

# Minnesota's TMDL Priorities for FY23-24

March 9, 2022

## Introduction

Minnesota selected total maximum daily load (TMDL) priorities for 2022-2024 based on our Watershed Approach, as we did for the original Long-Term Vision priorities. The watershed framework describes Minnesota's process for monitoring and assessment, planning and implementation for the waters of the state. The 80 major watersheds in the state are intensively monitored on a 10-year cycle, Minnesota Pollution Control Agency (MPCA) develops TMDL reports with input from local stakeholders, and local partners develop implementation plans. These plans are the framework used to determine funding for projects around the state for water quality improvements. The FY23-24 TMDL priority impairments are listed in the table below.

[Minnesota's original TMDL priority plan](#) included priority impairments from all 80 watersheds in the state for the 2016-2022 timeframe. For our Vision 2.0 priority plan, we will again consider the watershed approach and framework for the sequencing of our TMDL plans, and include priorities based on equity and climate considerations, among other things. Minnesota's Long-Term Vision Prioritization Framework (FY24-FY33) will be submitted to U.S. Environmental Protection Agency (EPA) in September 2023.

The priority impairments in the table below are from [Minnesota's Draft 2022 TMDL list](#). There are 70 listings in the table from six major watersheds. These watersheds are scheduled to have TMDL reports developed in the next two years to include these priorities and possibly other impairments in the watershed.

## Description of FY23-24 TMDL priorities

The TMDL priorities for FY23-24 are located in six watersheds across the state, Mississippi River St. Cloud, Pomme de Terre River, Blue Earth River, Root River, Upper Red River of the North, and Buffalo River. The impairments are conventional pollutants, including some biological impairments.

#	Pollutant	Number of listings
1	Escherichia coli ( <i>E. coli</i> )	29
2	Nutrients	18
3	Benthic macroinvertebrates bioassessments	8
4	Total suspended solids (TSS)	6
5	Fish bioassessments	6
6	Nitrate	3
	<b>Total</b>	<b>70</b>

## Fiscal Year 2023-2024 (FY23-FY24) Bridge Metric

Minnesota’s commitment is to produce a TMDL report for the 70 impaired listings in the tables below before the end of the 2-year bridge period. Minnesota also expects to complete additional TMDLs for impairments on our Section 303(d) Impaired Waters List as part of our ongoing watershed approach. We will report on our progress on the FY23-24 TMDL priorities as part of our Environmental Performance Partnership Agreement (EnPPA) and Performance Partnership Grant (PPG) workplan. Progress on the FY23-24 priority impairments will be measured through the Bridge Metric as described by EPA in the *Draft Computational Guidance: Bridge Metric*.

### Bridge Metric terminology

**Bridge period:** Fiscal Years 2023 and 2024 (i.e., October 1, 2022 to September 30, 2024).

**Bridge priorities:** Priority waters in the form of Assessment Unit / Parameters combinations.

**Commitments:** Priority waters in the form of Assessment Unit / Parameters combinations (i.e., bridge priorities); **and** the state’s estimated associated plan progress for each Assessment Unit / Parameters combination (i.e., a plan in place or a plan in development).

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From MN's Draft 2022 TMDL list (sorted by HUC8, waterbody ID and pollutant name)

#	Waterbody ID AUID	Waterbody name	Waterbody description	Pollutant or stressor	Year added to List	TMDL target completion year	Basin	HUC 8	Watershed name
1	07010203-507	Elk River	Mayhew Cr to Rice Cr	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
2	07010203-508	Elk River	Headwaters to Mayhew Cr	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
3	07010203-512	Rice Creek	Rice Lk to Elk R	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
4	07010203-528	Unnamed creek	T121 R23W S19, south line to Mississippi R	macroinvertebrates bioasses	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
5	07010203-528	Unnamed creek	T121 R23W S19, south line to Mississippi R	Fish bioassessments	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
6	07010203-529	Snake River	Unnamed cr to Eagle Lk outlet	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
7	07010203-535	Battle Brook	CD 18 to Elk Lk	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
8	07010203-548	Elk River	St Francis R to Orono Lk	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
9	07010203-565	Unnamed creek (Fairhaven Creek)	Headwaters to Lk Marie	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
10	07010203-700	St Francis River	Headwaters to Unnamed lk (71-0371-00)	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
11	07010203-736	Tibbets Brook	Unnamed ditch to Elk R	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
12	07010203-750	Mayhew Creek	T36 R30W S21, west line to Elk R	Escherichia coli (E. coli)	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
13	71-0016-00	Fremont	Lake or Reservoir	Nutrients	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
14	71-0055-00	Elk	Lake or Reservoir	Nutrients	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
15	71-0067-00	Eagle	Lake or Reservoir	Nutrients	2022	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
16	86-0139-01	Little Mary (South Bay)	Lake or Reservoir	Nutrients	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
17	86-0139-02	Little Mary (North Bay)	Lake or Reservoir	Nutrients	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
18	86-0152-00	Millstone	Lake or Reservoir	Nutrients	2012	2023	Upper Mississippi River	07010203	Mississippi River St. Cloud
19	07020002-506	Pelican Creek	T130 R41W S4, north line to Pomme de Terre R	Escherichia coli (E. coli)	2020	2022	Minnesota River	07020002	Pomme de Terre River
20	07020002-506	Pelican Creek	T130 R41W S4, north line to Pomme de Terre R	Total suspended solids (TSS)	2020	2022	Minnesota River	07020002	Pomme de Terre River
21	07020002-511	Muddy Creek	T124 R44W S3, west line to Pomme de Terre R	Escherichia coli (E. coli)	2020	2022	Minnesota River	07020002	Pomme de Terre River
22	07020002-547	Unnamed creek	Unnamed cr to Pomme de Terre R	Escherichia coli (E. coli)	2022	2022	Minnesota River	07020002	Pomme de Terre River
23	07020002-566	Unnamed creek	Unnamed cr to Artichoke Cr	Nutrients	2020	2022	Minnesota River	07020002	Pomme de Terre River
24	26-0095-00	Barrett	Lake or Reservoir	Nutrients	2020	2022	Minnesota River	07020002	Pomme de Terre River
25	76-0149-00	South Drywood	Lake or Reservoir	Nutrients	2020	2022	Minnesota River	07020002	Pomme de Terre River
26	76-0169-00	North Drywood	Lake or Reservoir	Nutrients	2020	2022	Minnesota River	07020002	Pomme de Terre River
27	07-0090-00	Ida	Lake or Reservoir	Nutrients	2020	2031	Minnesota River	07020009	Blue Earth River
28	07020009-508	Blue Earth River	E Br Blue Earth R to South Cr	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
29	07020009-514	Blue Earth River	Center Cr to Elm Cr	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
30	07020009-553	Blue Earth River, East Branch	Brush Cr to Blue Earth R	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
31	07020009-577	Willow Creek	Unnamed cr to Blue Earth R	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
32	07020009-640	South Creek	-94.300 43.661 to Blue Earth R	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
33	07020009-643	Blue Earth River, West Branch	MN/IA border to 15th St	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
34	07020009-645	Blue Earth River, Middle Branch	MN/IA border to -94.104 43.514	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
35	07020009-646	Blue Earth River, Middle Branch	-94.104 43.514 to W Br Blue Earth R	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River

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#	Waterbody ID AUID	Waterbody name	Waterbody description	Pollutant or stressor	Year added to List	TMDL target completion year	Basin	HUC 8	Watershed name
36	07020009-648	Coon Creek	T102 R27W S33, south line to Blue Earth R	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
37	07020009-652	Blue Earth River, East Branch	T102 R25W S23, north line to Unnamed ditch	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
38	07020009-655	Brush Creek	Unnamed cr to E Br Blue Earth R	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
39	07020009-658	Badger Creek	Little Badger Cr to -94.136 43.64	Escherichia coli (E. coli)	2020	2031	Minnesota River	07020009	Blue Earth River
40	22-0007-00	Rice	Lake or Reservoir	Nutrients	2020	2031	Minnesota River	07020009	Blue Earth River
41	46-0010-00	East Chain	Lake or Reservoir	Nutrients	2020	2031	Minnesota River	07020009	Blue Earth River
42	46-0024-00	George	Lake or Reservoir	Nutrients	2006	2031	Minnesota River	07020009	Blue Earth River
43	46-0049-00	Iowa	Lake or Reservoir	Nutrients	2020	2031	Minnesota River	07020009	Blue Earth River
44	46-0121-00	Cedar	Lake or Reservoir	Nutrients	2020	2031	Minnesota River	07020009	Blue Earth River
45	46-0145-00	Fish	Lake or Reservoir	Nutrients	2020	2031	Minnesota River	07020009	Blue Earth River
46	07040008-511	Root River, South Fork	T102 R9W S26, west line to Wisel Cr	Escherichia coli (E. coli)	2022	2022	Lower Mississippi River	07040008	Root River
47	07040008-518	Riceford Creek	T101 R7W S19, south line to T102 R7W S30, north line	Benthic macroinvertebrates bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
48	07040008-536	Mill Creek	T105 R12W S14, north line to N Br Root R	Benthic macroinvertebrates bioassessments	2020	2022	Lower Mississippi River	07040008	Root River
49	07040008-536	Mill Creek	T105 R12W S14, north line to N Br Root R	Fish bioassessments	2020	2022	Lower Mississippi River	07040008	Root River
50	07040008-536	Mill Creek	T105 R12W S14, north line to N Br Root R	Nitrate	2022	2022	Lower Mississippi River	07040008	Root River
51	07040008-540	Upper Bear Creek	T104 R11W S18, west line to M Br Root R	Benthic macroinvertebrates bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
52	07040008-540	Upper Bear Creek	T104 R11W S18, west line to M Br Root R	Fish bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
53	07040008-548	Spring Valley Creek	T103 R13W S29, west line to Deer Cr	Benthic macroinvertebrates bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
54	07040008-548	Spring Valley Creek	T103 R13W S29, west line to Deer Cr	Fish bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
55	07040008-548	Spring Valley Creek	T103 R13W S29, west line to Deer Cr	Nitrate	2022	2022	Lower Mississippi River	07040008	Root River
56	07040008-548	Spring Valley Creek	T103 R13W S29, west line to Deer Cr	Total suspended solids (TSS)	2022	2022	Lower Mississippi River	07040008	Root River
57	07040008-559	Camp Creek	Headwaters to S Br Root R	Benthic macroinvertebrates bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
58	07040008-559	Camp Creek	Headwaters to S Br Root R	Fish bioassessments	2012	2022	Lower Mississippi River	07040008	Root River
59	07040008-A18	Bear Creek (Lost Creek)	Unnamed cr to T104 R12W S10, east line	Benthic macroinvertebrates bioassessments	2022	2022	Lower Mississippi River	07040008	Root River
60	07040008-A18	Bear Creek (Lost Creek)	Unnamed cr to T104 R12W S10, east line	Fish bioassessments	2022	2022	Lower Mississippi River	07040008	Root River
61	07040008-A18	Bear Creek (Lost Creek)	Unnamed cr to T104 R12W S10, east line	Total suspended solids (TSS)	2022	2022	Lower Mississippi River	07040008	Root River
62	07040008-A47	Unnamed Creek (Mill Creek Trib	T105 R12W S14, west line to Unnamed cr	Nitrate	2022	2022	Lower Mississippi River	07040008	Root River
63	07040008-H01	Riceford Creek	-91.814, 43.512 to T101 R8W S17, east line	Benthic macroinvertebrates bioassessments	2020	2022	Lower Mississippi River	07040008	Root River
64	09020104-550	Wolverton Creek	RR bridge to Red R	Total suspended solids (TSS)	2020	2023	Red River of the North	09020104	Upper Red River of the North
65	09020106-513	Hay Creek	Stinking Lk to Buffalo R	Escherichia coli (E. coli)	2022	2023	Red River of the North	09020106	Buffalo River
66	09020106-585	Unnamed creek	Unnamed cr to Whisky Cr	Escherichia coli (E. coli)	2022	2023	Red River of the North	09020106	Buffalo River
67	09020106-610	Whisky Creek	Headwaters to -96.447 46.659	Escherichia coli (E. coli)	2022	2023	Red River of the North	09020106	Buffalo River
68	09020106-622	Hay Creek	-96.12 46.902 to Stinking Lk	Total suspended solids (TSS)	2022	2023	Red River of the North	09020106	Buffalo River
69	09020106-630	Hay Creek	Spring Cr to -96.513 46.725	Total suspended solids (TSS)	2020	2023	Red River of the North	09020106	Buffalo River
70	14-0049-00	Lee	Lake or Reservoir	Nutrients	2012	2023	Red River of the North	09020106	Buffalo River