

2016 Integrated Report
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Watershed Management Program



Approved by US EPA
February 21, 2017

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

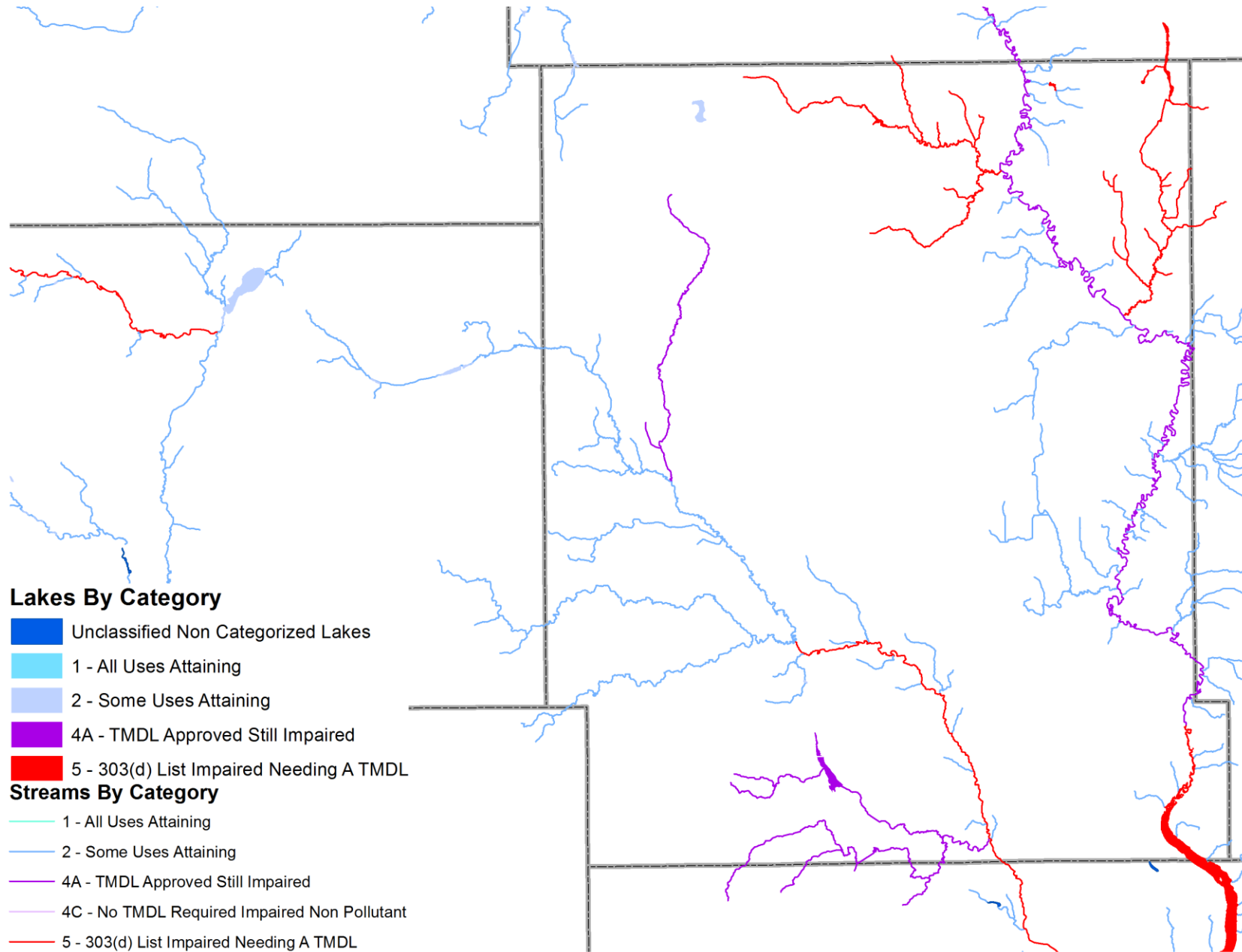
TMDL Priority:

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 - Griggs County



Baldhill Creek

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020203-002-S_00	RIVER	Baldhill Creek from tributary watershed (ND-09020203-005-S_00) downstream to Lake Ashtabula. Located in Griggs and Barnes County.			
Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
30.18	MILES	Fish and Other Aquatic Biota	Not Supporting	Benthic-Macroinvertebrate Bioassessments	L

Carlson-Tande Reservoir

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020203-005-L_00	FRESHWATER RESERVOIR	Carlson-Tande Reservoir is a small impoundment in NE Griggs County, North Dakota.			
Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
15.2	ACRES	Recreation	Fully Supporting But Threatened	Nutrient/Eutrophication Biological Indicators	L
ND-09020203-005-L_00	FRESHWATER RESERVOIR	Carlson-Tande Reservoir is a small impoundment in NE Griggs County, North Dakota.			
Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
15.2	ACRES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Oxygen, Dissolved	L
ND-09020203-005-L_00	FRESHWATER RESERVOIR	Carlson-Tande Reservoir is a small impoundment in NE Griggs County, North Dakota.			
Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
15.2	ACRES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Nutrient/Eutrophication Biological Indicators	L

Lake Ashtabula

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020203-001-L_00	FRESHWATER RESERVOIR	Lake Ashtabula is a large impoundment on the main stem of the Sheyenne River. It is a U.S. Army Corps of Engineers multipurpose reservoir built for flood protection, recreation and irrigation. Size			
Size	Units	Beneficial Use Impaired	Beneficial Use Status	Cause of Impairment	TMDL Priority
5467	ACRES	Recreation	Not Supporting	Nutrient/Eutrophication Biological Indicators	H

Pickereel Lake Creek Watershed

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020203-012-S_00	RIVER	Pickereel Lake Creek, including all tributaries. Located in NE Griggs County.			
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
34	MILES	Recreation	Not Supporting	Escherichia coli	L
ND-09020203-012-S_00	RIVER	Pickereel Lake Creek, including all tributaries. Located in NE Griggs County.			
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
34	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Benthic-Macroinvertebrate Bioassessments	L

Tributary Watershed To The Sheyenne River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020203-013-S_00	RIVER	Unnamed tributary watershed to the Sheyenne River (ND-09020203-001-S). Located in northern Griggs County.			
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
33.72	MILES	Recreation	Not Supporting	Escherichia coli	L

Baldhill Creek

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020203-002-S_00	RIVER	Baldhill Creek from tributary watershed (ND-09020203-005-S_00) downstream to Lake Ashtabula. Located in Griggs and Barnes County.	9/27/2012		
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
30.18	MILES	Recreation	Fully Supporting But Threatened	Escherichia coli	H

Sheyenne River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
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ND-09020203-001-S_00	RIVER	Sheyenne River from Tolna Dam outlet (ND-09020203-020-S) downstream to Lake Ashtabula. Located in Southern Nelson and Eastern Griggs County.	9/27/2012
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<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
94.89	MILES	Recreation	Not Supporting	Escherichia coli	H

Silver Creek Watershed

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
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ND-09020203-004-S_00	RIVER	Silver Creek, including Gunderson Creek and all tributaries. Located in southern Griggs County.	9/27/2012
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<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
37.57	MILES	Recreation	Not Supporting	Escherichia coli	H

Tributary Watershed To Baldhill Creek

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
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ND-09020203-008-S_00	RIVER	Unnamed tributary watershed to Baldhill Creek (ND-09020203-007-S). Located in NW Griggs County.	9/27/2012
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<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>	<u>Cause of Impairment</u>	<u>TMDL Priority</u>
16.04	MILES	Recreation	Not Supporting	Escherichia coli	H