2016 Integrated Report

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Watershed Management Program

NORTH DAKOTA
DEPARTMENT *of* HEALTH

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Glossary of terms that will be used on the following page(s):

Waterbody Description: The description/location of the listed stream/river segment, lake or reservoir.

Beneficial Use Impaired: One of six beneficial uses assigned to a waterbody based on water quality standards define by the state.

1) aquatic life
2) recreation
3) drinking water
4) fish consumption
5) agriculture use
6) industrial use

Beneficial Use Status:

Fully Supporting but Threatened: If current trends continue these waterbodies may not meet their designated use

Not Supporting: The waterbody's designated uses have been assessed and are not being supported

Cause of Impairment: The reason the beneficial use is being impaired.

Nutrient/Eutrophication – Excess nutrients are causing an increase in the eutrophication (aging) of the lake/reservoir
Sedimentation/Siltation – Excess sediments are limiting the propagation of fish or other aquatic life
Fecal Coliform or Escherichia coli – bacteria found in fecal material that can be detrimental to human health
Benthic-Macroinvertebrate Assessments – Surveys indicate populations of macros are of poor health
Methylmercury – methylmercury levels in fish tissue have resulted in fish consumption advisories
Dissolved Oxygen – levels of dissolved oxygen do not support fish and other aquatic biota

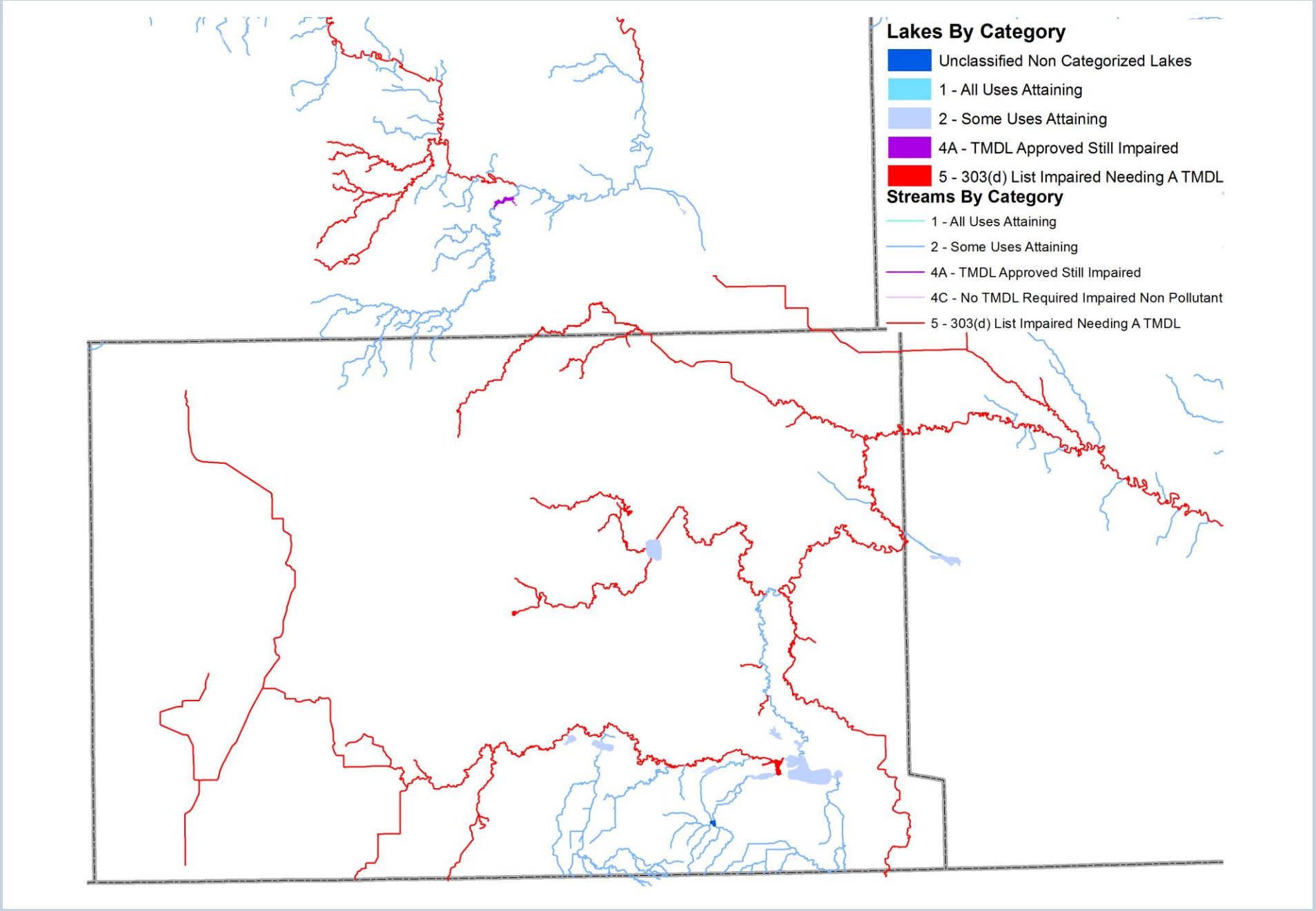
TMDL Priority:

L = Low – The Department will work with EPA to develop a method of prioritizing waterbodies and watersheds for TMDL development

H = High – TMDLs or alternative restoration approaches will be developed by 2022

Date TMDL Completed: If a Total Maximum Daily Load Report (TMDL) has been written for the listed waterbody, a date will appear after the heading.

2016 Integrated Report - Sargent County



Elk Creek Watershed

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	
ND-09020105-010-S_00	RIVER	Elk Creek, including all tributaries. Located in SE Ransom, NE Sargent, and West Central Richland Counties.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
26.05	MILES	Fish and Other Aquatic Biota	Not Supporting	Combination Benthic/Fishes Bioassessments	L

Shortfoot Creek Watershed

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	
ND-09020105-016-S_00	RIVER	Shortfoot Creek from its confluence with the Wild Rice River upstream to the ND-SD border, including all tributaries.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
24.78	MILES	Recreation	Not Supporting	Escherichia coli	H

Tributaries To The Wild Rice River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	
ND-09020105-017-S_00	RIVER	Unnamed tributaries to the Wild Rice River (ND-09020105-015-S), including Crooked Creek.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
43.5	MILES	Recreation	Not Supporting	Escherichia coli	H

Tributary To The Wild Rice River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	
ND-09020105-014-S_00	RIVER	Unnamed tributary to the Wild Rice River (ND-09020105-012-S_00) located near Milnor, ND in NE Sargent County.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
25.25	MILES	Recreation	Not Supporting	Escherichia coli	H

Wild Rice River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	
ND-09020105-012-S_00	RIVER	Wild Rice River from its confluence with Shortfoot Creek (ND-09020105-016-S_00) downstream to its confluence with Elk Creek (ND-09020105-010-S_00).		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
45.68	MILES	Recreation	Not Supporting	Escherichia coli	H

Waterbody ID	Waterbody Type	Waterbody Description
ND-09020105-012-S_00	RIVER	Wild Rice River from its confluence with Shortfoot Creek (ND-09020105-016-S_00) downstream to its confluence with Elk Creek (ND-09020105-010-S_00).

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
45.68	MILES	Fish and Other Aquatic Biota	Not Supporting	Sedimentation/Siltation	L

Waterbody ID	Waterbody Type	Waterbody Description
ND-09020105-012-S_00	RIVER	Wild Rice River from its confluence with Shortfoot Creek (ND-09020105-016-S_00) downstream to its confluence with Elk Creek (ND-09020105-010-S_00).

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
45.68	MILES	Fish and Other Aquatic Biota	Not Supporting	Combination Benthic/Fishes Bioassessments	L

Waterbody ID	Waterbody Type	Waterbody Description
ND-09020105-018-S_00	RIVER	Wild Rice River from its confluence with the Silver Lake Diversion downstream to Lake Tewaukon.

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
20.09	MILES	Recreation	Not Supporting	Escherichia coli	H

Waterbody ID	Waterbody Type	Waterbody Description
ND-09020105-022-S_00	RIVER	Wild Rice River from its confluence with Wild Rice Creek downstream to its confluence with the Silver Lake Diversion.

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
6.17	MILES	Recreation	Not Supporting	Escherichia coli	H

Shortfoot Creek Watershed

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	9/28/2010
ND-09020105-016-S_00	RIVER	Shortfoot Creek from its confluence with the Wild Rice River upstream to the ND-SD border, including all tributaries.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
24.78	MILES	Recreation	Not Supporting	Fecal Coliform	H

Wild Rice River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	9/28/2010
ND-09020105-012-S_00	RIVER	Wild Rice River from its confluence with Shortfoot Creek (ND-09020105-016-S_00) downstream to its confluence with Elk Creek (ND-09020105-010-S_00).		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
45.68	MILES	Recreation	Not Supporting	Fecal Coliform	H

Wild Rice Creek Watershed

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	9/21/2011
ND-09020105-020-S_00	RIVER	Wild Rice Creek from its confluence with the Wild Rice River upstream to the ND-SD border, including all tributaries.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
8.68	MILES	Recreation	Not Supporting	Fecal Coliform	H

Waterbody ID	Waterbody Type	Waterbody Description
ND-09020105-020-S_00	RIVER	Wild Rice Creek from its confluence with the Wild Rice River upstream to the ND-SD border, including all tributaries.

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
8.68	MILES	Recreation	Not Supporting	Escherichia coli	H

Wild Rice River Watershed (Upper)

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed	9/21/2011
ND-09020105-019-S_00	RIVER	Wild Rice River upstream from its confluence with Wild Rice Creek, including all tributaries.		

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
62.51	MILES	Recreation	Not Supporting	Fecal Coliform	H

Waterbody ID	Waterbody Type	Waterbody Description
ND-09020105-019-S_00	RIVER	Wild Rice River upstream from its confluence with Wild Rice Creek, including all tributaries.

Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
62.51	MILES	Recreation	Not Supporting	Escherichia coli	H