

# Impaired Water Short Report

Date Report Run: 03/22/2018

<b>Official Waterbody Name</b>	Lake Michigan	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Tietjen Beach-Doctors Park, Lake Michigan	<b>WBIC</b>	20
<b>Water Type</b>	GREAT LAKES BEACH	<b>County(ies)</b>	Milwaukee
<b>Start Mile</b>		<b>Watershed(s)</b>	MI02
<b>End Mile</b>		<b>Trophic Status</b>	Data Not Available
<b>Size</b>	.81	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	09/05/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 712 (2004 addition)		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

This beach was assessed for the 2018 listing cycle; E. coli data sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

<b>TMDL ID</b>	712	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	E. coli		
<b>Impairment</b>	Recreational Restrictions - Pathogens		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/13/2009 Tietjen/Doctor's Park Beach has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on our 2010 WisCALM guidance.

Document Title	Author Name	Comment
GREAT LAKES 2010 BEACH LISTING CHANGES	Richmond, Nicole	

# Impaired Water Short Report

Date Report Run: 03/22/2018

<b>Official Waterbody Name</b>	Lake Michigan	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Anclam Park Beach, Door County, Lake Michigan	<b>WBIC</b>	20
<b>Water Type</b>	GREAT LAKES BEACH	<b>County(ies)</b>	Door
<b>Start Mile</b>		<b>Watershed(s)</b>	TK06
<b>End Mile</b>		<b>Trophic Status</b>	Data Not Available
<b>Size</b>	.72	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	08/29/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	Anclam Beach, WI501955 15-001		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

This beach was assessed for the 2018 listing cycle; E. coli data sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

<b>TMDL ID</b>	2010-8	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/2010	<b>Confirmed?</b>	
<b>Pollutant</b>	E. coli		
<b>Impairment</b>	Recreational Restrictions - Pathogens		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/16/2009 In 2009, water quality data for this beach was assessed from 2007-2009. Calculated geomeans for the last 3 years indicated that the water should be placed on the list at this time. This proposal is based on 15 % of the samples exceeded the geomean of 126 cfu/100ml which is the threshold for listing beaches. 10014523 Lake Michigan - Anclam Park 15-001 .

Document Title	Author Name	Comment
GREAT LAKES BEACHES 2010 IW DOCUMENTATION RECREATIONAL USE	Aaron Larson	Door County Ecoli data from USGS database

# Impaired Water Short Report

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Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	General King Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Sheboygan
Start Mile		Watershed(s)	SH03
End Mile		Trophic Status	Data Not Available
Size	.29	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 821		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

This beach was assessed for the 2018 listing cycle; E. coli data sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

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TMDL ID	821	TMDL Priority	Delisted 2010
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/14/2009 General King Park Beach has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on our 2010 WisCALM guidance.

# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Deland Park Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Sheboygan
Start Mile		Watershed(s)	SH03
End Mile		Trophic Status	Data Not Available
Size	.58	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/07/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 817		

Water Quality Trends Condition has remained stable; water is not impaired.

Comments: This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.

This beach was assessed for the 2018 listing cycle; E. coli data sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

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TMDL ID	817	TMDL Priority	Delisted 2010
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 10/13/2009 Deland Beach has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on our 2010 WisCALM guidance. Propose to Delist (<15 % exceedances)

Document Title	Author Name	Comment
GREAT LAKES 2010 BEACH LISTING CHANGES	Richmond, Nicole	

# Impaired Water Short Report

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Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Sunset Beach - Sturgeon Bay, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Door
Start Mile		Watershed(s)	TK06
End Mile		Trophic Status	Data Not Available
Size	.55	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 841		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

This beach was assessed during the 2018 listing cycle; E. coli sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

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TMDL ID	841	TMDL Priority	Delisted 2010
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/13/2009 Sunset Park Beach in Sturgeon Bay has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on our 2010 WisCALM guidance.

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Document Title	Author Name	Comment
GREAT LAKES 2010 BEACH LISTING CHANGES	Richmond, Nicole	

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Bender Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Milwaukee
Start Mile		Watershed(s)	SE04
End Mile		Trophic Status	Data Not Available
Size	.47	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 805		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

This beach was assessed for the 2018 listing cycle; E. coli data sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

TMDL ID	805	TMDL Priority	Delisted 2010
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/13/2009 Bender Beach has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on our 2010 WisCALM guidance.

Document Title	Author Name	Comment
GREAT LAKES 2010 BEACH LISTING CHANGES	Richmond, Nicole	

# Impaired Water Short Report

Date Report Run: 03/22/2018

<b>Official Waterbody Name</b>	Lake Michigan	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Atwater Beach, Lake Michigan	<b>WBIC</b>	20
<b>Water Type</b>	GREAT LAKES BEACH	<b>County(ies)</b>	Milwaukee
<b>Start Mile</b>		<b>Watershed(s)</b>	MI02
<b>End Mile</b>		<b>Trophic Status</b>	Data Not Available
<b>Size</b>	.65	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	09/05/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 800		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

This beach was assessed for the 2018 listing cycle; E. coli data sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.

<b>TMDL ID</b>	800	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/2006	<b>Confirmed?</b>	
<b>Pollutant</b>	E. coli		
<b>Impairment</b>	Recreational Restrictions - Pathogens		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/01/2007 This Lake Michigan beach was tested in 2003, 2004 and 2005. More than 15% of samples collected exceeded 235 cfu/100mL, the criteria for placement on the 2006 impaired waters list. Pollutant is bacteria and impairment is exceedance of bacteria criteria

10/13/2009 Atwater Park Beach has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on our 2010 WisCALM guidance.

Document Title	Author Name	Comment
GREAT LAKES 2010 BEACH LISTING CHANGES	Richmond, Nicole	

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Cedar Creek	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Cedar Creek	<b>WBIC</b>	21300
<b>Water Type</b>	RIVER	<b>County(ies)</b>	Ozaukee, Washington
<b>Start Mile</b>	5.01	<b>Watershed(s)</b>	MI04
<b>End Mile</b>	32.71	<b>Trophic Status</b>	TSI Not Applicable to Non-Lake
<b>Size</b>	27.7	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	10/29/2017
<b>303d Listed?</b>	Y		
<b>DNR Category</b>	Category 4A		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	Delist PCB FCA in 2010. No PCBs found when fish tissue sampling in 2002-4 different types of fish sampled, and 11 samples taken).		
<b>Water Quality Trends</b>	Water is impaired due to one or more pollutants and associated quality impacts.		
<b>Comments:</b>	<p>This water was assessed during the 2014 listing cycle; total phosphorus sample data exceed 2014 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).</p> <p>This water was assessed during the 2016 listing cycle; total phosphorus sample data exceed 2016 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category). This water was also assessed for chlorides and sample data did not exceed 2016 WisCALM chronic and acute listing criteria for the Fish and Aquatic Life use.</p> <p>Delist PCB FCA in 2010. No PCBs found when fish tissue sampling in 2002. 4 different types of fish sampled, and 11 samples taken.</p> <p>This water was assessed during the 2018 listing cycle; new total phosphorus sample data exceed 2018 WisCALM listing criteria for the Fish and Aquatic Life use, however, no biological data (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scores) were available to assess biological impairment.</p>		

<b>TMDL ID</b>	2014-15	<b>TMDL Priority</b>	Not Applicable
<b>Date Listed</b>	04/01/2014	<b>Confirmed?</b>	
<b>Pollutant</b>	Total Phosphorus	<b>Listed For:</b>	Fish and Aquatic Life
<b>Impairment</b>	Impairment Unknown	<b>Current Use:</b>	WWSF
<b>TMDL Status</b>	TMDL Approved	<b>Attainable Use:</b>	WWSF
		<b>Designated Use:</b>	Default FAL

**Impaired Waters Notes:**

03/09/2018	The Milwaukee River Watershed TMDL was approved by the EPA on March 9, 2018 and covers waters in the basin impaired for Total Phosphorus, Sediment/Total Suspended Solids, and bacteria (E. coli and Fecal Coliform).
01/16/2014	This water was assessed during the 2014 listing cycle; total phosphorus sample data exceed 2014 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).
10/07/2015	This water was assessed during the 2016 listing cycle; total phosphorus sample data exceed 2016 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).
04/13/2017	This water was assessed during the 2018 listing cycle; new total phosphorus sample data exceed 2018 WisCALM listing criteria for the Fish and Aquatic Life use,



however, no biological data (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scores) were available to assess biological impairment.

Document Title	Author Name	Comment
Comprehensive 2014 TP IBI Rivers Assessment	Water Evaluation Section	
Comprehensive 2016 Rivers Stream Assessments	Water Evaluation Section	
USEPA Approval Letter for the Milwaukee River Watershed TMDL	US EPA	
Total Maximum Daily Loads for Total Phosphorus, Total Suspended Solids, and Fecal Coliform: Milwaukee River Basin, Wisconsin	Milwaukee Metropolitan Sewerage District	
Comprehensive 2018 River/Stream Water Quality Assessments	Water Evaluation Section	
USEPA Decision Document for the Milwaukee River Watershed TMDL, WI	US EPA	

TMDL ID	69	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist PCB FCA in 2010 based on 2002 samples (11 samples, 4 different types of fish). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Beaver Dam Lake	Biologist	SCHRACS
Local Waterbody Name	Beaver Dam Lake, Main Basin	WBIC	2081200
Water Type	LAKE	County(ies)	Barron
Start Mile		Watershed(s)	LC05
End Mile		Trophic Status	Mesotrophic
Size	1163.32	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	08/30/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 32		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Data collected shows FCA specific advisory was removed and the water delisted in 2010.		

This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.

This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.

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TMDL ID	32	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 10/27/2009 Sites where data collected post 2000 -2007 and shows that general advice is sufficient.

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Unnamed	<b>Biologist</b>	W23321
<b>Local Waterbody Name</b>	Morgan Coulee Creek	<b>WBIC</b>	2440700
<b>Water Type</b>	RIVER	<b>County(ies)</b>	Pierce
<b>Start Mile</b>	2.34	<b>Watershed(s)</b>	LC22
<b>End Mile</b>	3.62	<b>Trophic Status</b>	TSI Not Applicable to Non-Lake
<b>Size</b>	1.28	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	01/01/2015
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 643 This AU: Third trib on south side of creek to the north side trib in NE NE S25.		
<b>Water Quality Trends</b>	Condition has improved over time; water is not impaired.		
<b>Comments:</b>	Recommend Delist 2010 based on new study data.		

<b>TMDL ID</b>	643	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/2002	<b>Confirmed?</b>	
<b>Pollutant</b>	Sediment/Total Suspended Solids		
<b>Impairment</b>	Elevated Water Temperature, Degraded Habitat		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 09/23/2009 The headwaters of Unnamed (Morgan Coulee Creek) were listed on the 303d list as not supporting an existing use of warm water forage fish. The impairments were listed as degraded habitat, and non-point source pollution causing active erosion and an accumulation of fine sediments, thereby limiting the stream potential for brook trout reproduction in the headwaters. Fish surveys completed at three stations in 2008, two downstream and one within the 303d portion of the stream, found multiple year classes of brook trout including young of the year brook trout. Fish population conditions were found to be similar throughout the three stations. Water temperatures in the stream were also well within the optimal range needed for brook trout. Stream conditions must be adequate, and not impaired, for multiple year classes of reproducing brook trout to be found. This portion of the stream has never been formally classified as a trout stream however it should codified as a Coldwater A fishery in the future, due to adequate water temperature, and habitat for brook trout reproduction, growth, and survival.

Document Title	Author Name	Comment
MORGAN COULEE 303D LISTING DOCUMENTATION	Holly Heldstab	Query SWIMS for Available Data
MORGAN COULEE 2010 IW DOCUMENTATION FORM	Hazuga, Mark	

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Eagle Lake	<b>Biologist</b>	SCHRACS
<b>Local Waterbody Name</b>	Eagle Lake (Pike Chain Of Lakes)	<b>WBIC</b>	2902900
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Bayfield
<b>Start Mile</b>		<b>Watershed(s)</b>	LS10
<b>End Mile</b>		<b>Trophic Status</b>	Oligotrophic
<b>Size</b>	163.42	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	09/21/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 354 (in part); Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).		

<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.
<b>Comments:</b>	Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).

This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.

This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.

<b>TMDL ID</b>	354 (in part)	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Twin Bear Lake	Biologist	SCHRACS
Local Waterbody Name	Twin Bear Lake (Pike Chain Of Lakes)	WBIC	2903100
Water Type	LAKE	County(ies)	Bayfield
Start Mile		Watershed(s)	LS10
End Mile		Trophic Status	Oligotrophic
Size	157.16	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	10/01/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 354 (in part); Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).		

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TMDL ID	354 (in part)	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Hart Lake	Biologist	SCHRACS
Local Waterbody Name	Hart Lake (Pike Chain Of Lakes)	WBIC	2903200
Water Type	LAKE	County(ies)	Bayfield
Start Mile		Watershed(s)	LS10
End Mile		Trophic Status	Oligotrophic
Size	256.87	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	07/11/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 354 (in part); Delist Hg FCA based on 2005 Walleye data (12 samples).		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).		

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TMDL ID	354 (in part)	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Lake Millicent	Biologist	SCHRACS
Local Waterbody Name	Millicent Lake (Pike Chain Of Lakes)	WBIC	2903700
Water Type	LAKE	County(ies)	Bayfield
Start Mile		Watershed(s)	LS10
End Mile		Trophic Status	Oligotrophic
Size	182.69	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	08/29/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 354 (in part);Delist Hg FCA in 2010 based on 2005 Walleye data (12 samples).		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).		

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TMDL ID	354 (in part)	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist Hg FCA based on 2005 Walleye data (12 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Buskey Bay	Biologist	SHRACS
Local Waterbody Name	Buskey Bay Lake (Pike Chain Of Lakes)	WBIC	2903800
Water Type	LAKE	County(ies)	Bayfield
Start Mile		Watershed(s)	LS10
End Mile		Trophic Status	Oligotrophic
Size	88.28	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	10/01/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 354 (in part) Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).		

Water Quality Trends Condition has remained stable; water is not impaired.

Comments: Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples).

TMDL ID	354 (in part)	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2005 Walleye data (12 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		



**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Suukjak Sep Creek	<b>Biologist</b>	W23321
<b>Local Waterbody Name</b>	Suukjak Sep Creek	<b>WBIC</b>	1665800
<b>Water Type</b>	RIVER	<b>County(ies)</b>	Monroe
<b>Start Mile</b>	0	<b>Watershed(s)</b>	BL06
<b>End Mile</b>	.07	<b>Trophic Status</b>	TSI Not Applicable to Non-Lake
<b>Size</b>	.07	<b>NPS Rank</b>	High Stream
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 612 This AU: Mouth to Squaw Lake (a very short segment) 2008 Reclass to Class III Trout from Class II. Prior to 2016 this was named "Squaw Creek".		
<b>Water Quality Trends</b>	Condition has improved over time; water is not impaired.		
<b>Comments:</b>	Delist in 2010. On 1980 trout streams list (class 2) 2008 for Class III. Located in Fort McCoy, TMDL was developed and approved by EPA in 2006.		

<b>TMDL ID</b>	612	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/2002	<b>Confirmed?</b>	
<b>Pollutant</b>	Elevated Water Temperature		
<b>Impairment</b>	Impairment Unknown		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 11/02/2009 Located in Fort McCoy, TMDL was developed, approved by EPA March 30, 2007. Dam at Squaw Lake discharges water warmed in impoundment. This stream is located entirely within the Fort McCoy Military Reservation. Stream was reclassified in the fisheries program in 2008 to a Class III from a Class II. The stream was originally listed as a Class II in the 1980 Trout Book.

11/29/2009 Squaw Creek, located within Fort McCoy in central Monroe County, flows for nearly six miles in a southwesterly direction before reaching the La Crosse River. It has a gradient of 25 feet per mile and drains a portion of Fort McCoy and a small amount of agricultural land outside the Fort. Squaw Creek is a Class I trout stream above Squaw Lake for 5.6 miles and Class II (2008 update) below Squaw Lake for 0.2 miles. The primary substrate of Squaw Creek is sand with small amounts of gravel and boulder present. In-stream cover is scarce. Stormwater runoff from the many buildings and roads centered in the Fort contribute to erosion problems in the creek. Brook trout and a variety of forage fish species make up the Squaw Creek fishery. The addition of in-stream cover would benefit the Squaw Creek fishery. Access to Squaw Creek is via Fort McCoy.

In 2006 a TMDL was developed and approved by EPA for the impaired portion of stream. The TMDL described that the dam at Squaw Lake discharges water warmed in impoundment. In 2008 the stream was reclassified from a Class III to a Class II below Squaw Lake based on earlier survey work. Surveys demonstrated adequate habitat and water quality conditions for trout from Squaw Lake downstream to the La Crosse River. However, annual stocking of legal-sized trout is required to provide trout fishing. Generally there is no carryover of trout from one year to the next. The stream is recommended for delisting in 2010.

# Impaired Water Short Report

Date Report Run: 03/22/2018

12/21/2017 Prior to 12/21/2017 this listing was both pollutant and impairment was 'Elevated Water Temperature' but the impairment was changed to 'Impairment Unknown'. The pollutant/cause and impairment cannot be the same.

Document Title	Author Name	Comment
Squaw Creek 1665800 Impaired Waters Listing Documentation 2008	Cindy Koperski	
Squaw and Stillwell Creeks (1662600 1665800) TMDLs	WDNR WES	

Official Waterbody Name	Lake Nokomis	Biologist	W23321
Local Waterbody Name	Lake Nokomis	WBIC	1516500
Water Type	IMPOUNDMENT	County(ies)	Lincoln,Oneida
Start Mile		Watershed(s)	UW36
End Mile		Trophic Status	Eutrophic
Size	2274.29	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	11/08/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 313; Delist in 2010 Hg FCA based on 2004 Walleye Data (10 samples).		

Water Quality Trends	Condition has remained stable; water is not impaired.
Comments:	Delist in 2010 Hg FCA based on 2004 Walleye Data (10 samples).

TMDL ID	313	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2004 Walleye Data (10 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

# Impaired Water Short Report

Date Report Run: 03/22/2018

<b>Official Waterbody Name</b>	Ward Lake	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Ward Lake	<b>WBIC</b>	2599400
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Polk
<b>Start Mile</b>		<b>Watershed(s)</b>	SC12
<b>End Mile</b>		<b>Trophic Status</b>	Eutrophic
<b>Size</b>	82.2	<b>NPS Rank</b>	High Lake
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	08/22/2017
<b>303d Listed?</b>	Y		
<b>DNR Category</b>	Category 5A		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 505; Delist Hg FCA in 2010 based on 2005 Largemouth Bass data (14 samples).		
<b>Water Quality Trends</b>	Water is impaired due to one or more pollutants and associated quality impacts.		
<b>Comments:</b>	This water was assessed during the 2012 listing cycle, and total phosphorus and chlorophyll sample data exceed criteria for the recreation use.		

This water was assessed during the 2014 listing cycle; chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use, however, total phosphorus data do not exceed REC thresholds. Total phosphorus and chlorophyll data do not exceed Fish and Aquatic Life thresholds.

This water was assessed during the 2016 listing cycle; chlorophyll sample data exceed 2016 WisCALM listing thresholds for the Recreation use, however, total phosphorus did not exceed REC thresholds. Total phosphorus and chlorophyll data were clearly below Fish and Aquatic Life listing thresholds.

This water was assessed during the 2018 listing cycle; new chlorophyll sample data exceeded 2018 WisCALM listing thresholds for the Recreation use. Chlorophyll sample data were clearly below listing thresholds for the Fish and Aquatic Life use.

<b>TMDL ID</b>	505	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Pollutant Removed		

**Impaired Waters Notes:** 10/08/2009 Delist Hg FCA in 2010 based on 2005 Largemouth Bass data (14 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

<b>TMDL ID</b>	2012-3006	<b>TMDL Priority</b>	Low
<b>Date Listed</b>	04/01/2012	<b>Confirmed?</b>	
<b>Pollutant</b>	Total Phosphorus	<b>Listed For:</b>	Recreation
<b>Impairment</b>	Excess Algal Growth	<b>Current Use:</b>	Full Body Contact
<b>TMDL Status</b>	303d Listed	<b>Attainable Use:</b>	Full Body Contact
		<b>Designated Use:</b>	Full Body Contact

**Impaired Waters Notes:** 07/12/2017 This water was assessed during the 2018 listing cycle; new chlorophyll sample data exceeded 2018 WisCALM listing thresholds for the Recreation use. Chlorophyll sample data were clearly below listing thresholds for the Fish and Aquatic Life use.

03/24/2014 This water was assessed during the 2014 listing cycle; chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use, however, total phosphorus data do not exceed REC thresholds. Total phosphorus and chlorophyll data do not exceed Fish and Aquatic Life thresholds.

10/19/2015 This water was assessed during the 2016 listing cycle; chlorophyll sample data exceed 2016 WisCALM listing thresholds for the Recreation use, however, total phosphorus did not exceed REC thresholds. Total phosphorus and chlorophyll data were clearly below Fish and Aquatic Life listing thresholds.

Document Title	Author Name	Comment
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	
Comprehensive 2018 Lake/Impoundment Water Quality Assessments	Water Evaluation Section	
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Spring Lake	Biologist	W23321
Local Waterbody Name	Spring Lake	WBIC	2498600
Water Type	LAKE	County(ies)	Washburn
Start Mile		Watershed(s)	SC21
End Mile		Trophic Status	Mesotrophic
Size	204.33	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	10/03/2016
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 459; Delist in 2010 Hg FCA based on Largemouth Bass (n=7) and Walleye data (n=2) from 2005.		

Water Quality Trends	Condition has remained stable; water is not impaired.
Comments:	Delist in 2010 Hg FCA based on Largemouth Bass (n=7) and Walleye data (n=2) from 2005. This water was found to meet fish consumption uses.

TMDL ID	459	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on Largemouth Bass (n=7) and Walleye data (n=2) from 2005. This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Big Portage Lake	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Big Portage Lake	<b>WBIC</b>	1629500
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Vilas
<b>Start Mile</b>		<b>Watershed(s)</b>	UW45
<b>End Mile</b>		<b>Trophic Status</b>	Mesotrophic
<b>Size</b>	586.32	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	09/21/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 43; Delist in 2010 Hg FCA based on 2004 Walleye Data (7 samples).		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	<p>This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.</p> <p>This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.</p> <p>This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.</p>		

<b>TMDL ID</b>	43	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2004 Walleye Data (7 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Bass Lake	<b>Biologist</b>	W23321
<b>Local Waterbody Name</b>	Bass Lake	<b>WBIC</b>	521400
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Marinette
<b>Start Mile</b>		<b>Watershed(s)</b>	GB08
<b>End Mile</b>		<b>Trophic Status</b>	Oligotrophic
<b>Size</b>	40.34	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	09/04/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 23 Verified that all pollutants/impairments should be delisted from 303d in 2010 (Hg FCA, Phos/Eutro).		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.		

<b>TMDL ID</b>	23	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/26/2009 In review of the previous fish tissue contamination listing, Candy Schrank recommends that it be delisted for mercury/fish tissue contamination, because it appears that it was originally listed in error. Greg Sevener concurs. There was no data that should have led to it being listed in 2000, and the only data available, from 2001, show levels ranging from .28 to .93, which would not meet the threshold for a specific listing.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE BASS LAKE 2010 IW DOCUMENTATION HG DATASET		
2010 Fish Consumption Advice Changes BASS LAKE 2010 IW DOCUMENTATION	Candy Schrank Sevener, Greg	

<b>TMDL ID</b>	23	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Total Phosphorus		
<b>Impairment</b>	Eutrophication		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/18/2009 Since the practices were implemented to reduce external phosphorus loading from agricultural sources in the Bass Lake watershed followed by the alum treatment in 1999 to assist in diminishing the internal phosphorus loading, Bass Lake's water quality has improved and recovered from a eutrophic condition. Refer to the Bass Lake Restoration Project Final Report November 2008 for details on the reduction of internal and external phosphorus loading. The Trophic Status Indices (TSI) have shown steady improvements in the past five years. The chlorophyll TSI has been 41.7, the secchi TSI has averaged 37, and the phosphorus TSI has averaged 49 in

the past five years. WisCALM 2009 categorizes these indices as being good to excellent for a deep headwater lake. The debilitating algal blooms no longer occur which has allowed generally improved macrophyte growth. The fish population was surveyed using electrofishing equipment in 2008 and found to be a healthy largemouth bass and panfish fishery. Bass Lake still experiences routine hypolimnetic anoxia from sediment oxygen demand where the oxygen drops below 5 mg/l, however, significantly more of the water column profile down to 8 meters plus in open water now experiences adequate oxygen concentrations for fish and aquatic life. There is a Winkler Titration oxygen profile in the lake fish file which shows oxygen dropping to zero at 9 meters in July back in 1964 prior to severe lake eutrophication taking place. There have been no reported fish kills with the water quality improvements. The lake exhibits a strong temperature and oxygen stratification but does turn over in the spring and fall or is dimictic. It is the author's opinion the water body is meeting the warm water sport fish use designation and recommend Bass Lake to be delisted from the 303d list.

04/01/2008 Note: Internal tracking lists "EAP" but still considered Category 5A

02/28/2014 This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.

Document Title	Author Name	Comment
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
BASS LAKE PROJECT DATA	Druckery, Chuck	
BASS LAKE 2008 LAKE RESTORATION PROJECT FINAL REPORT	Druckery, Chuck	
BASS LAKE 2010 IW DOCUMENTATION LISTING DATASET		Project Final Report > 5 MB
BASS LAKE 2010 IW DOCUMENTATION	Sevener, Greg	



# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Gilas Lake	Biologist	SCHRACS
Local Waterbody Name	Gilas Lake	WBIC	523300
Water Type	LAKE	County(ies)	Marinette
Start Mile		Watershed(s)	GB08
End Mile		Trophic Status	Mesotrophic
Size	134.8	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	08/18/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 164; Delist Hg FCA in 2010 based on Largemouth Bass 2006 data (8 samples).		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Delisted in 2010 Hg FCA based on Largemouth Bass 2006 Data (8 samples). More data was assessed for the 2014 cycle and confirmed that this should still be delisted for Mercury.  This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.  This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.		

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TMDL ID	164	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2010 Delist in 2010 Hg FCA based on Largemouth Bass 2006 Data (8 samples).

# Impaired Water Short Report

Date Report Run: 03/22/2018

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Official Waterbody Name	Long Lake	Biologist	W23321
Local Waterbody Name	Long Lake Kettle Moraine St. Park North Beach	WBIC	38700
Water Type	INLAND BEACH	County(ies)	Fond du Lac
Start Mile		Watershed(s)	MI06
End Mile		Trophic Status	Oligotrophic
Size	.33	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	07/11/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	Water to be delisted 2010. 2007-2009 data indicate no impairment by E.coli.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

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TMDL ID	2008-22	TMDL Priority	Delisted 2010
Date Listed	04/01/2008	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/06/2009 Evaluated data 2007-2009 and only 1 exceedance of the geomean (126cfu/100mL) of 86 samples.

Document Title	Author Name	Comment
LONG LAKE BEACH 2008 WAUSHARA COUNTY		Query SWIMS for Available Data

# Impaired Water Short Report

Date Report Run: 03/22/2018

<b>Official Waterbody Name</b>	Red Cedar River	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Red Cedar River	<b>WBIC</b>	2063500
<b>Water Type</b>	RIVER	<b>County(ies)</b>	Barron,Dunn
<b>Start Mile</b>	28.72	<b>Watershed(s)</b>	LC04,LC07,LC09
<b>End Mile</b>	73.6	<b>Trophic Status</b>	TSI Not Applicable to Non-Lake
<b>Size</b>	44.88	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	10/10/2015
<b>303d Listed?</b>	Y		
<b>DNR Category</b>	Category 5P		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 381 This AU: Tainter Lake inlet to Yellow River.		
<b>Water Quality Trends</b>	Water is impaired due to one or more pollutants and associated quality impacts.		
<b>Comments:</b>	<p>This water was assessed during the 2012 listing cycle, and total phosphorus sample data exceed 2012 WisCALM listing criteria for the fish and aquatic life use; however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category). This stream segment was reassessed during the 2012 assessment cycle using data from 2001-2010 and revised assessment methodology (draft 2014 WisCALM). Using this methodology, total phosphorus data exceed criteria for the Fish and Aquatic Life use; however, available biological data do not indicate impairment. This water was assessed during the 2014 listing cycle; total phosphorus sample data exceed 2014 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).</p> <p>This water was assessed during the 2018 listing cycle; new total phosphorus sample data exceed 2018 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).</p>		

<b>TMDL ID</b>	2012-32	<b>TMDL Priority</b>	Low
<b>Date Listed</b>	04/01/2012	<b>Confirmed?</b>	
<b>Pollutant</b>	Total Phosphorus	<b>Listed For:</b>	Fish and Aquatic Life
<b>Impairment</b>	Impairment Unknown	<b>Current Use:</b>	WWSF
<b>TMDL Status</b>	303d Listed	<b>Attainable Use:</b>	WWSF
		<b>Designated Use:</b>	Default FAL

<b>Impaired Waters Notes:</b>	05/20/2013	This stream segment was assessed during the 2012 listing cycle, and total phosphorus sample data exceed criteria for the fish and aquatic life use.
	02/26/2014	This water was assessed during the 2014 listing cycle; total phosphorus sample data exceed 2014 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).
	04/14/2017	This water was assessed during the 2018 listing cycle; new total phosphorus sample data exceed 2018 WisCALM listing criteria for the Fish and Aquatic Life use, however, available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).

Document Title	Author Name	Comment
2012 TP package results using 2014 WisCALM protocols	WDNR	updated TP Package output for the 2012 assessment period (using the 2014 WisCALM)
Comprehensive 2014 TP IBI Rivers Assessment	Water Evaluation Section	
Comprehensive 2018 River/Stream Water	Water Evaluation	

# Impaired Water Short Report

Date Report Run: 03/22/2018

## Quality Assessments

## Section

<b>TMDL ID</b>	381	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 02/24/2010 This area of the river should not be listed for a fish consumption advisory. This is a correctoin of a mistake.

Document Title	Author Name	Comment
RED CEDAR RIVER IMPAIRED WATERS DATA DOCUMENTATION 2008		

<b>Official Waterbody Name</b>	Lake Superior	<b>Biologist</b>	W23321
<b>Local Waterbody Name</b>	Brule River State Forest Beach #2, Lake Superior	<b>WBIC</b>	2751220
<b>Water Type</b>	GREAT LAKES BEACH	<b>County(ies)</b>	Douglas
<b>Start Mile</b>		<b>Watershed(s)</b>	LS03
<b>End Mile</b>		<b>Trophic Status</b>	Data Not Available
<b>Size</b>	.36	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	MILES	<b>Last Monitored</b>	01/01/2015
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 806		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

<b>TMDL ID</b>	806	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/2006	<b>Confirmed?</b>	
<b>Pollutant</b>	E. coli		
<b>Impairment</b>	Recreational Restrictions - Pathogens		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/01/2009 Brule River State Forest Beach #2 has had 3 consecutive years of beach monitoring data that meet minimum sampling requirements and have met requirements for delisting based on the 2010 WisCALM guidance.

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Upper Saint Croix Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Upper St. Croix Lake	WBIC	2747300
Water Type	LAKE	County(ies)	Douglas
Start Mile		Watershed(s)	SC18
End Mile		Trophic Status	Eutrophic
Size	828.28	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	09/04/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments			
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.		

This water was assessed during the 2016 listing cycle; total phosphorus sample data were clearly below 2016 WisCALM listing thresholds for Recreation use and Fish and Aquatic Life use. Chlorophyll sample data were clearly below FAL use listing thresholds and did not exceed REC listing thresholds. This water was also assessed for chlorides and sample data were clearly below 2016 WisCALM chronic and acute listing criteria for the Fish and Aquatic Life use.

This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.

TMDL ID		TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/01/2009 Sites where data collected post 2000 -2007 and shows that general advice is sufficient. Bold shows sites that have been removed from the post-2000 site specific advisory list. Unbolded sites may be on the 303d list because they were on a pre-2000 advisory list but the locations fall under the general advisory.

Delist in 2010 Hg FCA based on Walleye 2004 data (10 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Pine Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Pine Lake (Cloverleaf Chain)	WBIC	299100
Water Type	LAKE	County(ies)	Shawano
Start Mile		Watershed(s)	WR09
End Mile		Trophic Status	Mesotrophic
Size	217.13	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/12/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 87 (in part); Delist Hg FCA in 2010 based on 2005 data: 10 samples of Largemouth Bass.		

**Water Quality Trends** Condition has remained stable; water is not impaired.

**Comments:** This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.

This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use. This water was also assessed for chlorides and sample data were clearly below 2016 WisCALM chronic and acute listing criteria for the Fish and Aquatic Life use.

This water was assessed during the 2018 listing cycle; new total phosphorus, chlorophyll, and chloride sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.

TMDL ID	87 (in part)	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist Hg FCA in 2010 based on 2005 data: 10 samples of Largemouth Bass. This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Grass Lake	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Grass Lake (Cloverleaf Chain)	<b>WBIC</b>	299200
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Shawano
<b>Start Mile</b>		<b>Watershed(s)</b>	WR09
<b>End Mile</b>		<b>Trophic Status</b>	Mesotrophic
<b>Size</b>	89.7	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	09/12/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 87 (in part). Delist 2010 FCA based on Largemouth Bass 2006 data (8 samples).		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.		
	This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use. This water was also assessed for chlorides and sample data were clearly below 2016 WisCALM chronic and acute listing criteria for the Fish and Aquatic Life use.		
	This water was assessed during the 2018 listing cycle; new total phosphorus, chlorophyll, and chloride sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.		

<b>TMDL ID</b>	87 (in part)	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on Largemouth Bass 2006 data (8 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

**Impaired Water Short Report**

**Date Report Run: 03/22/2018**

<b>Official Waterbody Name</b>	Round Lake	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Round Lake (Cloverleaf Chain)	<b>WBIC</b>	299300
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Shawano
<b>Start Mile</b>		<b>Watershed(s)</b>	WR09
<b>End Mile</b>		<b>Trophic Status</b>	Mesotrophic
<b>Size</b>	27.05	<b>NPS Rank</b>	Not Ranked
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	09/12/2017
<b>303d Listed?</b>	N		
<b>DNR Category</b>	Category 2		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 87 (in part). Delist in 2010, Hg FCA based on 2005 data: 10 samples of Largemouth Bass.		
<b>Water Quality Trends</b>	Condition has remained stable; water is not impaired.		
<b>Comments:</b>	<p>This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.</p> <p>This water was assessed during the 2016 listing cycle; total phosphorus and chlorophyll sample data were clearly below 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use. This water was also assessed for chlorides and sample data were clearly below 2016 WisCALM chronic and acute listing criteria for the Fish and Aquatic Life use.</p> <p>This water was assessed during the 2018 listing cycle; new total phosphorus, chlorophyll, and chloride sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.</p>		

<b>TMDL ID</b>	87 (in part)	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist Hg FCA in 2010 based on 2005 data: 10 samples of Largemouth Bass. This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	



# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Spider Lake	Biologist	W23321
Local Waterbody Name	Spider Lake	WBIC	2329300
Water Type	LAKE	County(ies)	Vilas
Start Mile		Watershed(s)	UC16
End Mile		Trophic Status	Mesotrophic
Size	278.13	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/13/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 447; Delist Hg FCA in 2010 based on 2004 Walleye data (10 samples).		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Delist Hg FCA in 2010 based on 2004 Walleye data (10 samples).		

TMDL ID	447	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist Hg FCA in 2010 based on 2004 Walleye data (10 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Manitowish Lake	Biologist	W23321
Local Waterbody Name	Manitowish Lake	WBIC	2329400
Water Type	LAKE	County(ies)	Vilas
Start Mile		Watershed(s)	UC16
End Mile		Trophic Status	Mesotrophic
Size	495.83	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	02/21/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 263 Delist in 2010 Hg FCA based on 2004 Walleye data (10 samples).		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Delist in 2010 Hg FCA based on 2004 Walleye data (10 samples).		

TMDL ID	263	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2004 Walleye data (10 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

# Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Alder Lake	Biologist	W23321
Local Waterbody Name	Alder Lake	WBIC	2329600
Water Type	LAKE	County(ies)	Vilas
Start Mile		Watershed(s)	UC16
End Mile		Trophic Status	Mesotrophic
Size	264.29	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	07/06/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 4; Delist in 2010 Hg FCA based on 2004 Walleye Data (8 samples).		

Water Quality Trends	Condition has remained stable; water is not impaired.
Comments:	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.

TMDL ID	4	TMDL Priority	Delisted 2010
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

**Impaired Waters Notes:** 10/08/2009 Delist in 2010 Hg FCA based on 2004 Walleye Data (8 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes WISCONSIN SPECIFIC ADVICE	Candy Schrank	Query SWIMS for Available Data

# Impaired Water Short Report

Date Report Run: 03/22/2018

<b>Official Waterbody Name</b>	Amnicon Lake	<b>Biologist</b>	Beranek, Ashley E
<b>Local Waterbody Name</b>	Amnicon Lake	<b>WBIC</b>	2858100
<b>Water Type</b>	LAKE	<b>County(ies)</b>	Douglas
<b>Start Mile</b>		<b>Watershed(s)</b>	LS03
<b>End Mile</b>		<b>Trophic Status</b>	Mesotrophic
<b>Size</b>	390.23	<b>NPS Rank</b>	High Stream
<b>Measurement Unit</b>	ACRES	<b>Last Monitored</b>	11/10/2017
<b>303d Listed?</b>	Y		
<b>DNR Category</b>	Category 5A		
<b>Assessment Level</b>	Monitored		
<b>Assessment Unit Comments</b>	TMDL ID = 7 Category 5A Delist Hg FCA in 2010 based on 2006 Walleye data (12 samples).		
<b>Water Quality Trends</b>	Water is impaired due to one or more pollutants and associated quality impacts.		
<b>Comments:</b>	Amnicon Lake is listed as impaired due to sediment. In 2010, it was delisted for mercury based on 2006 walleye data.		

This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll data clearly met Fish and Aquatic Life thresholds. Total phosphorus and chlorophyll data do not exceed Recreation use thresholds. Total phosphorus is proposed for deletion in 2014.

This water was assessed during the 2018 listing cycle; new chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.

<b>TMDL ID</b>	7	<b>TMDL Priority</b>	Low
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Sediment/Total Suspended Solids	<b>Listed For:</b>	Fish and Aquatic Life
<b>Impairment</b>	Elevated Water Temperature, Degraded Habitat	<b>Current Use:</b>	Deep Lowland
<b>TMDL Status</b>	303d Listed	<b>Attainable Use:</b>	FAL
		<b>Designated Use:</b>	Default FAL

**Impaired Waters Notes:** 03/15/2010 Newly added Sediment based on new data - 2008. Clarified impairments: degraded habitat, elevated water temperature.

<b>TMDL ID</b>	7	<b>TMDL Priority</b>	Delisted 2010
<b>Date Listed</b>	04/01/1998	<b>Confirmed?</b>	
<b>Pollutant</b>	Mercury		
<b>Impairment</b>	Contaminated Fish Tissue		
<b>TMDL Status</b>	Pollutant Removed		

**Impaired Waters Notes:** 10/08/2009 Delist Hg FCA in 2010 based on 2006 Walleye data (12 samples). This waterbody has data after the methodology changed for fish consumption advice. This waterbody has enough fish tissue samples to remove these waters from the 303(d) list as a FCA, although they will still all be covered under the state's general advisory for fish consumption. The post-2000 data confirms that these sites do not need advice more stringent than the statewide general advice.

Document Title	Author Name	Comment
2010 Fish Consumption Advice Changes	Candy Schrank	

<b>TMDL ID</b>	7
<b>Date Listed</b>	04/01/1998
<b>Pollutant</b>	Total Phosphorus

# Impaired Water Short Report

Date Report Run: 03/22/2018

Impairment	Low DO	TMDL Priority	Delisted 2014
TMDL Status	Pollutant Removed	Confirmed?	
		Listed For:	Fish and Aquatic Life
		Current Use:	Deep Lowland
		Attainable Use:	FAL
		Designated Use:	Default FAL

**Impaired Waters Notes:** 07/13/2017 This water was assessed during the 2018 listing cycle; new chlorophyll sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.

03/15/2010 Newly added phosphorus based on new data- 2008. Clarified impairments: dissolved oxygen for total phosphorus

06/13/2011 TP and/or chlorophyll data from the period 2006-2010 were insufficient to assess per 2012 WisCALM. However, the previous assessment(s) were carried forward, and the lake remains listed as impaired.

01/15/2014 This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll data clearly met Fish and Aquatic Life thresholds. Total phosphorus and chlorophyll data do not exceed Recreation use thresholds.

Document Title	Author Name	Comment
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
Comprehensive 2018 Lake/Impoundment Water Quality Assessments	Water Evaluation Section	
Amnicon Lake 2858100 Chla Package Rpt 2012	Aaron Larson	
Amnicon Lake 2858100 TP Package Rpt 2012	Aaron Larson	