

2016 Integrated Report
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Watershed Management Program



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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

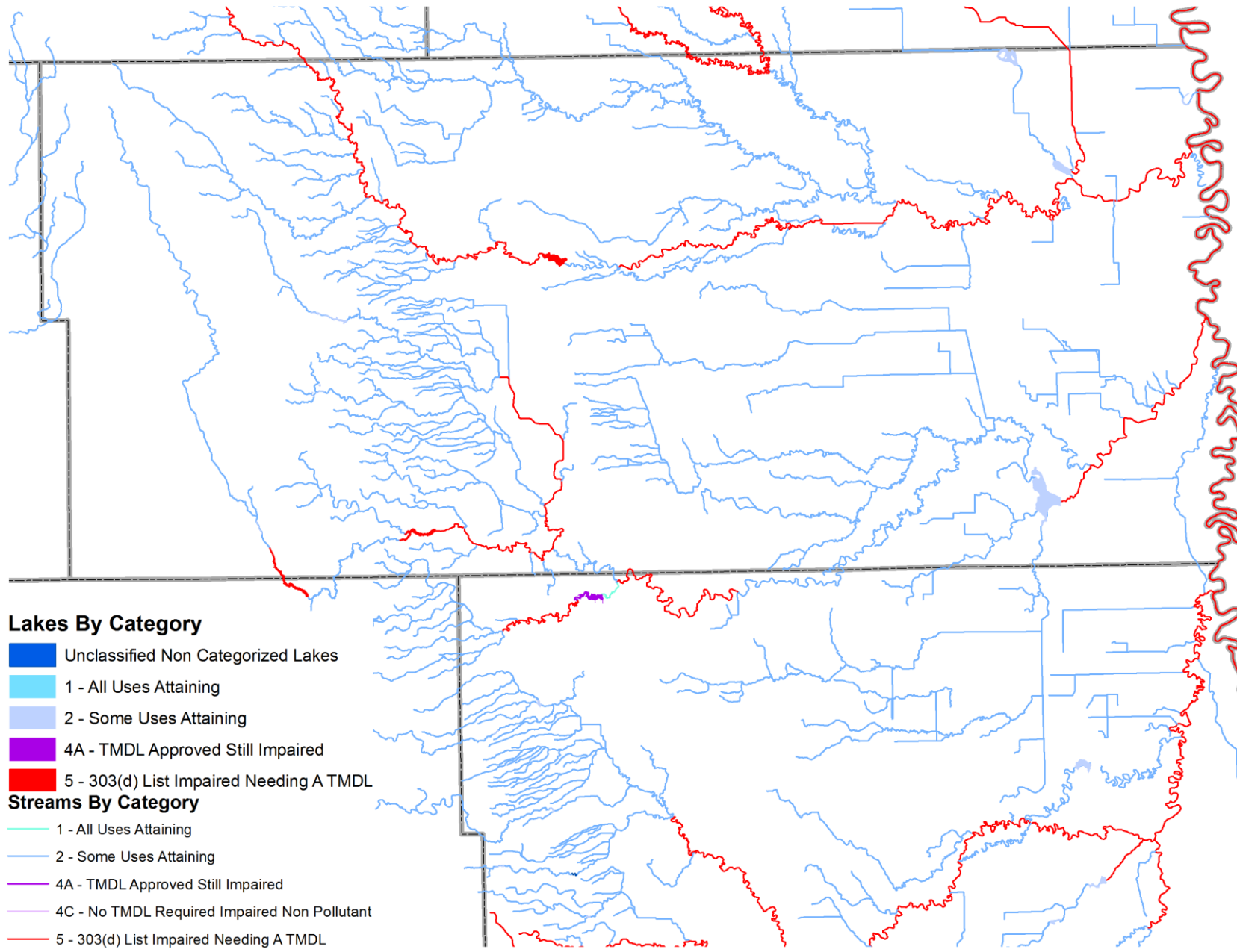
TMDL Priority:

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 - Walsh County



Cart Creek

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020310-044-S_00	RIVER	Cart Creek from its confluence with A tributary 2 miles east of Mountain, ND downstream to its confluence with North Branch Park River			
<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>
36.32	MILES	Fish and Other Aquatic Biota	Not Supporting	Fishes Bioassessments	L
ND-09020310-044-S_00	RIVER	Cart Creek from its confluence with A tributary 2 miles east of Mountain, ND downstream to its confluence with North Branch Park River			
<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>
36.32	MILES	Fish and Other Aquatic Biota	Not Supporting	Benthic-Macroinvertebrate Bioassessments	L

Forest River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020308-001-S_00	RIVER	Forest River from Lake Ardoch, downstream to its confluence with the Red River Of The North.			
<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>
15.49	MILES	Fish and Other Aquatic Biota	Not Supporting	Benthic-Macroinvertebrate Bioassessments	L
ND-09020308-001-S_00	RIVER	Forest River from Lake Ardoch, downstream to its confluence with the Red River Of The North.			
<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>
15.49	MILES	Fish and Other Aquatic Biota	Not Supporting	Fishes Bioassessments	L
ND-09020308-001-S_00	RIVER	Forest River from Lake Ardoch, downstream to its confluence with the Red River Of The North.			
<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>
15.49	MILES	Fish and Other Aquatic Biota	Not Supporting	Sedimentation/Siltation	L

ND-09020308-015-S_00 RIVER

Forest River from its confluence with South Branch Forest River, downstream to its confluence with a tributary near Highway 18.

Size **Units** **Beneficial Use Impaired**

Beneficial Use Status

Cause of Impairment

TMDL Priority

13.04 MILES Fish and Other Aquatic Biota

Fully Supporting But Threatened

Fishes Bioassessments

L

ND-09020308-015-S_00 RIVER

Forest River from its confluence with South Branch Forest River, downstream to its confluence with a tributary near Highway 18.

Size **Units** **Beneficial Use Impaired**

Beneficial Use Status

Cause of Impairment

TMDL Priority

13.04 MILES Fish and Other Aquatic Biota

Fully Supporting But Threatened

Benthic-Macroinvertebrate Bioassessments

L

ND-09020308-015-S_00 RIVER

Forest River from its confluence with South Branch Forest River, downstream to its confluence with a tributary near Highway 18.

Size **Units** **Beneficial Use Impaired**

Beneficial Use Status

Cause of Impairment

TMDL Priority

13.04 MILES Fish and Other Aquatic Biota

Fully Supporting But Threatened

Selenium

L

Homme Dam

Waterbody ID

Waterbody Type

Waterbody Description

Date TMDL Completed

ND-09020310-001-L_00

FRESHWATER RESERVOIR

Homme Dam is a 194 acre impoundment on the Park River in Walsh County, North Dakota.

Size **Units** **Beneficial Use Impaired**

Beneficial Use Status

Cause of Impairment

TMDL Priority

194 ACRES Fish and Other Aquatic Biota

Fully Supporting But Threatened

Sedimentation/Siltation

H

Matejcek Dam

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
ND-09020308-003-L_00	FRESHWATER RESERVOIR	Matejcek Dam is a 130 acre impoundment on the Middle Branch of the Forest River in southeastern Walsh County.	
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>
130	ACRES	Fish and Other Aquatic Biota	Fully Supporting But Threatened
			<u>Cause of Impairment</u>
			Oxygen, Dissolved
			<u>TMDL Priority</u>
			H
ND-09020308-003-L_00	FRESHWATER RESERVOIR	Matejcek Dam is a 130 acre impoundment on the Middle Branch of the Forest River in southeastern Walsh County.	
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>
130	ACRES	Recreation	Fully Supporting But Threatened
			<u>Cause of Impairment</u>
			Nutrient/Eutrophication Biological Indicators
			<u>TMDL Priority</u>
			H
ND-09020308-003-L_00	FRESHWATER RESERVOIR	Matejcek Dam is a 130 acre impoundment on the Middle Branch of the Forest River in southeastern Walsh County.	
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>
130	ACRES	Fish and Other Aquatic Biota	Fully Supporting But Threatened
			<u>Cause of Impairment</u>
			Nutrient/Eutrophication Biological Indicators
			<u>TMDL Priority</u>
			H

Middle Branch Forest River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
ND-09020308-023-S_00	RIVER	Middle Branch Forest River from Matejcek Dam, downstream to its confluence with North Branch Forest River.	
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>
8.71	MILES	Fish and Other Aquatic Biota	Not Supporting
			<u>Cause of Impairment</u>
			Benthic-Macroinvertebrate Bioassessments
			<u>TMDL Priority</u>
			L
ND-09020308-023-S_00	RIVER	Middle Branch Forest River from Matejcek Dam, downstream to its confluence with North Branch Forest River.	
<u>Size</u>	<u>Units</u>	<u>Beneficial Use Impaired</u>	<u>Beneficial Use Status</u>
8.71	MILES	Fish and Other Aquatic Biota	Not Supporting
			<u>Cause of Impairment</u>
			Fishes Bioassessments
			<u>TMDL Priority</u>
			L

Middle Branch Park River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020310-029-S_00	RIVER	Middle Branch Park River from a tributary near Highway 32, downstream to tributary near Highway 18.			
<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>
25.47	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Combination Benthic/Fishes Bioassessments	L

North Branch Forest River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020308-029-S_00	RIVER	North Branch Forest River from its confluence with tributary near Highway 32 (ND-09020308-033-S) downstream to its confluence with Middle Branch Forest River			
<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>
12.31	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Combination Benthic/Fishes Bioassessments	L

North Branch Park River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020310-037-S_00	RIVER	North Branch Park River from its confluence with a tributary near Highway 32 downstream to its confluence with Cart Creek.			
<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>
27.63	MILES	Fish and Other Aquatic Biota	Not Supporting	Combination Benthic/Fishes Bioassessments	L

Park River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020310-001-S_00	RIVER	Park River from its confluence with Salt Lake Outlet (ND-09020310-009-S_00), downstream to its confluence with the Red River Of The North.			
<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>
11.58	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Selenium	L
ND-09020310-001-S_00	RIVER	Park River from its confluence with Salt Lake Outlet (ND-09020310-009-S_00), downstream to its confluence with the Red River Of The North.			
<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>
11.58	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Combination Benthic/Fishes Bioassessments	L
ND-09020310-010-S_00	RIVER	Park River from its confluence with a tributary east of Grafton, ND (ND-09020310-012-S_00), downstream to its confluence with the outlet from Salt Lake (ND-09020310-009-S_00).			
<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>
14.39	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Selenium	L
ND-09020310-013-S_00	RIVER	Park River from the confluence of the South Branch Park River and the Middle Branch Park River, downstream to its confluence with a tributary east of Grafton, ND (ND-09020310-012-S_00).			
<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>
6.67	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Selenium	L

Red River

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed		
ND-09020306-004-S_00	RIVER	Red River of the North from its confluence with the Turtle River, downstream to its confluence with the Forest River.			
<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>
31.44	MILES	Fish Consumption	Not Supporting	Methylmercury	L

ND-09020306-005-S_00 RIVER

Red River of the North from its confluence with the Forest River, downstream to its confluence with the Park River.

Size Units Beneficial Use Impaired

21.6 MILES Fish Consumption

Beneficial Use Status

Not Supporting

Cause of Impairment

Methylmercury

TMDL Priority

L

ND-09020311-001-S_00 RIVER

Red River of the North from its confluence with the Park River, downstream to its confluence with a small tributary north of Drayton, ND.

Size Units Beneficial Use Impaired

19.08 MILES Fish Consumption

Beneficial Use Status

Not Supporting

Cause of Impairment

Methylmercury

TMDL Priority

L

South Branch Park River

Waterbody ID

Waterbody Type

Waterbody Description

Date TMDL Completed

ND-09020310-014-S_00 RIVER

South Branch Park River from its confluence with A tributary (ND-09020310-015-S) downstream to its confluence with the Middle Branch Park River

Size Units Beneficial Use Impaired

4.57 MILES Fish and Other Aquatic Biota

Beneficial Use Status

Fully Supporting But Threatened

Cause of Impairment

Combination Benthic/Fishes Bioassessments

TMDL Priority

L

ND-09020310-016-S_00 RIVER

South Branch Park River from its confluence with A tributary near Park River, ND (ND-09020310-018-S) downstream to its confluence with a tributary (ND-09020310-015-S)

Size Units Beneficial Use Impaired

16.39 MILES Fish and Other Aquatic Biota

Beneficial Use Status

Fully Supporting But Threatened

Cause of Impairment

Combination Benthic/Fishes Bioassessments

TMDL Priority

L

ND-09020310-020-S_00 RIVER

South Branch Park River from its confluence with a tributary watershed near Adams, ND (ND-09020310-022-S_00), downstream to Homme Dam.

Size Units Beneficial Use Impaired

16.58 MILES Fish and Other Aquatic Biota

Beneficial Use Status

Fully Supporting But Threatened

Cause of Impairment

Benthic-Macroinvertebrate Bioassessments

TMDL Priority

L

ND-09020310-020-S_00 RIVER

South Branch Park River from its confluence with a tributary watershed near Adams, ND (ND-09020310-022-S_00), downstream to Homme Dam.

Size Units Beneficial Use Impaired

16.58 MILES Fish and Other Aquatic Biota

Beneficial Use Status

Fully Supporting But Threatened

Cause of Impairment

Fishes Bioassessments

TMDL Priority

L

ND-09020310-023-S_00 RIVER

South Branch Park River downstream to A tributary watershed near Adams, ND (ND-09020310-022-S).

<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>
33.43	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Benthic-Macroinvertebrate Bioassessments	L

Whitman Dam

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
ND-09020308-002-L_00	FRESHWATER RESERVOIR	A 143 acre, flood control impoundment on the Middle Branch of the Forest River in Nelson 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>
149.7	ACRES	Recreation	Fully Supporting But Threatened	Nutrient/Eutrophication Biological Indicators	H

Willow Creek

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
ND-09020310-003-S_00	RIVER	Willow Creek from Dam NE of Mountain, ND downstream to Salt Lake.	

<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>
39.5	MILES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Combination Benthic/Fishes Bioassessments	L

Homme Dam

Waterbody ID	Waterbody Type	Waterbody Description	Date TMDL Completed
ND-09020310-001-L_00	FRESHWATER RESERVOIR	Homme Dam is a 194 acre impoundment on the Park River in Walsh County, North Dakota.	10/9/2012

<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>
194	ACRES	Recreation	Fully Supporting But Threatened	Nutrient/Eutrophication Biological Indicators	H

ND-09020310-001-L_00 FRESHWATER RESERVOIR Homme Dam is a 194 acre impoundment on the Park River in Walsh County, North Dakota.

<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>
194	ACRES	Fish and Other Aquatic Biota	Fully Supporting But Threatened	Nutrient/Eutrophication Biological Indicators	H