hired an all-new TMDL team that requires training in TMDL development and implementation. New staff training is critical to the success of Vision 2 and beyond, and demands significant time and resources. Throughout Vision 2, TMDL staff will continue training using materials such as webinars and recordings, discussion groups, conferences and workshops, guidance documents, and resources from other states and EPA.

Supporting goals: Planning and Prioritization, Partnerships
Supporting focus areas: Program Capacity Building

7.2 Program Development

The all-new TMDL team has the opportunity to develop a program built on new strengths and ideas. Program development goals include creating TMDL templates and process documents, updating online public resources (for example, TMDL website and StoryMap), working closely with the NDDEQ EJ/T6 (Environmental Justice/Title VI) group and NDDEQ Environmental Justice/Nondiscrimination Coordinator, integrating climate change considerations, and integrating automated and reproducible analyses (for example, using R or Python).

Supporting goals: Planning and Prioritization, Data and Analysis, Partnerships
Supporting focus areas: Environmental Justice, Climate Change, Program Capacity Building

7.3 Community and Landowner Connections

Successful TMDL implementation ultimately depends on local participation. The TMDL team will focus on developing local connections by engaging with communities and landowners throughout the entire TMDL process. Staff will seek out and attend community meetings, assist with local watershed projects, seek partnerships with local agencies and organizations (for example, Soil Conservation Districts and parks and recreation areas), develop commitments based on local priorities, and develop and present clear summaries of technical content.

To support Vision 2 planning, the NDDEQ developed and distributed an Impaired Waters Public Survey. The survey highlighted the TMDL Strategy mission and requested feedback on public water quality priorities and concerns. Survey responses will be used to help select impaired water body commitments (for example, targeting pollutants of concern) and to improve public communication and resources regarding water quality. The survey will be updated and redistributed every two years to reassess public priorities and guide planning. Survey results are detailed in Appendix A.

Supporting goals: Planning and Prioritization, Partnerships
Supporting focus areas: Environmental Justice

7.4 Inter-department Collaboration

TMDL allocations are implemented through regulatory discharge permits and through voluntary watershed practices. The TMDL team will work closely with the North Dakota Pollutant Discharge Elimination System (NDPDES) permits program when developing TMDL wasteload allocations, and with the North Dakota Nonpoint Source (NPS) Pollution Management program when developing TMDL load allocations. Additionally, the TMDL team will seek opportunities for cross-training with the NDPDES and NPS programs (for example, shadowing different types of NDPDES inspections, attending NPS meetings).

Supporting goals: Planning and Prioritization, Partnerships
Supporting focus areas: Program Capacity Building

7.5 Tribal Outreach

North Dakota shares watersheds with multiple tribal nations. Successful watershed planning requires input from all communities and individuals in the watershed. The TMDL team will work

to ensure meaningful collaboration opportunities in TMDL planning and development with consideration of the unique history and culture of each tribe. Outreach and collaboration efforts will continue through regular points-of-contact (email, phone, meeting invitations), discussions on planning and priorities, data sharing, and where requested, supporting tribal water quality projects through sampling training and technical assistance.

Supporting goals: Planning and Prioritization, Partnerships
Supporting focus areas: Environmental Justice, Tribal Water Quality and Program Development

7.6 Data Needs Assessment

Water quality monitoring requires significant time and resources. The NDDEQ and other states with small water quality programs typically need all staff, including TMDL writers, to assist with water quality sampling. Often water quality datasets needed for TMDL development are limited or outdated. For example, an impaired stream may have data from one sampling point, but additional data points may be needed to identify and differentiate pollutant sources to the stream. Further, the impaired stream may need to be reassessed when no recent dataset is available. To effectively plan TMDL commitments and priorities, a data needs assessment must be done. The TMDL team will determine which water bodies on the state's impaired waters list (303d list) need new or additional data and develop a monitoring plan to build datasets for priority water bodies.

The data needs assessment and monitoring planning will begin with the following:

- Identify impaired waters where water quality data is > 10 years old for the parameter(s) of concern
- Identify waters where TMDLs or watershed restoration projects have been implemented and new data is needed to determine effectiveness of Best Management Practices
- Connect with potential sampling partners, such as local watershed groups and other agencies
- Develop a monitoring plan for impaired waters that supports development of watershed-based TMDLs
- Expand monitoring in priority areas to include unassessed waters

For efficient use of program resources, monitoring planning for TMDL priority water bodies should align with the NDDEQ's surface water monitoring strategy, which rotates through major river basins in North Dakota every five years (Missouri, Red, James, and Souris). The TMDL team will work closely with field staff to coordinate monitoring efforts for priority water bodies within basin rotations. Appendix C, Tables C1-C5, lists impaired water bodies by major basin, including the projected monitoring schedule for each basin.

Projected monitoring schedules are for planning reference only and are ***not*** monitoring commitments. Monitoring planning for TMDL water bodies within each basin is highly dependent on staff resources and program priorities. The projected field staff monitoring rotations throughout Vision 2 (post-bridge period) include:

2024

Missouri basin N & E of river (lakes only)
National Rivers and Streams Assessment

2025

Red River basin (lakes & rivers)

2026

James and Souris river basins (lakes & rivers)
National Wetland Conditions Assessment

2027

National Lakes Assessment
Missouri river basin (rivers only)

2028

Missouri basin S & W of river (lakes only)
National Rivers and Streams Assessment

2029

Missouri basin N & E of river (lakes only)
National Rivers and Streams Assessment

2030

Red River basin (lakes & rivers)

2031

James and Souris river basins (lakes & rivers)
National Wetland Conditions Assessment

2032

National Lakes Assessment
Missouri River basin (rivers only)

In addition to developing water quality datasets, the TMDL team will develop and implement streamflow data collection procedures in Vision 2 to improve watershed assessments and TMDL loading calculations. Flow data on major rivers in North Dakota are available from the U.S. Geological Survey (USGS). Streamflow data from a USGS monitoring station on one stream can be used to estimate unknown flow on a different stream or location by comparing drainage areas. Estimating flow data based on drainage area assumes the two areas are of similar size and characteristic (for example, similar hydrology, topography, land use, etc.), and comparing dissimilar drainages can add uncertainty to streamflow estimates. To improve estimates, the TMDL team will collect supplemental flow data at select ungaged sites. Water bodies where TMDL reports are in-development or planned will be prioritized for flow data collection.

Supporting goals: Planning and Prioritization, Restoration, Data and Analysis, Partnerships
Supporting focus areas: Program Capacity Building

7.7 Recreational Use and TMDLs

Escherichia coli

The NDDEQ TMDL commitments for the first two years of Vision 2 (the "bridge" period) prioritized water quality for recreation (based on the continuation of Vision 1 priorities). As a result, the initial data needs assessment of Vision 2 focused on building *Escherichia coli (E. coli)* datasets within watersheds containing impaired rivers and streams.

In 2022 the NDDEQ began pursuing secondary recreation criteria for *E. coli* to support secondary contact recreation activities in class 3 streams (for example, boating, fishing, wading). As a result, the TMDL team will include class 3 impaired streams in assessment and monitoring planning, but will not prioritize class 3 streams for TMDL development until standards have been updated, or a final decision has been made.

Prior to *E. coli,* the NDDEQ used fecal coliform water quality criteria to protect recreation use and developed multiple fecal coliform TMDLs. To address and update fecal coliform TMDLs to *E. coli* criteria, a translator will be developed and applied.

Nutrients

Future commitments in Vision 2 will address nutrients in lakes and reservoirs to support recreational use. Addressing nutrient impairments supports national, state, and local water quality priorities. In the initial Impaired Waters Public Survey, open January 2024 (see Section 7.3 and Appendix A), more than half of participants noted "Harmful Algal Blooms" and "Nutrients" as their top water quality concerns in nearby lakes and streams. The NDDEQ is currently working with EPA's Nutrient Scientific Technical Exchange Partnership and Support (N-STEPS) program to develop numeric nutrient targets, based on current narrative water quality standards, in order to develop TMDLs for nutrient-impaired waters.

Supporting goals: Planning and Prioritization, Data and Analysis
Supporting focus areas: Program Capacity Building

7.8 TMDLs As Tools

TMDLs are intended to be tools for watershed assessment and restoration. The TMDL team will focus on the following to ensure TMDLs are accessible and effective:

- Summarizing key points and rewording technical content where appropriate
- Using clear and concise language
- Engaging with watershed communities from day one of TMDL assessment and development
- Developing watershed-based TMDLs, including protection plans

Supporting goals: Planning and Prioritization, Restoration, Protection, Partnerships
Supporting focus areas: Environmental Justice

7.9 Evaluating Implementation

Watershed restoration activities can take years to show water quality improvement, and follow-up assessments are often lacking. To determine the effectiveness of TMDL implementation and watershed projects, the TMDL team will plan reassessment of water bodies that have approved

TMDLs or have had restoration projects. Evaluating effectiveness will help identify what has worked well, and what can be improved, in the TMDL process.

Supporting goals: Planning and Prioritization, Restoration, Data and Analysis
Supporting focus areas: Program Capacity Building

8.0 STRATEGY IN ACTION

The TMDL Strategy will be used to plan and update NDDEQ TMDL commitments to EPA every two years throughout the 10-year Vision (2022-2032). The TMDL Strategy is a general guide for long-term planning to support Vision 2 goals and focus areas (see Section 6.0). Vision 2, and the associated TMDL Strategy, are not regulation or policy. Over the 10-year period, changes to resources and changing priorities at local, state, and national levels may demand new strategies to address impaired waters in North Dakota.

8.1 Public Comment Period

A draft TMDL Strategy was open to comment during a 30-day public notice period, February 19 – March 19, 2024. The notice was published in all official county newspapers in North Dakota and emailed or mailed to partnering agencies. A summary of the TMDL Strategy and request for comment was also presented to the North Dakota Water Topics Overview Legislative Committee in March 2024. During the public comment period the TMDL Strategy was posted on the NDDEQ's Public Comments, Meetings & Notices webpage (https://deq.nd.gov/PublicNotice.aspx).

No comments were received during the public notice period.

8.2 Vision 2 Planning Timeline

The following is an overview of recurring and yearly priorities for reference throughout Vision 2 planning.

Recurring Priorities

- Staff training and development
  - Attend and present at TMDL workshops, meetings, conferences, etc. to build program resources
- Nonpoint source project support
  - Develop Sampling and Analysis Plans, conduct sampling training and audits, attend and present at district meetings and events, write water quality reports, etc. to support active project efforts addressing impaired waters
- Building datasets
  - Sample select water bodies to support assessment/reassessment and planning (such as TMDL development, Advanced Restoration Plan development, post-implementation and Best Management Practice effectiveness monitoring, Protection Plan development, etc.)
- Cross-program collaboration
  - Regularly meet with Nonpoint Source, Monitoring, Water Quality Standards, and North Dakota Pollutant Discharge Elimination System programs to discuss new and ongoing projects and priorities
- Tribal communication

- Regularly meet with tribal water quality contacts to share new and ongoing projects and priorities

- Update Vision 2 TMDL Strategy (this document)
  - Annually evaluate and update based on most recent Integrated Report, staff resources, and new or changing water quality priorities

Priorities by Year

2022
- (May-September) Sample Vision 1 priorities
- Submit completed Vision 1 priorities
  - *Little Missouri River E. coli TMDL*
  - *James River E. coli Alternative Restoration Plan*
- (September 30, 2022) List of bridge period water body commitments due to EPA
- (October 1, 2022) begin Vision 2 bridge period
- Fill TMDL and program position vacancies
- *Ongoing*
  - Draft report development
    - *Wild Rice & Tributaries E. coli TMDL*

2023
- (May-September) Sample bridge period commitments and TMDL project areas
- Fill TMDL and program position vacancies
- Develop Vision 2 TMDL Strategy
- *Ongoing*
  - Develop TMDL and Summary templates
  - Develop TMDL Environmental Justice procedure
  - Develop Fecal coliform-*E. coli* TMDL Translator
  - Develop flow data collection and management procedures
  - Draft report development
    - *Wild Rice & Tributaries E. coli TMDL*
    - *Square Butte Creek Watershed E. coli TMDL*
    - *Heart River Watershed E. coli TMDL*
    - *Willow Creek Watershed E. coli TMDL*

2024
- (January) Distribute ND Impaired Waters Public Survey to inform TMDL Strategy
- (February 19-March 19) TMDL Strategy open for public comment
- (April 1, 2024) Vision 2 TMDL Strategy due to EPA
- (April-October) Draft TMDL project area sampling
- (September 1, 2024) List of water body commitments for 2024-2026 due to EPA
- (September 30, 2024)

  - Bridge period (2022-2024) water body commitments due to EPA
  - End Vision 2 bridge period
- Update TMDL Strategy Appendix C to include available external agency data and to identify water bodies in shared watersheds (tribal, state, international boundaries)
- Finalize and implement flow data collection and management procedures
- Report finalization
  - *Wild Rice & Tributaries E. coli TMDL*
- *Ongoing*
  - Develop TMDL and Summary templates
  - Develop TMDL Environmental Justice procedure
  - Develop Fecal coliform-*E. coli* TMDL Translator
  - Develop TMDL wasteload allocation and NDPDES procedure
  - Draft report development
    - *Square Butte Creek Watershed E. coli TMDL*
    - *Heart River Watershed E. coli TMDL*
    - *Willow Creek Watershed E. coli TMDL*

2025
- (January) Identify TMDL stream and lake sampling priorities in the Red River basin and coordinate with field staff for 2025 monitoring efforts
- Update impaired waters list for 2026 Integrated Report
  - Create and assign assessment subcategories for water body parameters where the impairment data is older than the reporting period (for example, 5x, 5Ax, 4Ax)
  - Create and assign assessment subcategories for any category 1 or 2 water body parameter with an approved TMDL (for example, 1A, 2A)
- Finalize TMDL Environmental Justice procedure
- Finalize Fecal coliform-*E. coli* TMDL Translator
- Finalize TMDL wasteload allocation and NDPDES procedure
- *Ongoing*
  - Develop TMDL and Summary templates
  - Draft report development
    - *Square Butte Creek Watershed E. coli TMDL*
    - *Heart River Watershed E. coli TMDL*
    - *Willow Creek Watershed E. coli TMDL*

2026
- (January) Redistribute ND Impaired Waters Public Survey to inform 2026-2028 commitments
- (January) Identify TMDL stream and lake sampling priorities in the James & Souris river basins and coordinate with field staff for 2026 monitoring efforts
- (September 1, 2026) List of water body commitments for 2026-2028 due to EPA

- (September 30, 2026) 2024-2026 water body commitments due to EPA
- Finalize TMDL and Summary templates
- Report finalization
  - *Square Butte Creek Watershed E. coli TMDL*
  - *Heart River Watershed E. coli TMDL*
  - *Willow Creek Watershed E. coli TMDL*

2027

- (January) Identify TMDL stream sampling priorities in the Missouri River basin and coordinate with field staff for 2027 monitoring efforts
- *Ongoing*
  - Update TMDL website and StoryMap
  - TMDL report development
    - *Evaluate resources and local interest to develop and implement lake/reservoir nutrient TMDL to address recreation impairment (water body to be determined)*

2028

- (January) Redistribute ND Impaired Waters Public Survey to inform 2028-2030 commitments
- (January) Identify TMDL lake sampling priorities in the Missouri basin (S & W of river) and coordinate with field staff for 2028 monitoring efforts
- (September 1, 2028) List of water body commitments for 2028-2030 due to EPA
- (September 30, 2028) 2026-2028 water body commitments due to EPA
- *Ongoing*
  - Update TMDL website and StoryMap
  - TMDL report development (water body/bodies to be determined)

2029

- (January) Identify TMDL lake sampling priorities in the Missouri basin (N & E of river) and coordinate with field staff for 2029 monitoring efforts
- Finalize updated TMDL StoryMap
- *Ongoing*
  - TMDL report development (water body/bodies to be determined)

2030

- (January) Redistribute ND Impaired Waters Public Survey to inform 2030-2032 commitments
- (January) Identify TMDL stream and lake sampling priorities in the Red River basin and coordinate with field staff for 2030 monitoring efforts
- (September 1, 2030) List of water body commitments for 2030-2032 due to EPA
- (September 30, 2030) 2028-2030 water body commitments due to EPA
- *Ongoing*
  - TMDL report development (water body/bodies to be determined)

2031
- (January) Identify TMDL stream and lake sampling priorities in the James & Souris river basins and coordinate with field staff for 2031 monitoring efforts
- *Ongoing*
  - TMDL report development (water body/bodies to be determined)

2032
- (January) Distribute ND Impaired Waters Public Survey to inform next Vision
- (January) Identify TMDL stream sampling priorities in the Missouri River basin and coordinate with field staff for 2032 monitoring efforts
- (September 30, 2032) 2030-2032 water body commitments due to EPA
- *Ongoing*
  - TMDL report development (water body/bodies to be determined)

APPENDIX A – North Dakota Impaired Waters Public Survey

In January 2024 a seven-question survey seeking input on water quality priorities was distributed to the public. The “Impaired Waters Public Survey” was shared in an NDDEQ press release, on social media pages, in ND Water magazine, radio, email, and by word-of-mouth. The survey was open for one month, available in English and Spanish, and received 242 responses.

Every two years, in advance of Vision 2 water body commitment periods (see Section 8.2 Vision 2 Planning Timeline), the survey will be redistributed to help identify new or changing public priorities.

Survey flyer

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Impaired Waters Public Survey

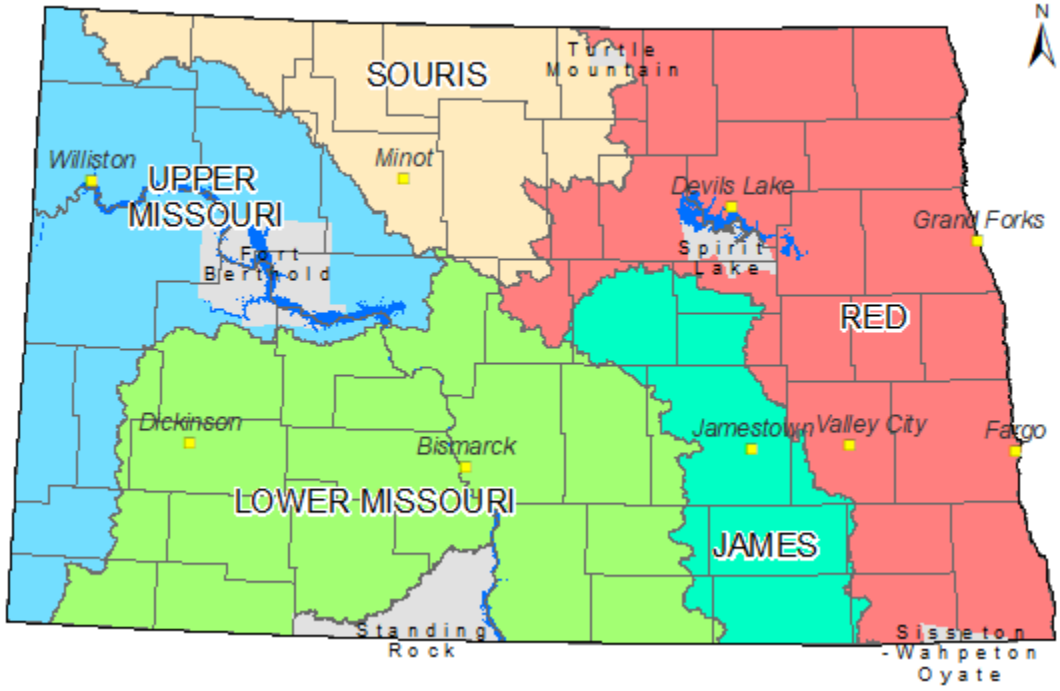
North Dakota Environmental Quality (DEQ) is developing a 10-year strategy for ongoing efforts to address impaired waters and is seeking input on local priorities. The 10-year strategy will address how and why DEQ plans to approach surface water quality issues, including developing Total Maximum Daily Loads (TMDLs). A TMDL is the amount of a pollutant (for example, bacteria) a water body can handle and still meet water quality standards (for example, standards that protect recreation activities). Impaired waters often need a TMDL to identify pollutant sources and determine next steps to improve watershed health. This Strategy will support long-term, statewide water quality planning and will not be regulation or policy.

Language assistance services are available free of charge to you. To request accommodations, contact the NDDEQ Non-discrimination/EJ Coordinator at 701-328-5150 or deqEJ@nd.gov. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

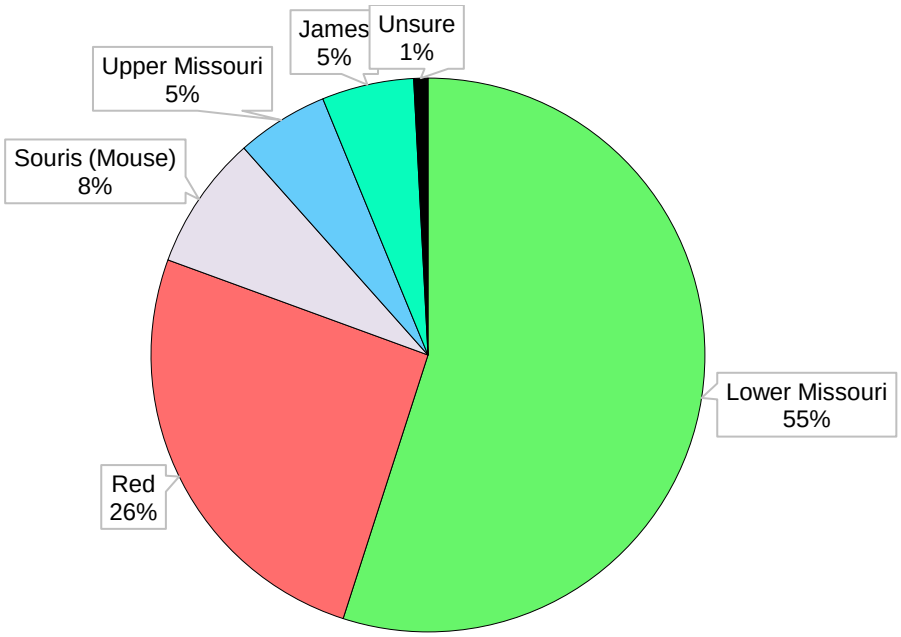
Screen capture of survey description

January 2024 Questions and Results

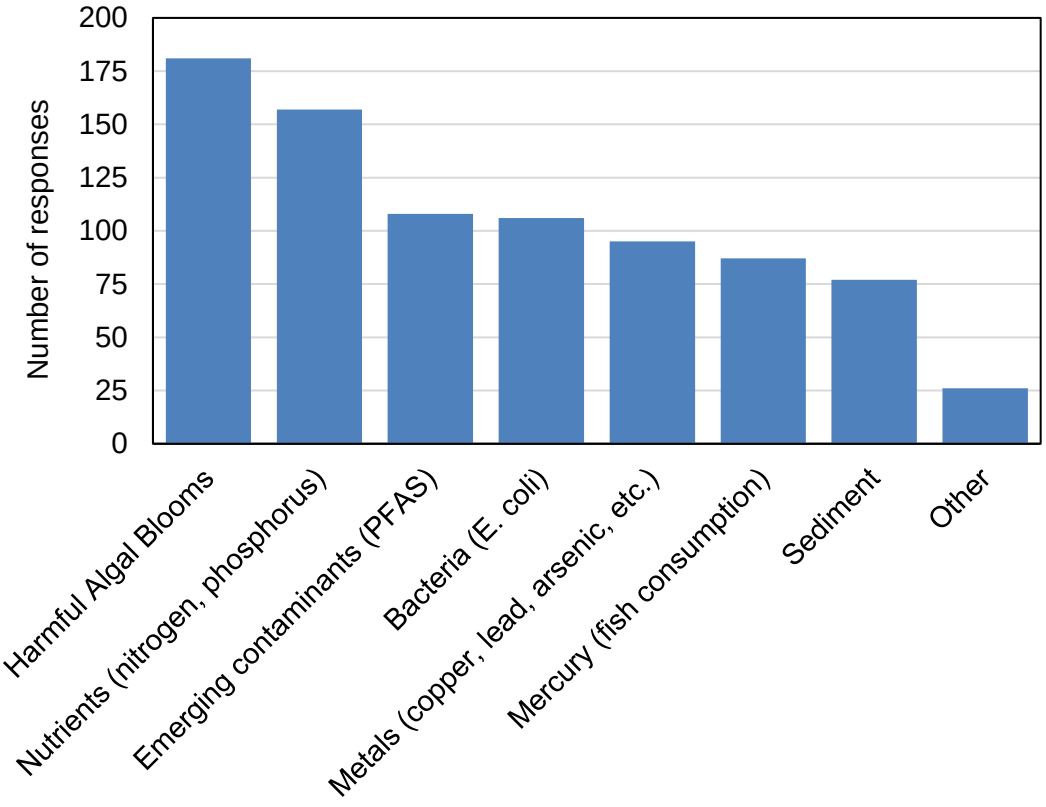
1) Which North Dakota watershed do you live in (see map below)?



Total number of responses: 242/242



2) Which pollutants are of greatest concern to *you* in nearby lakes and streams? (check all that apply)

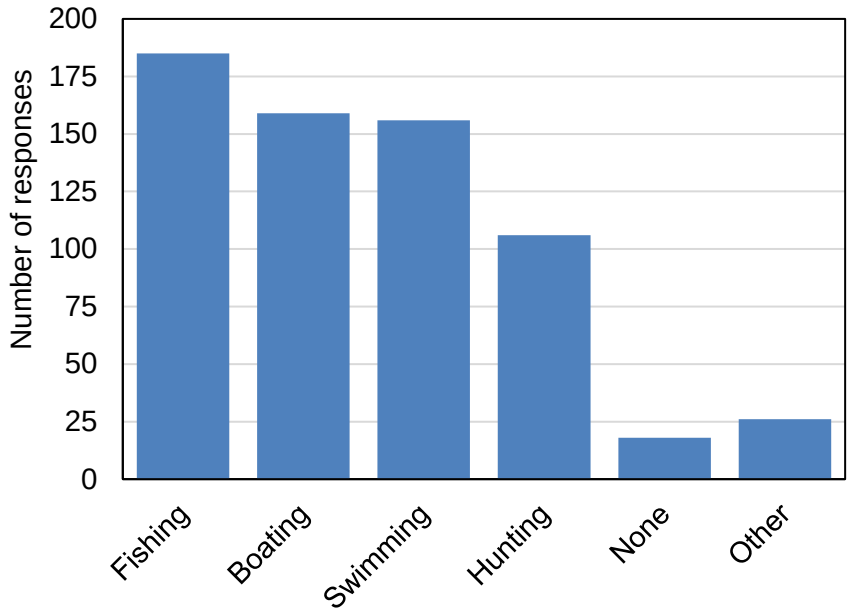


Total number of responses: 242/242

"Other" broken down by general category and number of responses:

- Oil/gas industrial processes (8 responses)
  - CO_2 (1)
  - Fracking water (1)
  - Oil/gas (1)
  - Oil field contamination to include salt water, oil and drilling/productions products and by-products (1)
  - Petroleum industry products/chemicals (1)
  - Potential oil spills (1)
  - Salt water, brine, produced water (1)
  - Salt water and crude oil (1)
- Other/general industrial processes (7 responses)
  - Chlorine (1)
  - Factory usage and discharge (1)
  - Fluoride (2)
  - Nano-plastics (1)
  - New factories coming that will dump into the river by Trenton, ND (1)
  - Radioactive waste (1)
- Pharmaceuticals (5 responses)
- Agriculture (3 responses)
  - Farming chemicals (1)
  - Neonicotinoids [insecticide] (1)
  - Roundup (1)
- Trash (1 response)
  - Tourist garbage (1)
- Aquatic Nuisance Species (ANS) (1 response)
  - Milfoil (1)

3) Which water recreation activities do you participate in at nearby lakes and streams? (check all that apply)

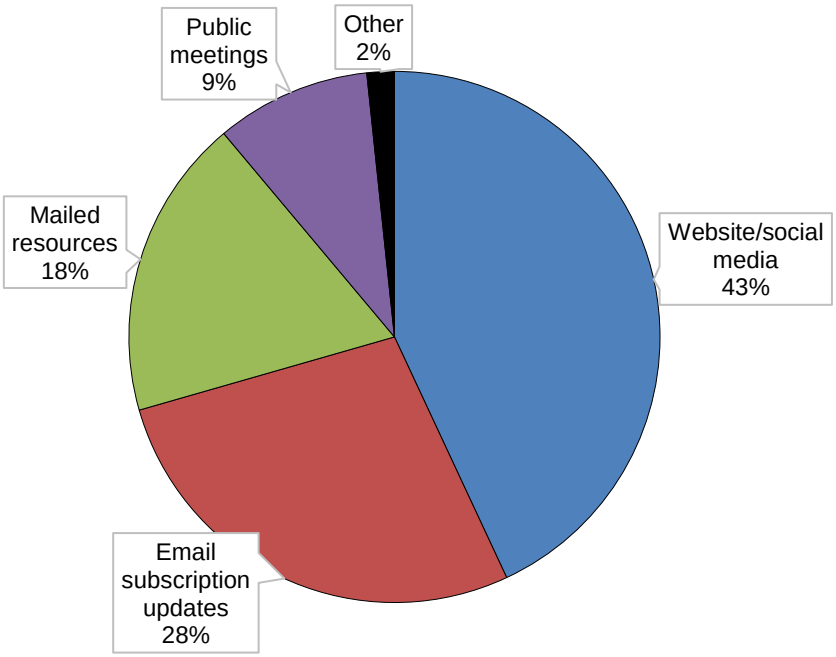


Total number of responses: 242/242

"Other" broken down by general category and number of responses:

- Non-motorized watercraft (15 responses)
  - Kayaking (11)
  - Paddleboarding (2)
  - Canoeing (1)
  - Non-motorized boating (1)
- Wildlife/Scenery (6 responses)
  - Birding/birdwatching (2)
  - Botany (1)
  - Enjoying scenery (1)
  - Photography (1)
  - Wildlife watching (1)
- Dogs swimming/training (5 responses)
- Hiking (5 responses)
- Golf (2 responses)
- Drinking (1 response)
- Kiteboard and wing foil (1 response)
- Playing along shore (1 response)
- Tubing (1 response)

4) What is your preferred method of receiving water quality information?



Total number of responses: 239/242

“Other” responses (6 total):

- Annual water quality report
- EPA CYAN app
- Friend
- Information booth during community events, posters in public places (library, grocery stores, post office)
- Local news
- News reports

5) Are you interested in learning more about local watershed projects? (If Yes, please provide contact information below)

No: 141
Yes: 87

228/242 responses

6) If you would like someone with DEQ to contact you regarding water quality concerns, please enter your name and phone number or email below.

30 responses

7) Please share any additional comments or concerns you have regarding water quality in North Dakota.

   60 (anonymous) responses

   Each response shares a concern, question, or appreciation of water quality in North Dakota. Collectively, responses represent several main themes:

   - Concerns for fish populations and recreation opportunities
   - Concerns for Fluoride in drinking water
   - Concerns for non-agricultural activities such as urban runoff, lawn care, leaking lagoons, and leaking septic systems
   - Concerns for unregulated agricultural activities such as nutrient management, water body buffers, and the impact of tile drainage
   - Ineffective TMDLs
   - Requests to improve public notice of Harmful Algal Blooms

APPENDIX B – Bridge Period Commitments

Initial bridge period commitments were selected based on 1) remaining Vision 1 priorities, 2) water body class (deprioritized class 3 streams with recreation impairments due to potential changes to water quality standards), 3) data needs (developing new datasets where data on previously listed recreation-impaired waters is > 10 years old or is incomplete), and 4) staff resources. Status and progress of bridge period commitments are detailed in Table B1.

Table B1: NDDEQ Vision 2 bridge period water body commitments and status/progress as of 01/01/2024. Water body commitments were selected based on sampling planned for 2022 & 2023 for select remaining Vision 1 priorities, and TMDLs under review by EPA.

Name	Water Body ID	Parameter	Submitted Bridge Status (09/30/2022)	Progress and Status as of 01/01/2024
James River	ND-10160001-013-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (descriptions, tables, maps, figures). Status: Deprioritized upon developing new staff project areas.
James River	ND-10160001-023-S_00	*E. coli*	In Progress	Progress: TMDL Data Intensification sampling 2022. Status: Deprioritized upon developing new staff project areas. Water body remains on ambient monitoring list.
Tribs to Maple River	ND-09020205-018-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (descriptions, tables, maps, figures). TMDL Data Intensification sampling 2022, 2023. Status: Deprioritized upon developing new staff project areas. Watershed has active NPS project addressing parameter.
Tribs to Maple River	ND-09020205-017-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (descriptions, tables, maps, figures). TMDL Data Intensification sampling 2022, 2023. Status: Deprioritized upon developing new staff project areas. Watershed has active NPS project addressing parameter.
Sheyenne River	ND-09020204-022-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (description, tables, maps, figures). TMDL Data Intensification sampling 2022, 2023. Status: Deprioritized upon developing new staff project areas. Watershed has active NPS project addressing parameter. Water body remains on ambient monitoring list.

Name	Water Body ID	Parameter	Submitted Bridge Status (09/30/2022)	Progress and Status as of 01/01/2024
Sheyenne River	ND-09020204-015-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (description, tables, maps, figures). Status: Deprioritized upon developing new staff project areas. Water body remains on ambient monitoring list.
Heart River	ND-10130203-009-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (description, tables, maps, figures), land use analysis, water quality standards, pollutant source identification, and preliminary data analysis. TMDL Data Intensification sampling 2022, 2023. Status: Deprioritized upon developing new staff project areas. Water body remains on ambient monitoring list.
Heart River	ND-10130202-012-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (descriptions, tables, maps, figures), land use analysis, water quality standards, pollutant source identification, and preliminary data analysis. TMDL Data Intensification sampling 2022, 2023. Status: TMDL Data Intensification sampling 2024. TMDL report development ongoing including coordination with local watershed groups. Water body remains on ambient monitoring list.
Little Missouri River	ND-10110205-001-S_00	*E. coli*	In Progress	Progress: TMDL Data Intensification sampling 2022. Status: Deprioritized upon developing new staff project areas. Water body remains on ambient monitoring list.
Little Missouri River	ND-10110205-033-S_00	*E. coli*	In Progress	Progress: TMDL Data Intensification sampling 2022. Status: Deprioritized upon developing new staff project areas. Water body remains on ambient monitoring list.
Turtle Creek Watershed	ND-10130101-036-S_00	*E. coli*	In Progress	Progress: TMDL Data Intensification sampling 2023. Status: Deprioritized upon developing new staff project areas.
Knife River	ND-10130201-002-S_00	*E. coli*	In Progress	Progress: Draft TMDL report in development including background and watershed information (description, tables, maps, figures). TMDL Data Intensification sampling 2021, 2023. Status: Deprioritized upon developing new staff project areas.

Name	Water Body ID	Parameter	Submitted Bridge Status (09/30/2022)	Progress and Status as of 01/01/2024
Crooked Creek Watershed	ND-09020105-017-S_00	*E. coli*	Complete	Progress: TMDL report public notice period July/August 2023. Draft report complete. Status: Preparing final submission.
Trib to Wild Rice River	ND-09020105-014-S_00	*E. coli*	Complete	Progress: TMDL report public notice period July/August 2023. Draft report complete. Status: Preparing final submission.
Wild Rice River∞	ND-09020105-018-S_00	*E. coli*	Complete	Progress: TMDL report public notice period July/August 2023. Draft report complete. Status: Preparing final submission.
Wild Rice River∞	ND-09020105-022-S_00	*E. coli*	Complete	Progress: TMDL report public notice period July/August 2023. Draft report complete. Status: Preparing final submission.
Shortfoot Creek∞	ND-09020105-016-S_00	*E. coli*	Complete	Progress: TMDL report public notice period July/August 2023. Draft report complete. Status: Preparing final submission.
Antelope Creek	ND-09020105-005-S_00	*E. coli*	In Progress	Progress: Located previously approved fecal coliform TMDL. Water body is eligible for fecal coliform-*E. coli* translator to update to existing water quality standards (translator currently in development). Status: Updated TMDL in development under draft fecal coliform-*E. coli* translator. Watershed has active NPS project addressing parameter.

∞denotes watershed shared with tribal land

APPENDIX C – North Dakota Impaired Waters by Major Basin

The following tables detail 303(d) listed waters by major basin as they appear in the 2020-2022 NDDEQ Integrated Report, as well as any available datasets from the previous 10 years (2013-2023), active and previous NPS projects, and water body planning for Vision 2 (2022-2032). Below is an explanation and reference for the content and abbreviations in each table.

"Name" = water body name

"Water Body ID" = assessment unit (AU) ID

"Beneficial Uses (2020/2022 IR)" = beneficial uses associated with water body, assessment status, and impairment parameter(s) as listed in the 2020/2022 NDDEQ Integrated Report (IR) which is based on 10/01/2010-09/30/2020 data. Designated uses not being supported and their associated impairment parameter(s) are both in **bold** for each water body.

Uses and Abbreviations	Assessment Categories and Abbreviations
Agriculture	Fully Supporting ("FS")
Fish and Other Aquatic Biota ("Fish/Aq. Biota")	Fully Supporting, Threatened ("FS, Threatened")
Fish Consumption ("Fish Consump.")	Not Supporting
Industrial	Insufficient Information ("Insuff. Info")
Municipal and Domestic ("Munic./Domestic")	Not Assessed
Recreation	

Impairment Parameter Abbreviations

"As" = Arsenic	"Ecol" = *Escherichia coli (E. coli)*	"Nut." = Nutrients
"Benthic/Fish" = Combination benthic/fish bioassessments	"Eutr." = Eutrophication, nutrients	"Pb" = Lead
"Bio/Habitat" = Combined biota/habitat bioassessments	"Fc" = Fecal coliform	"S" = Sulfate
"Cd" = Cadmium	"Fish" = Fish bioassessments	"Se" = Selenium
"Cl" = Chloride	"Hg" = Methylmercury	"Sed." = Sedimentation/siltation
"Cu" = Copper	"Macro." = Benthic macroinvertebrates bioassessments	"TDS" = Total dissolved solids
"DO" = Dissolved oxygen		

"Sample History 2013-23" = available data from 2013-2023, excluding 2023 benthic data. Data types identified as causing impairments are in **bold**. Water bodies with no known datasets since 2013 are entered as 'None' but may have data prior to 2013. Excludes some external agency data (see table footnote descriptions).

Data Type Abbreviations

"Benthics" = macroinvertebrates	"Fsh" = Fish species count	"Nut." = Nutrients	"Or" = Organics	"Sed." = Sediment
"Ch" = Chlorophyll	"Gc" = General chemistry	"OD" = Oxygen demand	"Pa" = Pathogens	"Te" = Trace elements

"Sampling Projects 2013-23" = projects supported by the NDDEQ Watershed Management Program (WMP) where water quality sampling was performed on, or is planned for, the associated water body ID during 2013-2023. See table footnote descriptions.

"Planning (as of 01/01/2024)" = draft planning for Vision 2, as of 01/01/2024, including considerations for two-year water body progress commitments to EPA such as active NPS projects in the watershed area, NDDEQ rotational basin monitoring, NDDEQ ambient monitoring, TMDL sampling intensification, post-implementation monitoring of water bodies with previous NPS projects in their watershed area, and reassessment of water bodies lacking impairment parameter data for the previous 10-year period (water body name marked with an "*").

Table C1. James River Basin 303(d) listed waters based on the 2020-2022 Integrated Report.

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Jamestown Reservoir	ND-10160001-002-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2023 (Ch,Gc,**Nut**,Sed,Te) 2022 (**Nut**,Pa,Sed) 2021 (Ch,Gc,**Nut**,Sed,Te)	2023-2026 Jamestown Reservoir Watershed Implementation 2021 Lake Water Quality Assessment	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2031 NDDEQ James basin monitoring
James River*	ND-10160001-002-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro.)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not assessed Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
James River*	ND-10160001-003-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO)** *(4C Flow)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
James River	ND-10160001-013-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info. Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info. **Recreation: Not Supporting (Ecol)**	2013-2015 (**Pa**)	2013-2015 James River Headwaters Watershed Implementation Phase 2 2007-2013 James River Headwaters Watershed Implementation Phase 1	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Rocky Run*	ND-10160001-018-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: FS, Threatened (Fc)**	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Rocky Run*	ND-10160001-021-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: FS, Threatened (Fc)**	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
James River	ND-10160001-023-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info. Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info. **Recreation: Not Supporting (Ecol)**	2022-2023 (Gc,Nut,**Pa**, Sed,Te) 2021 (Gc,Nut,**Pa**,Sed,Te, Benthics,Fsh) 2013-2020 (Gc,Nut,**Pa**, Sed,Te)	1997-present Ambient Water Quality Monitoring 2022 TMDL Data Intensification Assessment 2021 Fish Tissue Surveillance 2021 IBI Development	2023-2024 Ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Pipestem Reservoir*	ND-10160002-001-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Beaver Creek	ND-10160003-005-S_00	Agriculture: FS Fish/Aq. Biota: FS Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2021 (Gc,Nut,Sed,Te, Benthics, Fsh) 2017 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed,Gc,Te, Benthics,Fsh) 2015 (Nut,**Pa**,Sed,Te, Benthics) 2013-2014 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2021 Fish Tissue Surveillance 2016, 2021 IBI Development 2008-2017 Beaver Creek and Seven Mile Coulee Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Buffalo Creek	ND-10160003-008-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2016-2017 (**Pa**) 2015 (Nut,**Pa**,Sed,Te, Benthics) 2013-2014 (**Pa**)	2023 TMDL Data Intensification Assessment 2008-2017 Beaver Creek and Seven Mile Coulee Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Seven Mile Coulee Watershed	ND-10160003-013-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info. Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2021 (Gc,Nut,Sed,Te,Fsh) 2017 (Nut,**Pa**,Sed,) 2015 (Nut,**Pa**,Sed,Te, Benthics) 2013-2014 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2021 IBI Development 2008-2017 Beaver Creek and Seven Mile Coulee Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Elm River*	ND-10160004-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Flow, 4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Maple River*	ND-10160004-002-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Industrial: FS Munic./Domestic: Insuff. Info. **Recreation: Not Supporting** *(4A Fc)*	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Elm River*	ND-10160004-005-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Upper Elm River Watershed Upper*	ND-10160004-006-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Bristol Gulch Watershed*	ND-10160004-007-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributaries to the Elm River*	ND-10160004-008-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Tributary to Pheasant Lake*	ND-10160004-009-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Maple River	ND-10160004-013-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** (*4A Fc*)	2021 (Gc,Nut,**Sed**,Te, Benthics,Fsh) 2016 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2016, 2021 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
South Fork Maple River*	ND-10160004-015-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting** *(4A Fc)*	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

Name (James)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Maple Creek*	ND-10160004-022-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting** *(4A Fc)*	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring
Maple River*	ND-10160004-026-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Fc)*	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2026 or 2031 NDDEQ James basin monitoring

†Sample and project history represent available data associated with NDDEQ Watershed Management Program (WMP) projects and identified stations; any external agency/organization data included in this history is associated with a WMP project
*The available data for one or more of the associated impairment parameters predates 2013 (as of 01/01/2024)
4C represents impairment due to a non-pollutant such as Flow Regime Modification ("Flow") and Physical Substrate Habitat Alteration ("Phys. Habitat")
4A represents an EPA-approved TMDL for the associated parameter(s)
5A represents an EPA-accepted Alternative (Advanced) Restoration Plan for the associated parameter(s)

Table C2. Missouri River Basin (S&W of river) 303(d) listed waters based on the 2020-2022 Integrated Report.

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Charbonneau Creek	ND-10100004-008-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish)** Industrial: FS Recreation: Not Assessed	2013 (**Benthics,Fsh**)	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Handy Water Creek Watershed*	ND-10110101-056-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Little Missouri River*	ND-10110203-001-S_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Ecol)**	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Deep Creek	ND-10110203-003-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO)** Industrial: FS **Recreation: FS, Threatened** *(4A Fc)*	2023 (Te) 2022 (Gc,Nut,Sed,Te, Benthics,Fsh) 2018 (Benthics,Fsh) 2013 (Benthics,Fsh)	2022 Fish Tissue Surveillance 2008, 2009, 2022, 2023 IBI Development	2023-2024 NDDEQ assessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Little Missouri Bay*	ND-10110205-001-L_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -
Little Missouri River	ND-10110205-001-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info. Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info. **Recreation: Not Supporting (Ecol)**	2013-2023 (Gc,Nut,**Pa**, Sed,Te)	1994-present Ambient Water Quality Monitoring 2022 TMDL Data Intensification Assessment	2023-2024 Ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Little Missouri River*	ND-10110205-033-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Ecol)**	2019 (Benthics,Fsh)	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Square Butte Creek	ND-10130101-002-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2023 (Pa)	2023-2024 TMDL Data Intensification Assessment	2023-2024 NDDEQ watershed assessment sampling; update 2024 IR water body name as “Otter Creek” 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Square Butte Creek	ND-10130101-009-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Insuff. Info. **Recreation: Not Supporting (Fc)**	2023 (**Pa**) 2013 (Benthics,Fsh)	2023-2024 TMDL Data Intensification Assessment	2023-2024 NDDEQ watershed assessment sampling 2025-2026 Finalize TMDL 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Knife River	ND-10130201-002-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Ecol)**	2023 (**Pa**,Te) 2021 (**Pa**)	2023 Fish Tissue Surveillance 2023 IBI Development 2021, 2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ assessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Antelope Creek	ND-10130201-014-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Fc)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Antelope Creek Watershed Upper	ND-10130201-016-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Fc)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Antelope Creek West Branch	ND-10130201-017-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Fc)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Lake Tschida (Heart Butte Reservoir)	ND-10130202-001-L_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2023 (Ch,Gc,**Nut**,Sed,Te) 2021 (Ch,**Nut**)	2023 Lake Water Quality Assessment 2021 Lake Tschida Water Quality Assessment	2023-2024 NDDEQ drainage monitoring, NDDEQ Missouri (S&W) basin lake monitoring 2023 2025-2026 NDDEQ drainage monitoring 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Heart River	ND-10130202-012-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Ecol)**	2013-2023 (Gc,Nut,**Pa**,Sed,Te)	1994-present Ambient Water Quality Monitoring 2022-2024 TMDL Data Intensification Assessment	2023-2024 NDDEQ watershed assessment sampling, Ambient monitoring 2025-2026 Finalize TMDL, Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Heart River	ND-10130202-050-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** *(4C Flow, 4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Crown Butte Dam	ND-10130203-002-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4A DO, 4A Nut.)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Nut.)*	2018 (Ch,Gc,**Nut**,**Sed**,Te) 2016 (Ch,Gc,**Nut**,**Sed**,Te) 2013 (Ch,Gc,**Nut**,**Sed**,Te)	2013-2018 Morton County Northeastern Watershed Implementation	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -
Big Muddy Creek	ND-10130203-002-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Industrial: FS Munic./Domestic: Insuff. Info **Recreation: Not Supporting (Ecol)**	2022-2023 (Nut,**Pa**,Sed) 2017-2018 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2022-2027 Hailstone Creek Danzig Dam Watershed Implementation 2015-2018 Big Muddy Creek Watershed Assessment	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 NPS project sampling 2027 2029-2030 - 2031-2032 Evaluate for potential sampling during 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Fish Creek Dam	ND-10130203-004-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: FS	2019 (Ch,Gc,Nut,Sed,Te)	2019 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -
Danzig Dam*	ND-10130203-007-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4A DO, 4A Nut.)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Nut.)*	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Heart River	ND-10130203-009-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Ecol)**	2020-2023 (Gc,Nut,**Pa**, Sed,Te) 2019 (Gc,Nut,**Pa**,Sed,Te, Benthics,Fsh) 2018 (Gc,Nut,**Pa**,Sed,Te) 2017 (Gc,Nut,**Pa**,Sed,Te, Benthics,Fsh) 2013-2016 (Gc,Nut,**Pa**, Sed,Te)	1994-present Ambient Water Quality Monitoring 2022-2023 TMDL Data Intensification Assessment 2017 IBI Development	2023-2024 NDDEQ watershed assessment sampling 2023, ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Big Muddy Creek	ND-10130203-032-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Ecol)**	2022-2023 (Nut,**Pa**,Sed) 2018 (Nut,**Pa**,Sed) 2017 (Nut,**Pa**,Sed,Gc,Te, Benthics, Fsh) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2022-2027 Hailstone Creek Danzig Dam Watershed Implementation 2015-2018 Big Muddy Creek Watershed Assessment 2017 IBI Development	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 NPS project sampling 2027 2029-2030 - 2031-2032 Evaluate for potential sampling during 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Wilson Creek Watershed	ND-10130203-046-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2022-2023 (Nut,**Pa**,Sed) 2015-2018 (Nut,**Pa**,Sed)	2022-2027 Hailstone Creek Danzig Dam Watershed Implementation 2015-2018 Big Muddy Creek Watershed Assessment	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 NPS project sampling 2027 2029-2030 - 2031-2032 -
Larson Lake	ND-10130204-002-L_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Nut.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2023 (Ch,Gc,**Nut**,Sed,Te) 2014 (Ch,Gc,**Nut**,Or,Sed, Te)	2023 Lake Water Quality Assessment 2014 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Mott Watershed Dam	ND-10130204-005-L_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Nut.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2014 (Ch,Gc,**Nut**,Or,Sed, Te)	2014 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -
Thirty Mile Creek	ND-10130204-014-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** Industrial: FS **Recreation: FS, Threatened (Ecol)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Cedar Creek	ND-10130205-001-S_00	Agriculture: FS Fish/Aq. Biota: FS Industrial: FS Munic./Domestic: Insuff. Info **Recreation: Not Supporting (Ecol)** *(4A Fc)*	2020-2023 (Gc,Nut,**Pa**, Sed,Te) 2019 ((Gc,Nut,**Pa**,Sed,Te Benthics,Fsh) 2015-2018 (Gc,Nut,**Pa**, Sed,Te) 2014 (Gc,Nut,**Pa**,Sed,Te Benthics,Fsh) 2013 (Gc,Nut,**Pa**,Sed,Te)	1993-present Ambient Water Quality Monitoring 2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Cedar Lake	ND-10130205-003-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: FS	2023 (Ch,Gc,Nut,**Sed**,Te)	2023 Lake Water Quality Assessment	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Plum Creek Watershed*	ND-10130205-021-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: FS, Threatened (Fc)**	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Cedar Creek*	ND-10130205-033-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** *(4C Flow, 4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Fc)*	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Cedar Creek*	ND-10130205-042-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Fc)*	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
North Fork Cedar Creek Watershed*	ND-10130205-043-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributaries to Cedar Creek*	ND-10130205-044-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
South Fork Cedar Creek Watershed*	ND-10130205-045-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Cedar Creek Watershed Upper*	ND-10130205-046-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
North Cedar Creek Watershed	ND-10130205-047-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting (Fc)**	2014 (Benthics,Fsh)	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Dogtooth Creek	ND-10130206-008-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2017 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2015-2017 Cannonball River Dogtooth Creek Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Dogtooth Creek	ND-10130206-010-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2017 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2015-2017 Cannonball River Dogtooth Creek Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Louse Creek	ND-10130206-016-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2017 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2015-2017 Cannonball River Dogtooth Creek Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Louse Creek	ND-10130206-018-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2017 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2015-2017 Cannonball River Dogtooth Creek Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Chanta Peta Creek	ND-10130206-022-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2017 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed, Benthics) 2015 (Nut,**Pa**,Sed)	2023 TMDL Data Intensification Assessment 2015-2017 Cannonball River Dogtooth Creek Watershed Implementation	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Bowman-Haley Dam	ND-10130301-001-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2021-2023 (Ch,**Nut**,Sed) 2014 (Ch,Gc,**Nut**,Or,Sed, Te)	2021-2024 Bowman-Haley Reservoir HAB Assessment 2014 Lake Water Quality Assessment	2023-2024 NPS project sampling 2025-2026 - 2027-2028 Evaluate for potential sampling during 2028 NDDEQ Missouri (S&W) basin lake monitoring 2029-2030 - 2031-2032 -

Name (Missouri S&W)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Flat Creek	ND-10130303-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Nut.)** Industrial: FS Recreation: Not Assessed	2022-2023 (**Nut**,Pa,Sed)	2022-2024 Mirror Lake Flat Creek Assessment	2023-2024 NPS project sampling 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Flat Creek	ND-10130303-003-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: FS, Threatened (Fc)**	2022-2023 (Nut,**Pa**,Sed)	2022-2024 Mirror Lake Flat Creek Assessment 2014 NDGF Investigations	2023-2024 NPS project sampling 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

†Sample and project history represent available data associated with NDDEQ Watershed Management Program (WMP) projects and identified stations; any external agency/organization data included in this history is associated with a WMP project

*The available data for one or more of the associated impairment parameters predates 2013 (as of 01/01/2024)
4C represents impairment due to a non-pollutant such as Flow Regime Modification ("Flow") and Physical Substrate Habitat Alteration ("Phys. Habitat")
4A represents an EPA-approved TMDL for the associated parameter(s)
5A represents an EPA-accepted Alternative (Advanced) Restoration Plan for the associated parameter(s)

Table C3. Missouri River Basin (N&E of river) 303(d) listed waters based on the 2020-2022 Integrated Report.

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Powers Lake	ND-10110101-001-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A DO, 4A Nut.)*	2015-2022 (Ch,Gc,**Nut**, **Sed**,Te) 2013 (Ch,**Nut**,**Sed**)	2000-2022 Powers Lake Watershed Implementation	2023-2024 NPS project sampling 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -
Stanley Reservoir*	ND-10110101-009-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	None	NDDEQ 2024 Lake Water Quality Assessment	2023-2024 NDDEQ 2024 Lake Water Quality Assessment 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Lake Sakakawea	ND-10110101-021-L_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	2023 (Te)	2023 Fish Tissue Surveillance	*Water body monitored by U.S. Army Corps of Engineers*
Little Knife River*	ND-10110101-080-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Fc)**	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Cottonwood Lake	ND-10110102-001-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2014 (Ch,Gc,**Nut**,Or,Sed, Te)	2014 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -
Little Muddy River	ND-10110102-001-S_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Fc)**	2023 (Nut,**Pa**,Sed)	2023-2024 Blacktail Dam Watershed Assessment	2023-2024 NPS project sampling 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Painted Woods Creek	ND-10130101-001-S_00	Agriculture: FS Fish/Aq. Biota: FS Industrial: FS **Recreation: Not Supporting (Ecol)**	2022-2023 (Nut,**Pa**,Sed) 2016-2017 (Gc,Nut,**Pa**, Sed,Te)	2016-2024 Painted Woods Creek Watershed Assessment	2023-2024 NPS project sampling 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Painted Woods Creek Watershed	ND-10130101-027-S_00	Agriculture: FS Fish/Aq. Biota: FS Industrial: FS **Recreation: Not Supporting (Ecol)**	2022-2023 (Nut,**Pa**,Sed) 2016-2017 (Gc,Nut,**Pa**, Sed,Te)	2016-2024 Painted Woods Creek Watershed Assessment	2023-2024 NPS project sampling 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Turtle Creek*	ND-10130101-035-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	None	None	2023-2024 - 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring
Upper Turtle Creek Watershed	ND-10130101-036-S_00	Agriculture: FS Fish/Aq. Biota: FS Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2018 (Gc,Nut,**Pa**,Sed,Te) 2014 (Gc,Nut,Sed,Te)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 2025-2026 - 2027-2028 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring 2029-2030 - 2031-2032 Evaluate for potential sampling during 2027 or 2032 NDDEQ Missouri basin stream monitoring

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Braddock Lake	ND-10130103-003-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4A DO, 4A Nut.)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Sed.)** *(4A Nut.)*	2019 (Ch,Gc,**Nut**,**Sed**,Te)	2019 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -
Lake Isabel	ND-10130103-010-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO, Nut., Eutr.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2016 (Ch,Gc,**Nut**,Sed,Te)	2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Rudolph Lake	ND-10130103-012-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2016 (Ch,Gc,**Nut**,Sed,Te)	2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -
Mitchell Lake	ND-10130103-013-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO, Nut.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2016 (Ch,Gc,**Nut**,Sed,Te)	2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -

Name (Missouri N&E)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Beaver Lake*	ND-10130104-001-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO, Nut., Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	None	2024 NDDEQ Lake Water Quality Assessment	2023-2024 NDDEQ 2024 Lake Water Quality Assessment 2025-2026 - 2027-2028 - 2029-2030 Evaluate for potential sampling during 2029 NDDEQ Missouri (N&E) basin lake monitoring 2031-2032 -

†Sample and project history represent available data associated with NDDEQ Watershed Management Program (WMP) projects and identified stations; any external agency/organization data included in this history is associated with a WMP project
*The available data for one or more of the associated impairment parameters predates 2013 (as of 01/01/2024)
4C represents impairment due to a non-pollutant such as Flow Regime Modification ("Flow") and Physical Substrate Habitat Alteration ("Phys. Habitat")
4A represents an EPA-approved TMDL for the associated parameter(s)
5A represents an EPA-accepted Alternative (Advanced) Restoration Plan for the associated parameter(s)

Table C4. Red River Basin 303(d) listed waters based on the 2020-2022 Integrated Report.

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Bois de Sioux River	ND-09020101-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed., Bio/Habitat)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2020 (Gc,Nut,**Sed**,Te, Benthics,Fsh) 2015 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2015, 2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Bois de Sioux River	ND-09020101-002-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Sed.)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Ecol)**	2013-2023 (Gc,Nut,**Pa**, **Sed**,Te)	2000-present Ambient Water Quality Monitoring 2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River	ND-09020104-001-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Ecol)**	2013-2023 (Gc,Nut,**Pa**, **Sed**,Te)	1993-present Ambient Water Quality Monitoring 2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ reassessment sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Red River	ND-09020104-002-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	2018-2023 (Gc,Nut,Pa, Sed,Te) 2017 (Gc,Nut,Pa,Sed,Te, Benthics,Fsh) 2013-2016 (Gc,Nut,Pa, Sed,Te)	2013-2023 River Keepers Red River Volunteer Monitoring	2023-2024 NPS project sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River	ND-09020104-003-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	2013-2023 (Gc,Nut,Pa, Sed,Te)	2013-2023 River Keepers Red River Volunteer Monitoring	2023-2024 NPS project sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring
Red River	ND-09020104-004-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	2018-2023 (Gc,Nut,Pa, Sed,Te) 2017 (Gc,Nut,Pa,Sed,Te, Benthics,Fsh) 2013-2016 (Gc,Nut,Pa, Sed,Te)	2000-present Ambient Water Quality Monitoring 2013-2023 River Keepers Red River Volunteer Monitoring	2023-2024 NPS project sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River	ND-09020104-005-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Not Assessed Recreation: FS	2017 (Benthics,Fsh)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Wild Rice River	ND-09020105-001-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Sed., Bio/Habitat)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Recreation: FS	2018-2023 (Gc,Nut,Pa, **Sed**,Te) 2017 (Gc,Nut,Pa,**Sed**,Te, Benthics,Fsh) 2016 (Gc,Nut,Pa, **Sed**,Te, Benthics) 2013-2015 (Gc,Nut,Pa,**Sed**,Te)	2013-2023 River Keepers Red River Volunteer Monitoring 2016 Richland County Watershed Implementation	2023-2024 NPS project sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Mooreton Pond	ND-09020105-002-L_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (TDS)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2020 (Ch,Gc,Nut,Sed,Te) 2013-2014 (Ch,Gc,Nut, Sed,Te)	2020 Lake Water Quality Assessment 2002-2014 Mooreton Pond Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -
Wild Rice River	ND-09020105-003-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, DO, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Recreation: FS, Threatened** *(4A FC, 4A Ecol)*	2017-2023 (Gc,Nut,**Pa**, **Sed**,Te) 2016 (Gc,Nut,**Pa**,**Sed**,Te, Benthics) 2013-2015 (Gc,Nut,**Pa**, **Sed**,Te)	1993-present Ambient Water Quality Monitoring 1996-2026 Richland County Watershed Assessment and Implementation	2023-2024 NPS project sampling and ambient monitoring 2025-2026 NPS project sampling and ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Antelope Creek	ND-09020105-005-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: FS, Threatened (Ecol)** *(4A Fc)*	2021-2023 (Nut,**Pa,Sed**) 2020 (Gc,Nut,**Pa,Sed**,Te, Benthics,Fsh) 2016-2019 (Nut,**Pa,Sed**) 2015 (Gc,Nut,**Pa,Sed**,Te, Benthics,Fsh) 2013-2014 (Nut,**Pa,Sed**)	1996-2026 Richland County Watershed Assessment and Implementation 2015, 2020 IBI Development	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Wild Rice River	ND-09020105-009-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Recreation: Not Supporting** *(4A Fc)*	2020-2023 (Nut,**Pa,Sed**) 2016 (Gc,Nut,**Sed**,Te, Benthics)	1996-2026 Richland County Watershed Assessment and Implementation	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Elk Creek Watershed	ND-09020105-010-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	2020 (Gc,Nut,Sed,Te, Benthics,Fsh)	2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -
Wild Rice River	ND-09020105-012-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Recreation: Not Supporting** *(4A FC, 4A Ecol)*	2022-2023 (Nut,**Pa,Sed**) 2020 (Gc,Nut,**Sed**,Te) 2018 (Benthics,Fsh) 2016 (Gc,Nut,**Sed**,Te, Benthics) 2015 (Gc,Nut,**Sed**,Te, Benthics, Fsh) 2013-2014 (Nut,**Pa,Sed**)	2009-2016 Richland County Watershed Assessment and Implementation 2022-2025 Wild Rice PTMApp Prioritization and Implementation 2011-2014 Wild Rice River Watershed Implementation 2015, 2020 IBI Development	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributary to the Wild Rice River	ND-09020105-014-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Benthic/Fish)** Industrial: FS **Recreation: Not Supporting (Ecol)**	2015 (Gc,Nut,Sed,Te, **Benthics,Fsh**)	2015 IBI Development	2023-2024 Finalize TMDL 2024 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Shortfoot Creek Watershed	ND-09020105-016-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Industrial: FS **Recreation: Not Supporting (Ecol)** *(4A Fc)*	2019-2023 (Nut,**Pa**,Sed) 2018 (Nut,**Pa**,Sed, Benthics) 2013-2017 (Nut,**Pa**,Sed)	2022-2025 Wild Rice PTMApp Prioritization and Implementation 1996-2021 Wild Rice River Watershed Implementation	2023-2024 NPS project sampling, Finalize TMDL 2024 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Crooked Creek Watershed	ND-09020105-017-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2015-2023 (Nut,**Pa**,Sed)	2022-2025 Wild Rice PTMApp Prioritization and Implementation 1996-2021 Wild Rice River Watershed Implementation	2023-2024 NPS project sampling, Finalize TMDL 2024 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Wild Rice River	ND-09020105-018-S_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2013-2014 (Nut,**Pa**,Sed)	2011-2014 Wild Rice River Watershed Implementation	2023-2024 Finalize TMDL 2024 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sprague Lake Watershed	ND-09020105-021-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Se)** Industrial: FS Recreation: Not Assessed	2013 (Gc,Nut,Sed,**Te**)	2009-2013 Red River Valley Tile Drainage Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Wild Rice River	ND-09020105-022-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Fish Consump.: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2013-2014 (Nut,**Pa**,Sed)	2011-2014 Wild Rice River Watershed Implementation	2023-2024 Finalize TMDL 2024 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River	ND-09020107-001-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Insuff. Info	2017 (Benthics,Fsh)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Elm River	ND-09020107-002-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Benthic/Fish)** Industrial: FS Recreation: Not Assessed	2015 (Gc,Nut,Sed,Te, **Benthics,Fsh**)	2015 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Elm River*	ND-09020107-004-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Elm River	ND-09020107-006-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	2015 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2015 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributaries to Elm River	ND-09020107-007-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Se)** Industrial: FS Recreation: Not Assessed	2013 (Gc,Nut,Sed,**Te**)	2010-2013 Red River Valley Tile Drainage Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Elm River*	ND-09020107-008-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
North Branch Elm River	ND-09020107-011-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	2018 (Benthics,Fsh) 2014 (Benthics,Fsh)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
North Branch Elm River Watershed Upper*	ND-09020107-013-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020107-014-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: Insuff. Info	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
South Branch Elm River*	ND-09020107-017-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
North Branch Goose River	ND-09020109-007-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	2020 (Gc,Nut,Sed,Te, **Benthics**,Fsh)	2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Goose River*	ND-09020109-011-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
South Branch Goose River*	ND-09020109-013-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
South Branch Goose River	ND-09020109-015-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS **Recreation: FS, Threatened (Ecol)**	2020 (Gc,Nut,Sed,Te, Benthics,Fsh) 2015 (Gc,Nut,Sed,Te, Benthics,Fsh)	2015, 2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Middle Branch Goose River*	ND-09020109-017-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Middle Branch Goose River*	ND-09020109-020-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Goose River*	ND-09020109-022-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Beaver Creek	ND-09020109-024-S_00	Agriculture: FS Fish/Aq. Biota: FS Industrial: FS **Recreation: FS, Threatened (Fc)**	2020 (Gc,Nut,Sed,Te, Benthics,Fsh)	2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Beaver Creek*	ND-09020109-027-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish, Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: FS, Threatened (Fc)**	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Spring Creek Watershed*	ND-09020109-029-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Industrial: FS **Recreation: Not Supporting (Fc)**	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Little Goose River*	ND-09020109-034-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Fish, Sed.)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Devils Lake	ND-09020201-006-L_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Not Assessed Recreation: FS	2013-2023 (Ch,Ge,Nut, Sed,Te)	1995-present Devils Lake Ambient Water Quality Assessment 2023 Fish Tissue Surveillance 2023 IBI Development	2023-2024 NDDEQ assessment sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Little Coulee*	ND-09020201-039-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Warsing Dam	ND-09020202-001-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO, Eutr., Nut., Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Eutr., Nut.)**	2021 (Ch,Gc,**Nut,Sed**,Te) 2016 (Ch,Gc,**Nut,Sed**,Te)	2021 TMDL Data Intensification Assessment 2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River*	ND-09020202-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Buffalo Lake	ND-09020202-003-L_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Nut.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2021 (Ch,**Nut**) 2020 (Ch,Gc,**Nut**,Sed,Te)	2021 TMDL Data Intensification Assessment 2020 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River	ND-09020202-004-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened** *(4A Ecol)*	2017-2020 (Nut,**Pa,Sed**)	2017-2020 Middle Sheyenne River Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Sheyenne River	ND-09020202-006-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Recreation: FS	2017-2020 (Nut,**Pa,Sed**)	2024-2025 Harvey Dam Watershed Assessment 2017-2020 Middle Sheyenne River Watershed Implementation	2023-2024 NPS project sampling 2024 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River	ND-09020202-012-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO)** Fish Consump.: Not Assessed Industrial: FS **Recreation: FS, Threatened** *(4A Ecol)*	2019 (Benthics,Fsh)	2024-2025 Harvey Dam Watershed Assessment	2023-2024 NPS project sampling 2024 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Lake Ashtabula	ND-09020203-001-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2013-2023 (Ch,Gc,**Nut**, Sed,Te)	1995-present Lake Ashtabula Water Quality Monitoring Assessment	2023-2024 Long-term assessment monitoring 2025-2026 Long-term assessment monitoring 2027-2028 Long-term assessment monitoring 2029-2030 Long-term assessment monitoring 2031-2032 Long-term assessment monitoring

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Baldhill Creek	ND-09020203-002-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: FS **Recreation: FS, Threatened** *(4A Ecol)*	2016-2018 (Nut,**Pa**,Sed) 2015 (Gc,Nut,**Pa**,Sed,Te, **Benthics**)	2015-2018 Griggs County Baldhill Creek Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Carlson-Tande Reservoir	ND-09020203-005-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO, Nut.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2020 (Ch,Gc,**Nut**,Sed,Te)	2020 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
McVille Dam	ND-09020203-007-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (DO, Nut., Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2016 (Ch,Gc,**Nut,Sed**,Te)	2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -
Pickerel Lake Creek Watershed	ND-09020203-012-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro.)** Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributary watershed to the Sheyenne River	ND-09020203-013-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Sheyenne River	ND-09020204-001-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: FS **Recreation: FS, Threatened (Fc)**	2023 (Te) 2017 (Benthics,Fsh)	2023 Fish Tissue Surveillance 2023 IBI Development	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Brewer Lake	ND-09020204-003-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4A DO, 4A Nut.)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Nut.)*	2020 (Ch,Gc,**Nut,Sed**,Te)	2020 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -
Sheyenne River	ND-09020204-003-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Fc)**	2017 (Benthics,Fsh)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Rush River	ND-09020204-004-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: FS, Threatened** *(4A Fc)*	2017 (Benthics,Fsh) 2020 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Rush River	ND-09020204-007-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish, Sed.)** *(4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting (Ecol)** *(4A Fc)*	2020 (Gc,Nut,**Sed**,Te, **Benthics, Fsh**) 2013-2014 (**Pa**)	2010, 2020 IBI Development 2008-2014 Rush River Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River	ND-09020204-015-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: Not Supporting (Ecol)**	2018-2023 (Gc,Nut,Pa, **Sed**,Te) 2017 (Gc,Nut,Pa,**Sed**,Te, Benthics,Fsh) 2013-2016 (Gc,Nut,Pa, **Sed**,Te)	1996-present Ambient Water Quality Monitoring 2022 TMDL Data Intensification Assessment	2023-2024 Ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Sheyenne River*	ND-09020204-017-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Fish, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River	ND-09020204-022-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Fish)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Ecol)**	2016-2023 (Gc,Nut,**Pa**, Sed,Te)	2016-present Ambient Water Quality Monitoring 2022-2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ assessment sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Sheyenne River	ND-09020204-025-S_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Fc)**	2023 (Te) 2018 (Gc,Nut,**Pa**,Sed,Te) 2016-2017 (Gc,Nut, Sed,Te) 2013-2015 (Gc,Nut,**Pa**, Sed,Te)	2023 Fish Tissue Surveillance 2023 IBI Development 2013-2018 Ambient Water Quality Monitoring	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River	ND-09020204-027-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Sed.)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: FS Recreation: FS	2023 (Pa) 2019 (**Benthics**,Fsh) 2013-2016 (Nut,Pa,**Sed**)	2023 TMDL Data Intensification Assessment 1995-2016 Sheyenne River/Valley City Watershed Implementation	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Clausen Springs Dam Watershed	ND-09020204-031-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO)** Industrial: FS **Recreation: Not Supporting (Ecol)**	2023 (**Pa**) 2019-2020 (Gc,Nut,**Pa**, Sed,Te)	2023 TMDL Data Intensification Assessment 2019-2020 Clausen Springs Watershed Assessment	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Spring Creek Watershed	ND-09020204-032-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Industrial: FS **Recreation: Not Supporting (Ecol)**	2019-2020 (Gc,Nut,**Pa**, Sed,Te)	2019-2020 Clausen Springs Watershed Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Sheyenne River	ND-09020204-034-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Sed.)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: FS	2013-2016 (Nut,Pa,**Sed**)	1995-2016 Sheyenne River/Valley City Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Sheyenne River	ND-09020204-040-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	2013-2023 (Gc,Nut,Pa, **Sed**,Te)	1994-present Ambient Water Quality Monitoring 2023 TMDL Data Intensification Assessment 1995-2016 Sheyenne River/Valley City Watershed Implementation	2023-2024 NDDEQ assessment sampling 2023 and ambient monitoring 2025-2026 Ambient monitoring 2027-2028 Ambient monitoring 2029-2030 Ambient monitoring 2031-2032 Ambient monitoring
Maple River	ND-09020205-001-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	2018-2023 (Gc,Nut,Pa, **Sed**,Te) 2017 (Gc,Nut,Pa,**Sed**,Te, Benthics,Fsh) 2013-2016 (Gc,Nut,Pa, **Sed**,Te)	1997-present Ambient Water Quality Monitoring 2011-2025 Maple river Watershed Implementation	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributary watershed to the Maple River	ND-09020205-002-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Benthic/Fish)** Industrial: FS Recreation: Insuff. Info	2020 (Gc,Nut,Sed,Te, **Benthics,Fsh**) 2015 (Gc,Nut,Sed,Te, **Benthics,Fsh**) 2014 (Gc,Nut,Pa,Sed,Te, **Benthics**) 2013 (Pa)	2015, 2020 IBI Development 2011-2014 Maple river Watershed Implementation 2014 Maple River Watershed Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Swan Creek Watershed	ND-09020205-003-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS **Recreation: Not Supporting (Ecol)**	2016-2018 (Gc,Nut,**Pa**, Sed,Te,Benthics) 2014 (Gc,Nut,**Pa**,Sed,Te, **Benthics**) 2013 (**Pa**)	2016-2018 Swan Creek Watershed Assessment 2011-2014 Maple river Watershed Implementation 2014 Maple River Watershed Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Casselton Reservoir Watershed	ND-09020205-004-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS Recreation: Insuff. Info	2018 (Benthics) 2016-2018 (Gc,Nut,Pa, Sed,Te) 2015 (Gc,Nut,Sed,Te, Benthics,Fsh)	2016-2018 Swan Creek Watershed Assessment 2015 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Buffalo Creek	ND-09020205-006-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Benthic/Fish)** Industrial: FS **Recreation: Not Supporting *(5A Ecol)***	2020 (Gc,Nut,Sed,Te, **Benthics,Fsh**) 2013-2018 (**Pa**)	2020 IBI Development 2011-2018 Maple River Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Maple River	ND-09020205-010-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro, Fish, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2014 (Gc,Nut,**Sed**,Te, **Benthics**)	2014 Maple River Watershed Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Maple River	ND-09020205-012-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Fish)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: Not Supporting** *(4A Ecol)*	2022-2023 (Nut,**Pa**,Sed) 2020 (Gc,Nut,**Pa**,Sed,Te, Benthics,**Fsh**) 2018 (Benthics,**Fsh**) 2014 (Gc,Nut,**Pa**,Sed,Te, Benthics) 2013 (**Pa**)	2011-2025 Maple River Watershed Implementation 2020 IBI Development 2014 Maple River Watershed Assessment	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Maple River	ND-09020205-015-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., DO, Fish)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened** *(4A Ecol)*	2022-2023 (Nut,**Pa**,Sed) 2020 (Nut,**Pa**,Sed) 2014 (Gc,Nut,**Pa**,Sed,Te, **Benthics**) 2013 (**Pa**)	2011-2025 Maple River Watershed Implementation 2014 Maple River Watershed Assessment	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Tributary watershed to the Maple River	ND-09020205-017-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2022-2023 (**Pa**) 2013-2014 (**Pa**)	2022-2023 TMDL Data Intensification Assessment 2011-2014 Maple River Watershed Implementation	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributary watershed to the Maple River	ND-09020205-018-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed Industrial: FS **Recreation: Not Supporting (Ecol)**	2022-2023 (**Pa**) 2013-2014 (**Pa**)	2022-2023 TMDL Data Intensification Assessment 2011-2014 Maple River Watershed Implementation	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Maple River	ND-09020205-024-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Fish)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting** *(4A Ecol)*	2013-2014 (**Pa**)	2011-2014 Maple River Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020301-001-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
English Coulee	ND-09020301-002-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Sed., Se, TDS)** *(4C Flow, 4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting (Ecol, Sed.)**	2020-2021 (Nut,**Pa,Sed**) 2017-2019 (Gc,Nut,**Pa, Sed**,Te)	2017-2021 English Coulee Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
English Coulee	ND-09020301-005-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Se, TDS)** *(4C Flow, 4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting (Ecol)**	2020 (Nut,**Pa**,Sed) 2019 (Gc,Nut,**Pa**,Sed,Te) 2017-2018 (Nut,**Pa**,Sed)	2017-2020 English Coulee Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
English Coulee	ND-09020301-006-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Se, TDS)** *(4C Flow, 4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting (Ecol)**	2020-2021 (Nut,**Pa**,Sed) 2019 (Gc,Nut,**Pa**,Sed,Te) 2017-2018 (Nut,**Pa**,Sed)	2017-2021 English Coulee Watershed Implementation	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020301-007-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Red River*	ND-09020301-010-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Cole Creek	ND-09020301-011-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Red River*	ND-09020301-014-S_00	Agriculture: FS Fish/Aq. Biota: Not Assessed **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020306-001-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Red River*	ND-09020306-003-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020306-004-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Red River*	ND-09020306-005-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Turtle River	ND-09020307-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Sed., Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Munic./Domestic: FS, Threatened (As, Cl, Se, S)** Recreation: FS	2013-2014 (**Gc**,Nut,Pa, **Sed,Te**)	2006-2014 Turtle River Watershed Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Kolding Dam	ND-09020307-004-L_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO, Nut.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: Not Supporting (Nut.)**	2015 (Ch,Gc,**Nut**,Sed,Te)	2015 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin lake monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Turtle River*	ND-09020307-006-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed, Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Salt Water Coulee	ND-09020307-007-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Cd, Se)** Industrial: FS Recreation: Not Assessed	2014 (Pa)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Kelly Slough*	ND-09020307-016-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Cd, Se)** Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Turtle River	ND-09020307-021-S_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS **Munic./Domestic: FS, Threatened (S)** Recreation: FS *(FC & Ecol TMDL)*	2023 (Te) 2020 (**Gc**,Nut,Sed,Te, Benthics,Fsh) 2015 (**Gc**,Nut,Sed,Te, Benthics,Fsh) 2013-2014 (**Gc**,Nut,Pa, Sed,Te)	2023 Fish Tissue Surveillance 2015, 2020, 2023 IBI Development 2006-2014 Turtle River Watershed Assessment	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 - *This water body segment flows through Turtle River State Park*

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
South Branch Turtle River	ND-09020307-024-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Se)** Industrial: FS **Recreation: FS, Threatened** *(4A Fc, Ecol)*	2023 (Nut,**Pa**,Sed) 2016 (Nut,**Pa**,Sed) 2015 (Gc,Nut,Sed,Te, Benthics,Fsh) 2013-2014 (Gc,Nut,**Pa**, Sed,Te)	2023-2026 Turtle River-Larimore Dam Watershed Implementation 2013-2016 Turtle River Watershed Assessment 2016 Red River Valley Tile Drainage Assessment 2015 IBI Development	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Forest River*	ND-09020308-001-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish, Sed.)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Whitman Dam	ND-09020308-002-L_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2016 (Ch,Gc,**Nut**,Sed,Te)	2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Tributary Watershed to the Forest River	ND-09020308-009-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Se)** Industrial: FS Recreation: Not Assessed	2013 (Gc,Nut,Sed,**Te**)	2010-2013 Red River Valley Tile Drainage Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Forest River	ND-09020308-015-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Fish, Se)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: Not Assessed	2018 (**Benthics,Fsh**) 2014 (**Benthics,Fsh**)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
South Branch Forest River	ND-09020308-017-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Industrial: FS **Recreation: FS, Threatened (Ecol)**	2019 (**Pa**) 2015 (Gc,Nut,Sed,Te, Benthics,Fsh)	2015 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Middle Branch Forest River	ND-09020308-023-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish)** Industrial: FS Recreation: Not Assessed	2013 (Nut,Sed)	2012-2013 Matejcek Dam Watershed Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
North Branch Forest River	ND-09020308-029-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Homme Dam	ND-09020310-001-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4A Nut.)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: FS **Recreation: FS, Threatened** *(4A Nut.)*	2023 (Ch,**Nut,Sed**,) 2021 (Ch,**Nut,Sed**) 2020 (Ch,Gc,**Nut,Sed**,Te) 2016-2018 (Ch,Gc,**Nut, Sed**,Te)	2020-2025 Park River Watershed Implementation 2023 NDGF Investigations 2016-2018 Homme Dam Watershed Implementation	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin lake monitoring 2031-2032 -
Park River	ND-09020310-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: FS Recreation: Not Assessed	2020 (Gc,Nut,Sed,Te, Benthics,Fsh) 2015 (Benthics)	2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Willow Creek	ND-09020310-003-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Park River*	ND-09020310-010-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Park River*	ND-09020310-013-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
South Brank Park River	ND-09020310-014-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
South Brank Park River	ND-09020310-016-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: Not Assessed	2023 (Nut,Pa,Sed) 2021 (Nut,Sed) 2020 (Gc,Nut,Pa,Sed,Te, Benthics,Fsh)	2020-2025 Park River Watershed Implementation 2010, 2020 IBI Development	2023-2024 NPS project sampling 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -
South Brank Park River	ND-09020310-020-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Fish)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: Not Assessed	2023 (Nut,Pa,Sed,Te) 2021 (Nut,Sed)	2021-2025 Park River Watershed Implementation 2023 Fish Tissue Surveillance 2023 IBI Development	2023-2024 NDDEQ assessment sampling 2023 and NPS project sampling 2023-2024 2025-2026 NPS project sampling 2025 2027-2028 - 2029-2030 Evaluate for potential sampling during 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
South Brank Park River*	ND-09020310-023-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro.)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Middle Branch Park River	ND-09020310-029-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	2020 (Gc,Nut,Sed,Te, Benthics,Fsh) 2015 (Gc,Nut,Sed,Te, Benthics,Fsh)	2015, 2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
North Branch Park River	ND-09020310-037-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
North Branch Park River*	ND-09020310-039-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Fish)** *(4C Phys. Habitat)* Industrial: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Cart Creek	ND-09020310-044-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro., Fish)** Industrial: FS Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Red River*	ND-09020311-001-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020311-003-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Not Assessed Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Red River*	ND-09020311-005-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: FS Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Red River*	ND-09020311-007-S_00	Agriculture: FS Fish/Aq. Biota: FS **Fish Consump.: Not Supporting (Hg)** Industrial: FS Munic./Domestic: Insuff. Info Recreation: FS	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Pembina River*	ND-09020316-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Cd, Cu, Pb, Se)** Fish Consump.: Not Assessed Industrial: FS **Munic./Domestic: FS, Threatened (As, Pb)** **Recreation: FS, Threatened (Fc)**	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Renwick Dam	ND-09020316-002-L_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2023 (Ch,**Nut**) 2016 (Ch,Gc,**Nut,Sed**,Te)	2023 NDGF Investigations 2016 Lake Water Quality Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin slake monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin slake monitoring 2031-2032 -
Tongue River	ND-09020316-002-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tongue River	ND-09020316-006-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Bio/Habitat, Sed.)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2020 (Gc,Nut,**Sed**,Te, Benthics,Fsh) 2015 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2015, 2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Tongue River	ND-09020316-009-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Sed., Se)** *(4C Phys. Habitat)* Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2020 (Gc,Nut,**Sed**,Te, Benthics,Fsh) 2015 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2015, 2020 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tongue River	ND-09020316-011-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	2015 (Benthics)	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Tongue River*	ND-09020316-019-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat)** Industrial: FS Munic./Domestic: Not Assessed Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Pembina River	ND-09020316-021-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Cd, Cu, Pb, Sed., Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Munic./Domestic: FS, Threatened (As, Cd, Pb)** **Recreation: FS, Threatened (Ecol)**	2023 (**Pa**)	2023 TMDL Data Intensification Assessment	2023-2024 NDDEQ assessment sampling 2023 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -
Pembina River*	ND-09020316-023-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Macro., Fish)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Munic./Domestic: FS, Threatened (As, Cd, Pb)** Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

Name (Red)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Pembina River*	ND-09020316-025-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Fish, Se)** *(4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS **Munic./Domestic: FS, Threatened (As, Cd, Pb)** Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2027-2028 - 2029-2030 Evaluate for potential sampling during 2025 or 2030 NDDEQ Red basin stream monitoring 2031-2032 -

†Sample and project history represent available data associated with NDDEQ Watershed Management Program (WMP) projects and identified stations; any external agency/organization data included in this history is associated with a WMP project
*The available data for one or more of the associated impairment parameters predates 2013 (as of 01/01/2024)
4C represents impairment due to a non-pollutant such as Flow Regime Modification ("Flow") and Physical Substrate Habitat Alteration ("Phys. Habitat")
4A represents an EPA-approved TMDL for the associated parameter(s)
5A represents an EPA-accepted Alternative (Advanced) Restoration Plan for the associated parameter(s)

Table C5: Souris (Mouse) River Basin 303(d) listed waters based on the 2020-2022 Integrated Report.

Name (Souris)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Tributaries to the Middle and Lower Des Lacs Lakes	ND-09010002-012-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Se)** Industrial: FS Recreation: Not Assessed	2019-2020 (Gc,Nut,**Sed**, **Te**)	2019-2020 Des Lacs Tributary Nutrient Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -
Stoney Creek Watershed	ND-09010002-014-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO)** Industrial: FS Recreation: Not Assessed	2019-2020 (Gc,Nut,Sed, Te)	2019-2020 Des Lacs Tributary Nutrient Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -

Name (Souris)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Lower Stoney Run Watershed	ND-09010002-016-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO)** Industrial: FS Recreation: Not Assessed	2019-2020 (Gc,Nut,Sed, Te)	2019-2020 Des Lacs Tributary Nutrient Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -
Tributaries to the Upper Des Lacs Reservoir	ND-09010002-017-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (DO)** Industrial: FS Recreation: Not Assessed	2019-2020 (Gc,Nut,Sed, Te)	2019-2020 Des Lacs Tributary Nutrient Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -

Name (Souris)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Souris River	ND-09010003-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened** *(4A Ecol)*	2021 (Gc,Nut,**Sed**,Te, Benthics,Fsh) 2016 (Gc,Nut,**Sed**,Te, Benthics,Fsh)	2021 Fish Tissue Surveillance 2016, 2021 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -
Wintering River Watershed	ND-09010003-003-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened** *(4C Phys. Habitat)* Industrial: FS **Recreation: Not Supporting (Ecol)** *(4A Fc)*	2017-2018 (**Pa**) 2016 (Gc,Nut,Sed,Te, Benthics,Fsh)	2017-2018 Souris River Tributary TMDL Assessment 2016 IBI Development	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -

Name (Souris)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Souris River*	ND-09010003-005-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Bio/Habitat, Sed.)** Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened** *(4A Ecol)*	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -
Willow Creek Lower Reach	ND-09010004-001-S_00	Agriculture: FS Fish/Aq. Biota: Insuff. Info Industrial: FS Munic./Domestic: Insuff. Info **Recreation: FS, Threatened (Ecol)**	2023 (**Pa**) 2017-2018 (**Pa**) 2016 (Gc,Nut,Sed,Te, Benthics,Fsh)	2023-2024 TMDL Data Intensification Assessment 2017-2018 Souris River Tributary TMDL Assessment 2016 IBI Development	2023-2024 NDDEQ reassessment sampling 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -

Name (Souris)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Lake Darling	ND-09010008-001-L_00	Agriculture: FS Fish/Aq. Biota: FS Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Not Assessed **Recreation: FS, Threatened (Nut.)**	2023 (Ch,**Nut**) 2021 (Ch,Gc,**Nut**,Sed,Te) 2016-2017 (Ch,**Nut**) 2015 (Ch,Gc,**Nut**,Sed,Te)	2023 NDGF Investigations 2015, 2021 Lake Water Quality Assessment 2016-2017 Upper Souris National Wildlife Refuge Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin lake monitoring 2027-2028 - 2029-2030 - 2031-2032 -
Souris River	ND-09010008-001-S_00	Agriculture: FS **Fish/Aq. Biota: FS, Threatened (Sed.)** *(4A DO, 4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: Insuff Info. *(4A FC)*	2023 (Ch,Nut) 2021 (Gc,Nut,**Sed**,Te, Benthics,Fsh) 2019 (Benthics,Fsh) 2017 (Ch,Nut) 2016 (Ch,Nut,Gc,**Sed**,Te, Benthics,Fsh)	2023 NDGF Investigations 2021 Fish Tissue Surveillance 2016, 2021 IBI Development 2016-2017 Upper Souris National Wildlife Refuge Assessment	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -

Name (Souris)	Water Body ID	Beneficial Uses (2020/2022 IR)	Sample History 2013-23†	Sampling Projects 2013-23†	Planning as of 01/01/2024 *(tentative, reevaluate annually)*
Souris River*	ND-09010008-003-S_00	Agriculture: FS **Fish/Aq. Biota: Not Supporting (Macro.)** *(4C Flow, 4C Phys. Habitat)* Fish Consump.: Not Assessed Industrial: FS Munic./Domestic: Insuff. Info Recreation: Not Assessed	None	None	2023-2024 - 2025-2026 Evaluate for potential sampling during 2026 NDDEQ Souris basin stream monitoring 2027-2028 - 2029-2030 - 2031-2032 -

†Sample history represents available data associated with NDDEQ Watershed Management Program (WMP) projects and identified stations; any external agency/organization data included in this history is associated with a WMP project
*The available data for one or more of the associated impairment parameters predates 2013 (as of 01/01/2024)
4C represents impairment due to a non-pollutant such as Flow Regime Modification ("Flow") and Physical Substrate Habitat Alteration ("Phys. Habitat")
4A represents an EPA-approved TMDL for the associated parameter(s)
5A represents an EPA-accepted Alternative (Advanced) Restoration Plan for the associated parameter(s)