

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Geneva Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Linn/Robinson Public Beach, Lake Geneva	WBIC	758300
Water Type	INLAND BEACH	County(ies)	Walworth
Start Mile		Watershed(s)	FX03
End Mile		Trophic Status	Data Not Available
Size	.04	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/28/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	Only use station HR3.		
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	827	TMDL Priority	Delisted 2008
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Data does not support this listing.
12/02/2008 This inland lake 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. However, it was later found that one of the stations used was a mixing zone station for a discharge from a stream. these data were erroneously included in the beach analysis.

Document Title	Author Name	Comment
LAKE GENEVA HR1 ROBINSON BEACH 2008 IMPAIRED WATERS DATA DOCUMENTATION	Betz, Carolyn	Query SWIMS for Available Data

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Date Report Run: 03/22/2018

Official Waterbody Name	Melancthon Creek	Biologist	Beranek, Ashley E
Local Waterbody Name	Melancthon Creek	WBIC	1232200
Water Type	RIVER	County(ies)	Vernon
Start Mile	6.76	Watershed(s)	LW13
End Mile	7.59	Trophic Status	TSI Not Applicable to Non-Lake
Size	.83	NPS Rank	Low Stream
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	DELISTED 2008 This AU: Richland-Vernon county line to trib near Highway 80 crossing in Vernon Co.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This water was delisted for TSS in 2008. This water was assessed during the 2014 listing cycle; total phosphorus and biological (macroinvertebrate or fish Index of Biotic Integrity (IBI) scores) sample data clearly met 2014 WisCALM listing thresholds for the Fish and Aquatic Life use.		
	This water was assessed during the 2018 assessment cycle; a general assessment of fish found conditions to be fair.		

TMDL ID	279	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Degraded Habitat		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Waterbody is now meeting designated uses. Land use practices resulted in water quality improvements. This AU: Richland-Vernon county line to trib near Highway 80 crossing in Vernon Co.

Document Title	Author Name	Comment
MELANCTHON CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION	Villeneuve, Valérie	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Unnamed	Biologist	W23321
Local Waterbody Name	Waxdale Creek	WBIC	2300
Water Type	RIVER	County(ies)	Racine
Start Mile	0	Watershed(s)	SE02
End Mile	2.91	Trophic Status	TSI Not Applicable to Non-Lake
Size	2.91	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/30/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 507 NR104 ID = 363 entire stream T23N R22E S22 SE SE basin plan		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	On 303d list since 1998; also on NR104 list (LFF). Degraded habitat from stream channelization and stormwater runoff. Historic fish kills from spills attributed to point source. See attached report.		

TMDL ID	507	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Unknown Pollutant	Listed For:	Fish and Aquatic Life
Impairment	Chronic Aquatic Toxicity	Current Use:	FAL
TMDL Status	Pollutant Removed	Attainable Use:	FAL
		Designated Use:	LFF

Impaired Waters Notes: 04/01/2008 Remove chronic toxicity - this is from an historical fish kill (1983)with no repeat activity. This historic event is not reflective of current conditions.

Document Title	Author Name	Comment
WAXDALE CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION	Aho, Matthew, Burzynski, Marsha	
2007 Waxdale Creek Fish Kill Investigation	Joseph Cunningham	Query SWIMS for Available Data

TMDL ID	507	TMDL Priority	Low
Date Listed	04/01/2008	Confirmed?	
Pollutant	Sediment/Total Suspended Solids	Listed For:	Fish and Aquatic Life
Impairment	Degraded Habitat	Current Use:	FAL
TMDL Status	303d Listed	Attainable Use:	FAL
		Designated Use:	LFF

Impaired Waters Notes: 04/01/2008 Addition based on new data. Removal of chronic toxicity as a pollutant (listed in 1998) is a correction. Add sediment as pollutant and degraded habitat as impairment. Remove chronic toxicity - this is from an historical fish kill with no repeat activity.

Waxdale Creek was listed on the Impaired Waters list for chronic aquatic toxicity due to point and nonpoint source discharges. The files indicate one fish kill investigation from August 1983, where over 14,000 fish were documented killed. The kill was attributed to a spill from a business discharging to Waxdale Creek. The exact agent causing the kill was not specifically determined, but the toxicity was acute, and not chronic. No other fish kill documents were found. The attached stream classification survey (1993) noted chronic water quality and habitat problems from nonpoint source runoff. We could find no evidence that other sampling efforts have been conducted on this waterbody.

Document Title	Author Name	Comment
WAXDALE CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION	Aho, Matthew, Burzynski, Marsha	Query SWIMS for Available Data
2007 Waxdale Creek Fish Kill Investigation	Joseph Cunningham	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Green Bay	Biologist	W23321
Local Waterbody Name	Green Bay (Wi -Menominee Aoc)	WBIC	70
Water Type	RIVER	County(ies)	Marinette
Start Mile	0	Watershed(s)	GB07,GB13
End Mile	6.43	Trophic Status	Data Not Available
Size	6.43	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/22/2016
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 282.This AU: Mouth of Menominee River to Rader Road (which is 3 miles south of the mouth of the river).		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Green Bay portion of Lower Menominee AOC, on 303d list. On 303d List since 1998 for Arsenic and PAHs. The specific mercury advisory for this area was lifted in 2008.		

TMDL ID	282	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Arsenic	Listed For:	Fish and Aquatic Life
Impairment	Contaminated Sediment	Current Use:	WWSF
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 10/15/2010 Also listed for PCBs, total phosphorus, and total suspended solids.

Document Title	Author Name	Comment
Green Bay 70 Impaired Waters Listing Documentation 2008	Helmuth	Query SWIMS for Available Data

TMDL ID	282	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 Correction. Delist mercury, no specific advisory.

Document Title	Author Name	Comment
Green Bay 70 Impaired Waters Listing Documentation 2008	Helmuth	Query SWIMS for Available Data
EPA review comments of 2010 to 2012 listing discrepancies 1-16-13	Aaron Larson	

TMDL ID	282	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	PAHs	Listed For:	Fish and Aquatic Life
Impairment	Contaminated Sediment	Current Use:	WWSF
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 10/15/2010 04/01/1998 - This segment of Green Bay suggested for listing for PCBs in the water.

Document Title	Author Name	Comment
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Green Bay 70 Impaired Waters Listing
Documentation 2008

Helmuth

Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Butte des Morts	Biologist	Beranek, Ashley E
Local Waterbody Name	Lake Butte Des Morts	WBIC	139900
Water Type	LAKE	County(ies)	Winnebago
Start Mile		Watershed(s)	UF04,UF05,WR01
End Mile		Trophic Status	Eutrophic
Size	8569.14	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/16/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 64		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Lake Butte Des Morts is considered impaired for excess phosphorus and sediment from watershed sources, runoff and resuspension of lake sediments. The overall condition of the lake is eutrophic, and its general condition is "poor". Several fish kill or fish report incidences have been reported in the past several years involving carp, crappie, walleye and sturgeon. This lake is know to have zebra mussels, eurasian watermilfoil, rusty crayfish. The water is also noted as a smallmouth bass fishery.		

This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceed 2016 WisCALM listing thresholds for the Recreation use, and chlorophyll data exceed REC thresholds.

This water was assessed during the 2018 listing cycle; total phosphorus and chlorophyll-a sample data clearly exceeded 2018 WisCALM listing criteria for the Recreation use and Fish and Aquatic Life use. New fish tissue data indicates that this waterbody no longer needs a specific fish consumption advice for PCBs. This water should have its PCB listing removed.

TMDL ID	64	TMDL Priority	High
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication	Current Use:	Shallow Lowland
TMDL Status	TMDL Development	Attainable Use:	FAL
		Designated Use:	WWFF

Impaired Waters Notes: 04/03/2010 Lake Butte Des Morts is considered impaired for excess phosphorus and sediment from watershed sources, runoff and resuspension of lake sediments. The overall condition of the lake is eutrophic, and its general condition is "poor". Several fish kill or fish report incidences have been reported in the past several years involving carp, crappie, walleye and sturgeon. This lake is know to have zebra mussels, eurasian watermilfoil, rusty crayfish. The water is also noted as a smallmouth bass fishery.

Document Title	Author Name	Comment
LAKE BUTTE DES MORTS 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	

TMDL ID	64	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New Fish Contaminant Data, No Specific Advisory for Hg. PCBs FCA (drop Hg) and reach should be Wolf River from Shawano Dam downstream. These could really be

included with a site that includes all of the Lake Winnebago Listings (Winnebago (523, drop Hg), Lake Winneconne (524, drop Hg), Poygan (373), Buttes Des Morts (64 drop Hg), Wolf upstream to Shawano (540 and 617, drop Hg), Fond du Lac (143), Upper Fox to Princeton Dam, Neenah Slough (308)).

Document Title	Author Name	Comment
LAKE BUTTE DES MORTS 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

TMDL ID	64	TMDL Priority	Not Applicable
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Deletion		

Impaired Waters Notes: 03/16/2010 Fish Contaminant Data, No Specific Advisory for Hg. PCBs FCA (drop Hg) and reach should be Wolf River from Shawano Dam downstream. These could really be included with a site that includes all of the Lake Winnebago Listings (Winnebago (523, drop Hg), Lake Winneconne (524, drop Hg), Poygan (373), Buttes Des Morts (64 drop Hg), Wolf upstream to Shawano (540 and 617, drop Hg), Fond du Lac (143), Upper Fox to Princeton Dam, Neenah Slough (308)).

05/24/2017 Advisory is for Lake Winnebago including Lake Poygan, Lake Butte des Morts, and the Wolf River upstream to Shawano Dam. Includes Fond du Lac River Carp Larger than 20" Channel Catfish Larger than 17"
 New fish tissue data indicates that this waterbody no longer needs a specific fish consumption advice for PCBs. This water should have its PCB listing removed.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE Choose wisely - 2016: A health guide for eating fish in Wisconsin Summary of Proposed Changes to Fish Consumption Advice for 2016 Advisory	WDNR Candy Schrank	

TMDL ID	64	TMDL Priority	High
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Recreation
Impairment	Low DO, Eutrophication, Excess Algal Growth	Current Use:	Full Body Contact
TMDL Status	TMDL Development	Attainable Use:	Full Body Contact
		Designated Use:	Full Body Contact
		Listed For:	Fish and Aquatic Life
		Current Use:	Shallow Lowland
		Attainable Use:	FAL
		Designated Use:	WWFF

Impaired Waters Notes: 09/09/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceed 2016 WisCALM listing thresholds for the Recreation use, and chlorophyll data exceed REC thresholds.
 05/24/2017 This water was assessed during the 2018 listing cycle; total phosphorus and chlorophyll-a sample data clearly exceeded 2018 WisCALM listing criteria for the Recreation use and Fish and Aquatic Life use.

Document Title	Author Name	Comment
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	

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Comprehensive 2018 Lake/Impoundment Water Quality Assessments Water Evaluation Section

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Winnebago	Biologist	Beranek, Ashley E
Local Waterbody Name	Lake Winnebago	WBIC	131100
Water Type	LAKE	County(ies)	Calumet, Winnebago, Fond du Lac
Start Mile		Watershed(s)	UF01, UF02, UF03, WATE
End Mile		Trophic Status	Eutrophic
Size	131941.62	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	11/25/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 523		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Lake Winnebago was originally listed as impaired in 1998 for PCBs, total suspended solids, and mercury. 2010 Assessment Methodology resulted in eutrophication and "fair" assessment of lake. Public concern regarding poor lake aesthetics related to eutrophication that occur during the summer.		

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 and recreation uses. Chlorophyll exceeded recreation but not fish and aquatic life thresholds.

This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use, and chlorophyll data 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; total phosphorus sample data overwhelmingly exceed 2016 WisCALM listing thresholds for the Recreation use and exceeded Fish and Aquatic Life use, however, chlorophyll data only exceeds REC thresholds.

This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll-a sample data clearly exceeded 2018 WisCALM listing criteria for the Recreation use and Fish and Aquatic Life use. New fish tissue data indicates that this waterbody no longer needs a specific fish consumption advice for PCBs. This water should have its PCB listing removed.

TMDL ID	523	TMDL Priority	High
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids	Listed For:	Fish and Aquatic Life
Impairment	Turbidity	Current Use:	Shallow Lowland
TMDL Status	TMDL Development	Attainable Use:	FAL
		Designated Use:	WWFF

Impaired Waters Notes: 08/26/2011 Lake Winnebago was originally listed as impaired in 1998 for PCBs, total suspended solids, and mercury. 2010 Assessment Methodology resulted in eutrophication and "fair" assessment of lake. Public concern regarding poor lake aesthetics related to eutrophication that occur during the summer. 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 and recreation uses. Chlorophyll data from the period 2006-2010 were insufficient to assess per 2012 WisCALM. However, the previous assessments were carried forward, and the lake remains listed as impaired

Document Title	Author Name	Comment
Lake Winnebago 2008 Impaired Waters Data		Fish Consumption advisory documentation

Impaired Water Short Report

Date Report Run: 03/22/2018

Documentation

TSI GRAPH FOR LAKE WINNEBAGO - I18 DNR Reports

TMDL ID	523	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New data removes listing. Schrank: 540 and 617 Wolf River/Winnebago Listings. Remove Hg from Impairments, only PCBs FCA - reach should be Wolf River from Shawano Dam downstream. These could really be included with a site that includes all of the Lake Winnebago Listings (Winnebago (523, drop Hg), Lake Winneconne (524, drop Hg), Poygan (373), Buttes Des Morts (64 drop Hg), Wolf upstream to Shawano (540 and 617, drop Hg), Fond du Lac (143), Upper Fox to Princeton Dam, Neenah Slough (308)).
 New data was collected from 2 Sites (2005 downstream of Hwy 29 Bybass, 2005 above Shawano)

Document Title	Author Name	Comment
Lake Winnebago 2008 Impaired Waters Data Documentation		Query SWIMS for Available Data

TMDL ID	523	TMDL Priority	Not Applicable
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Deletion		

Impaired Waters Notes: 04/01/2008 New Data removes listing. 540 and 617 Wolf River/Winnebago Listings. Remove Hg from Impairments, only PCBs FCA and reach should be Wolf River from Shawano Dam downstream. These could really be included with a site that includes all of the Lake Winnebago Listings (Winnebago (523, drop Hg), Lake Winneconne (524, drop Hg), Poygan (373), Buttes Des Morts (64 drop Hg), Wolf upstream to Shawano (540 and 617, drop Hg), Fond du Lac (143), Upper Fox to Princeton Dam, Neenah Slough (308)). New data was collected from 2 Sites (2005 downstream of Hwy 29 Bybass, 2005 above Shawano)

- 08/26/2011 Lake Winnebago was originally listed as impaired in 1998 for PCBs, total suspended solids, and mercury. 2010 Assessment Methodology resulted in eutrophication and "fair" assessment of lake. Public concern regarding poor lake aesthetics related to eutrophication that occur during the summer. 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 and recreation uses. Chlorophyll data from the period 2006-2010 were insufficient to assess per 2012 WisCALM. However, the previous assessments were carried forward, and the lake remains listed as impaired
- 05/24/2017 New fish tissue data indicates that this waterbody no longer needs a specific fish consumption advice for PCBs. This water should have its PCB listing removed.

Document Title	Author Name	Comment
Lake Winnebago 131100 PCB Report	Beranek	
Choose wisely - 2016: A health guide for eating fish in Wisconsin	WDNR	
Lake Winnebago 2008 Impaired Waters Data		Query SWIMS for Available Data

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Documentation

Summary of Proposed Changes to Fish Consumption Advice for 2015 Advisory August 5 2015 Candy Schrank
 Summary of Proposed Changes to Fish Consumption Advice for 2016 Advisory Candy Schrank

TMDL ID	523	TMDL Priority	High
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Recreation
Impairment	Low DO, Eutrophication, Water Quality Use Restrictions, Excess Algal Growth	Current Use:	Full Body Contact
TMDL Status	TMDL Development	Attainable Use:	Full Body Contact
		Designated Use:	Full Body Contact
		Listed For:	Fish and Aquatic Life
		Current Use:	Shallow Lowland
		Attainable Use:	FAL
		Designated Use:	WWFF

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

10/12/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceed 2016 WisCALM listing thresholds for the Recreation use and exceeded Fish and Aquatic Life use, however, chlorophyll data only exceeds REC thresholds.

05/24/2017 This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll-a sample data clearly exceeded 2018 WisCALM listing criteria for the Recreation use and Fish and Aquatic Life use.

Document Title	Author Name	Comment
Lake Winnebago 131100 TP and Chla Package Reports 2012	Beranek	
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	
Comprehensive 2018 Lake/Impoundment Water Quality Assessments	Water Evaluation Section	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Castle Rock Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Castle Rock Flowage	WBIC	1345700
Water Type	IMPOUNDMENT	County(ies)	Adams, Juneau
Start Mile		Watershed(s)	CW01, CW02, CW06
End Mile		Trophic Status	Eutrophic
Size	12385.63	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/11/2016
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 534; TMDL scoping beginning in 2010.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	<p>Sampling of Castle Rock Lake has found high levels of 2,3,7,8-TCDD and 2,3,7,8-TCDF in the sediments. PCBs and mercury have also been detected at limited sampling sites. Currently, a fish consumption advisory exists on the flowage for dioxin. Eutrophication is also a concern in this lake due to elevated phosphorus levels.</p> <p>This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use and exceeded Fish and Aquatic Life use, however, chlorophyll data do not exceed REC or FAL thresholds.</p> <p>This water was assessed during the 2016 listing cycle; new fish tissue data indicates that this waterbody should be removed from the impaired waters list for Dioxins. Total phosphorus sample data overwhelmingly exceed 2016 WisCALM listing thresholds for the Recreation use and exceeded Fish and Aquatic Life use, however, chlorophyll data do not exceed REC or FAL thresholds.</p> <p>This water was assessed during the 2018 listing cycle; new total phosphorus sample data clearly exceed 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use.</p>		

TMDL ID	534	TMDL Priority	High
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication, Water Quality Use Restrictions	Current Use:	Class III Trout
TMDL Status	TMDL Development	Attainable Use:	WWSF
		Designated Use:	Default FAL
		Listed For:	Recreation
		Current Use:	Full Body Contact
		Attainable Use:	Full Body Contact
		Designated Use:	Full Body Contact

Impaired Waters Notes: 03/17/2011 Total nitrogen was removed from this water as this listing was in error. This should have been removed in 2008. Original listing may have been nutrients and when switching over N was accidentally chosen instead of TP as pollutant.

04/08/2010 Jim Kreitlow (NOR) documented dissolved oxygen standards violations while sampling the lake in the mid 1990s. Dissolved oxygen concentrations below 5 mg/l were generally found during the early morning hours, probably a result of algae respiration.

The cause of this impairment is likely a result of excessive nutrient loading (phosphorus) from point and nonpoint sources in the watershed. As a result, the flowage is very eutrophic with abundant algae growth.

The Petenwell and Castle Rock Flowages Comprehensive Management Plan was completed in 1996. This report indicates severe algal blooms cause periodic shifts in dissolved oxygen. During photosynthesis, dissolved oxygen values are high (11-12 mg/l) but during respiration, they can drop below 5.0 mg/l (STORET, 1992 was referenced). The report also indicates blue-green algae are the dominant phytoplankton in the Petenwell and Castle Rock Flowages. The report mentions that sediment sampling was completed in both flowages, but additional sampling was recommended. Previous sampling found high levels of 2,3,7,8-TCDD and 2,3,7,8-TCDF in the sediments. PCBs and mercury have also been detected at a limited number of sampling sites. Currently, a specific fish consumption advisory exists on the flowage for dioxin.

- 04/01/2008 Needs monitoring. Data documentation sheet did not include phosphorus so only total nitrogen was included from the 2002 data documentation sheet.
- 01/20/2014 This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use and exceeded Fish and Aquatic Life use, however, chlorophyll data do not exceed REC or FAL thresholds.
- 08/19/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceed 2016 WisCALM listing thresholds for the Recreation use and exceeded Fish and Aquatic Life use, however, chlorophyll data do not exceed REC or FAL thresholds.

Document Title	Author Name	Comment
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
CASTLE ROCK FLOWAGE IMPAIRED WATER LISTING DOCUMENTATION	Hazuga, Mark	April 2, 2002

TMDL ID	534	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 2008 303d list proposed delist for Mercury and PCB's only.

Document Title	Author Name	Comment
CASTLE ROCK FLOWAGE 2008 DATA DOCUMENTATION FOR IMPAIRED WATERS	Schrank, Candy	
CASTLE ROCK FLOWAGE IMPAIRED WATER LISTING DOCUMENTATION	Hazuga, Mark	2002

TMDL ID	534	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 12/19/2010 Castlerock Flowage has specific fish advice for the Wisconsin River from Petenwell Dam downstream to Castle Rock Dam (Castle Rock Flowage) for Carp All sizes for dioxin.

04/01/2002 Waterbody ID Code (WBIC): 1345700
County(ies): Adams, Juneau

Impaired Stream Reach (location and mileage):
 Entire Flowage (15 miles) \hat{c} River miles 159.7-174.8
 Dissolved oxygen, pH violations, FCA, Hg, PCB, Dioxin
 Cause of impairment -- Nutrients, contaminated sediment
 - Point and nonpoint sources

Jim Kreitlow (NOR) documented dissolved oxygen standards violations while sampling the lake in the mid 1990s. Dissolved oxygen concentrations below 5 mg/l were generally found during the early morning hours, probably a result of algae respiration. Values for pH above 9.0 were documented in 1994, 1995, 1996 and 1997 (9 of 107 samples).

The cause of this impairment is likely a result of excessive nutrient loading (phosphorus) from point and nonpoint sources in the watershed. As a result, the flowage is very eutrophic with abundant algae growth.

The Petenwell and Castle Rock Flowages Comprehensive Management Plan was completed in 1996. This report indicates severe algal blooms cause periodic shifts in dissolved oxygen. During photosynthesis, dissolved oxygen values are high (11-12 mg/l) but during respiration, they can drop below 5.0 mg/l (Storet, 1992 was referenced). The report also indicates blue-green algae are the dominant phytoplankton in the Petenwell and Castle Rock Flowages. The report also references sediment sampling has been completed in both flowages, however additional sampling is recommended. Previous sampling found high levels of 2,3,7,8-TCDD and 2,3,7,8-TCDF in the sediments. PCBs and mercury have also been detected at limited sampling sites. Currently, a fish consumption advisory exists on the flowage for PCBs, dioxin and mercury.

04/01/2008 2008 303d list proposed delist for Mercury and PCB's only.

Document Title	Author Name	Comment
CASTLE ROCK FLOWAGE 2008 DATA DOCUMENTATION FOR IMPAIRED WATERS WISCONSIN SPECIFIC ADVICE	Schrank, Candy	
CASTLE ROCK FLOWAGE IMPAIRED WATER LISTING DOCUMENTATION	Hazuga, Mark	2002

TMDL ID	534	TMDL Priority	Delisted 2016
Date Listed	04/01/1998	Confirmed?	
Pollutant	Dioxin		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 10/13/2010 Sampling has found high levels of 2,3,7,8-TCDD and 2,3,7,8-TCDF in the sediments. PCBs and mercury have also been detected at limited sampling sites. However there is no specific advice for PCBs and mercury but Castlerock Flowage has specific fish advice for the Wisconsin River from Petenwell Dam downstream to Castle Rock Dam (Castle Rock Flowage) for Carp for dioxin.

08/19/2015 This water was assessed during the 2016 listing cycle; new fish tissue data indicates that this waterbody should be removed from the impaired waters list for Dioxins.

Document Title	Author Name	Comment
Notes on Proposed Changes to Fish Consumption Advice for 2014 Advisory July 2014	Candy Schrank	
Choose wisely - 2014: A health guide for eating fish in Wisconsin	WDNR	

Impaired Water Short Report

Date Report Run: 03/22/2018

CASTLE ROCK FLOWAGE IMPAIRED WATER LISTING DOCUMENTATION
 CASTLE ROCK FLOWAGE 2008 DATA DOCUMENTATION FOR IMPAIRED WATERS

Hazuga, Mark April 2, 2002
 Schrank, Candy

Official Waterbody Name	Lake Alice	Biologist	SCHRACS
Local Waterbody Name	Lake Alice	WBIC	1555900
Water Type	IMPOUNDMENT	County(ies)	Lincoln
Start Mile		Watershed(s)	UW33,UW39
End Mile		Trophic Status	Eutrophic
Size	1438.32	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	10/04/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 529 and 527 (in part) Mercury removed, additional pollutant remains.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Lake Alice is on the 303(d) list for low dissolved oxygen levels caused by sediment oxygen demand. New fish data removes mercury specific advisory - general advisory still applies.		

TMDL ID	529	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New data for fish contaminants removes listing.

Document Title	Author Name	Comment
LAKE ALICE WISCONSIN RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

TMDL ID	529, 527	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	BOD, sediment load (Sediment Oxygen Demand)	Listed For:	Fish and Aquatic Life
Impairment	Low DO	Current Use:	Class III Trout
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes:

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Sea Lion Lake	Biologist	W23321
Local Waterbody Name	Sea Lion Lake	WBIC	672300
Water Type	LAKE	County(ies)	Florence
Start Mile		Watershed(s)	GB16
End Mile		Trophic Status	Mesotrophic
Size	114.3	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	07/07/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 420		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:			

TMDL ID	420	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New data removes listing. Fish contaminant data removes water from the list. Sites where data collected post 2000 -2007 and shows that general advice is sufficient.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE SEA LION LAKE 2008 IMPAIRED WATERS DATA DOCUMENTATION	Schrank, Candy	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Hallie, Lake Hallie 2	Biologist	Beranek, Ashley E
Local Waterbody Name	Hallie Lake	WBIC	2150200
Water Type	IMPOUNDMENT	County(ies)	Chippewa
Start Mile		Watershed(s)	LC18
End Mile		Trophic Status	Mesotrophic
Size	78.64	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	07/11/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 179		

Water Quality Trends Water is impaired due to one or more pollutants and associated quality impacts.
Comments: Lake Hallie has been on the 303d List since 1998. Lakes Natural Community Assessment resulted in a "good" value for fish and aquatic life generally although the lake is listed for eutrophication. The Lake has suffered from eutrophication and elevated pH levels due to excess phosphorus levels and the aquatic habitat is further impaired by total suspended solids.

This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data clearly met 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.

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.

TMDL ID	179	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids	Listed For:	Fish and Aquatic Life
Impairment	Degraded Habitat	Current Use:	Class III Trout
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 03/25/2002 From 1998 list: pH, Sedimentation. From 2001 Basin Report: Sedimentation, DO, Habitat, Algae, Macrophytes, Eutrophication from excess Nutrients due to Urban Runoff, Development, also Curly Leaf Pondweed. Monitoring: Monthly Monitoring 1991 and 2001; 1 pH violation out of 10 summer samples. Dissolved Oxygen Problem was a winter DO problem, aeration installed. May want to consider listing due to loss of spring flow (due to development) contributing to loss of two-story fishery.

Document Title	Author Name	Comment
LAKE HALLIE IMPAIRED WATERS LISTING DOCUMENTATION	Oldenburg, Pat	Query SWIMS for Available Data

TMDL ID	179
Date Listed	04/01/1998
Pollutant	Mercury
Impairment	Contaminated Fish Tissue

Impaired Water Short Report

Date Report Run: 03/22/2018

TMDL Priority Delisted 2008
Confirmed?

TMDL Status Pollutant Removed

Impaired Waters Notes:

Document Title	Author Name	Comment
LAKE HALLIE IMPAIRED WATERS LISTING DOCUMENTATION	Oldenburg, Pat	Query SWIMS for Available Data
LAKE HALLIE 2008 UPDATE	Mark Hazuga	2008 303d Update

TMDL ID	179	TMDL Priority	Delisted 2014
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication, Elevated pH	Current Use:	Class III Trout
TMDL Status	Pollutant Removed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 10/15/2010 From 1998 list: pH, Sedimentation. From 2001 Basin Report: Sedimentation, DO, Habitat, Algae, Macrophytes, Eutrophication from excess Nutrients due to Urban Runoff, Development, also Curly Leaf Pondweed. Monitoring: Monthly Monitoring 1991 and 2001; 1 pH violation out of 10 summer samples. Dissolved Oxygen Problem was a winter DO problem, aeration installed. May want to consider listing due to loss of spring flow (due to development) contributing to loss of two-story fishery.

01/13/2014 This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data clearly met 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.

Document Title	Author Name	Comment
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
LAKE HALLIE IMPAIRED WATERS LISTING DOCUMENTATION	Oldenburg, Pat	
LAKE HALLIE 2008 UPDATE	Mark Hazuga	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Little Hay Creek	Biologist	W23321
Local Waterbody Name	Little Hay Creek	WBIC	2151400
Water Type	RIVER	County(ies)	Chippewa
Start Mile	0	Watershed(s)	LC18
End Mile	2.14	Trophic Status	TSI Not Applicable to Non-Lake
Size	2.14	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 239; WATER DELISTED 2008 This AU: Mouth to first trib above Fairview Rd. Updated in 2013 to class I trout water.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Little Hay Creek was identified on the 303d list in 1998 as not supporting an existing use of warm water forage fish. Impairments to the stream were identified as degraded habitat, dissolved oxygen and temperature. Fish surveys completed at three stations in 2005 found multiple year classes of trout including young of the year. Habitat conditions and dissolved oxygen and temperature concentrations must be adequate for the stream to support a Coldwater A fishery with multiple year classes of reproducing brook trout. Little Hay Creek has never been formally classified as a trout stream; however, it should be codified as a Coldwater A fishery in the future. Continuous dissolved oxygen monitoring completed in the early 1990s found concentrations below the water quality standard of 5 mg/L. Follow-up monitoring in 2004 and 2005 indicate concentrations remained above 5 mg/L. This water was removed from the impaired waters list in 2008.		

TMDL ID	239	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Low DO, Elevated Water Temperature		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Current data show attainable use is being fully met. No known changes in the watershed.

Document Title	Author Name	Comment
LITTLE HAY CREEK IMPAIRED WATERS LISTING DOCUMENTATION	Oldenburg, Pat	Query SWIMS for Available Data
LITTLE HAY CREEK 2008 IMPAIRED WATERS DE-LISTING DATA DOCUMENTATION		Query SWIMS for Available Data

TMDL ID	239	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus		
Impairment	Low DO		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Current data show attainable use is being fully met. No known changes in the watershed.
09/20/2007 Little Hay Creek was identified on the 303d list as not supporting an existing use of

warm water forage fish. Impairments to the stream were identified as degraded habitat, dissolved oxygen and temperature. Fish surveys completed at three stations in 2005 found multiple year classes of trout including young of the year. Habitat conditions and dissolved oxygen and temperature concentrations must be adequate for the stream to support a Coldwater A fishery with multiple year classes of reproducing brook trout. Little Hay Creek has never been formally classified as a trout stream; however, it should be codified as a Coldwater A fishery in the future. Continuous dissolved oxygen monitoring completed in the early 1990s found concentrations below the water quality standard of 5 mg/L. Follow-up monitoring in 2004 and 2005 indicate concentrations remained above 5 mg/L.

Document Title	Author Name	Comment
LITTLE HAY CREEK IMPAIRED WATERS LISTING DOCUMENTATION	Oldenburg, Pat	Query SWIMS for Available Data
LITTLE HAY CREEK 2008 IMPAIRED WATERS DE-LISTING DATA DOCUMENTATION		Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Wissota	Biologist	W23321
Local Waterbody Name	Wissota Lake	WBIC	2152800
Water Type	IMPOUNDMENT	County(ies)	Chippewa
Start Mile		Watershed(s)	LC18,LC19,LC21
End Mile		Trophic Status	Eutrophic
Size	4070.6	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	10/17/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 80 (in part)		

Water Quality Trends Water is impaired due to one or more pollutants and associated quality impacts.
Comments: This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use. Total phosphorus and chlorophyll data do not exceed Fish and Aquatic Life thresholds. The entire lake is considered eutrophic, but only little lake wissota and moon bay are listed for eutrophication and pH. The lake proper is listed for fish consumption specific advice: PCBs.

TMDL ID	2014-276	TMDL Priority	Low
Date Listed	04/01/2014	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Recreation
Impairment	Excess Algal Growth	Current Use:	Full Body Contact
TMDL Status	303d Listed	Attainable Use:	Full Body Contact
		Designated Use:	Full Body Contact

Impaired Waters Notes: 01/13/2014 This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use. Total phosphorus and chlorophyll data do not exceed Fish and Aquatic Life thresholds.

Document Title	Author Name	Comment
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	

TMDL ID	80	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 Hg/Mercury removed from Lake Wissota due to data showing no specific fish consumption advisory for mercury under the current fish advice methodology.

Document Title	Author Name	Comment
Moon Bay and Little Lake Wissota 2152800 Impaired Waters Listing Documentation 2002	Oldenburg, Pat	Query SWIMS for Available Data

TMDL ID	80
Date Listed	04/01/1998
Pollutant	PCBs
Impairment	Contaminated Fish Tissue
TMDL Status	303d Listed

TMDL Priority	Low
Confirmed?	Yes
Listed For:	Fish Consumption
Current Use:	Specific Advice
Attainable Use:	Fish Consumption
Designated Use:	Fish Consumption

Impaired Waters Notes:

Document Title	Author Name	Comment
Moon Bay and Little Lake Wissota 2152800 Impaired Waters Listing Documentation 2002	Oldenburg, Pat	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Tainter Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Tainter Lake	WBIC	2068000
Water Type	IMPOUNDMENT	County(ies)	Dunn
Start Mile		Watershed(s)	LC04,LC07
End Mile		Trophic Status	Hypereutrophic
Size	1387.21	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	09/22/2017
303d Listed?	Y		
DNR Category	Category 4A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 483		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	This water was originally listed in 1998 due to a eutrophication and elevated pH impairments of the fish and aquatic life use caused by excess total phosphorus.		

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 and recreation uses. Based on the 2012 assessment, a recreation use impairment (excess algal growth) caused by total phosphorus was added to this listing. A TMDL for total phosphorus was approved by EPA in 2012.

This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use and chlorophyll data exceeded REC and FAL thresholds.

This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceeded 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, and chlorophyll data overwhelmingly exceeded FAL thresholds and exceeded REC thresholds.

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

TMDL ID	483	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New Data. Delist for Hg and FCA, new fish contaminant data.

Document Title	Author Name	Comment
Tainter Lake 2068000 Impaired Waters Listing Documentation 2002	Oldenburg, Pat	Query SWIMS for Available Data
TANTIER LAKE 2008 IMPAIRED WATERS DATA DOCUMENTATION	Schrank, Candy	Query SWIMS for Available Data

TMDL ID	483
Date Listed	04/01/1998
Pollutant	Total Phosphorus
Impairment	Eutrophication, Excess Algal Growth, Elevated pH
TMDL Status	TMDL Approved

TMDL Priority	Not Applicable
Confirmed?	
Listed For:	Recreation
Current Use:	Full Body Contact
Attainable Use:	Full Body Contact
Designated Use:	Full Body Contact
Listed For:	Fish and Aquatic Life
Current Use:	Class III Trout
Attainable Use:	WWSF
Designated Use:	Default FAL

- Impaired Waters Notes:**
- 07/10/2017 This water was assessed during the 2018 listing cycle; new total phosphorus and chlorophyll sample data exceeded 2018 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.
 - 02/01/2008 Cedar Corp monitored the lake in 2003. The Department is monitoring Tainter Lake as trend lake. SWIMS ID numbers include 173214, 173215 and 173216. The most recent Department trend data is found at the site with the SWIMs ID of 173215.

Blue Green sampling was completed in 2004 on Tainter Lake. SWIMs ID number = 173214. Monitoring found very high chlorophyll a numbers and detectable concentrations of toxins in water.
 - 06/14/2011 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 and recreation uses. Based on the 2012 assessment, a recreation use impairment (excess algal growth) caused by total phosphorus was added to this listing.
 - 02/28/2014 This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use and chlorophyll data exceeded REC and FAL thresholds.
 - 10/09/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceeded 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, and chlorophyll data overwhelmingly exceeded FAL thresholds and exceeded REC thresholds.

Document Title	Author Name	Comment
Tainter and Menomin Lakes Total Phosphorus TMDL	WDNR	
Tainter Lake 2068000 TP Package Rpt 2012	Aaron Larson	
Tainter Lake 2068000 Impaired Waters Listing Documentation 2008	Mark Hazuga	2008 303d Update
Tainter and Menomin Lakes TMDL EPA Decision Document	USEPA	
Tainter Lakes Menomin Lakes TMDL Pamphlet Comprehensive 2014 TP Lakes Assessment	UWEX, DNR Water Evaluation Section	
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	
Comprehensive 2018 Lake/Impoundment Water Quality Assessments	Water Evaluation Section	
Tainter Lake 2068000 Chla Package Rpt 2012	Aaron Larson	
Tainter Lake 2068000 Impaired Waters Listing Documentation 2002	Oldenburg, Pat	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Menominee River	Biologist	W23321
Local Waterbody Name	Menominee River Above Pier's George	WBIC	609000
Water Type	RIVER	County(ies)	Marinette
Start Mile	88.32	Watershed(s)	GB15
End Mile	95.54	Trophic Status	TSI Not Applicable to Non-Lake
Size	7.22	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/22/1992
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID =283 DELISTED 2008 This AU: Top of Piers Gorge near Niagara to Marinette-Florence county line.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Specific fish advisories no longer in effect on water.		

TMDL ID	283	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New Fish Data. Delete Mercury Listing due to new fish contaminant data. Overlaps with TMDL ID 283. No advisory exists above Pier's Gorge. This is a correction.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

TMDL ID	283	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. No advisory exists above Pier's Gorge. This is a correction.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Menominee River	Biologist	W23321
Local Waterbody Name	Menominee River	WBIC	609000
Water Type	RIVER	County(ies)	Marinette
Start Mile	43.21	Watershed(s)	GB13,GB14,GB15
End Mile	87.8	Trophic Status	TSI Not Applicable to Non-Lake
Size	44.59	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	05/10/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 672 This AU: Wausaukee River to the top of Piers Gorge Road near Niagara.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Menominee River has been on the 303d List since 1998 for PCBs.		

TMDL ID	672	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption
Impaired Waters Notes:	04/01/2008 672, 283 is the previous TMDL ID. The 2008 action removes mercury (correction) and maintains PCBs due to a specific advisory.		

TMDL ID	672	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption
Impaired Waters Notes:	04/01/2008 672, 283 was the previous TMDL ID.		

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Menominee River	Biologist	Beranek, Ashley E
Local Waterbody Name	Menominee River	WBIC	609000
Water Type	RIVER	County(ies)	Marinette
Start Mile	3.45	Watershed(s)	GB13
End Mile	43.02	Trophic Status	TSI Not Applicable to Non-Lake
Size	39.57	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	03/13/2018
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 672 This AU: Upper Scott Dam to Wausaukee River (near Pier's Gorge)		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Mercury delisting is based on new fish contaminant data. On 303d List since 1998.		

This water was assessed during the 2018 listing cycle; new total phosphorus, biological (macroinvertebrate and fish Index of Biotic Integrity (IBI) scores), and chloride sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.

TMDL ID	672	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 Correction. 672, 283 is the previous TMDL ID. The 2008 action removes mercury (correction) and maintains PCBs due to a specific advisory.

TMDL ID	672	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	No
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 672, 283 is the previous TMDL ID. The 2008 action removes mercury (correction) and maintains PCBs due to a specific advisory.

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Unnamed	Biologist	W23321
Local Waterbody Name	Unnamed Creek 16-10	WBIC	2447250
Water Type	RIVER	County(ies)	Pierce
Start Mile	0	Watershed(s)	LC23
End Mile	.98	Trophic Status	TSI Not Applicable to Non-Lake
Size	.98	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 644 This AU: Mouth to 570th Ave. Stream has intermittent flow and can not support a fishery - was listed in error in 1996.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Stream has intermittent flow and can not support a fishery - was listed in error in 1996.		

TMDL ID	644	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Elevated Water Temperature		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. Stream can not support a fishery. Should not have been listed.

Document Title	Author Name	Comment
UNNAMED CREEK 16-10 2008 IMPAIRED WATERS DATA DOCUMENTATION	Heldstab, Holly	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Unnamed	Biologist	W23321
Local Waterbody Name	Creek 16-2	WBIC	2447270
Water Type	RIVER	County(ies)	Pierce
Start Mile	0	Watershed(s)	LC23
End Mile	.69	Trophic Status	TSI Not Applicable to Non-Lake
Size	.69	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 645 This AU: Mouth to CTH J. Hard to tell if this is a perennial stream -- it appears to have been diverted.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:			

TMDL ID	645	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Elevated Water Temperature		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. Stream appears to have been diverted. Stream can not support a fishery. Should not have been listed.

Document Title	Author Name	Comment
UNNAMED CREEK 16-2 2008 IMPAIRED WATERS DATA DOCUMENTATION	Heldstab, Holly	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Peppermill Creek	Biologist	W23321
Local Waterbody Name	Peppermill Creek	WBIC	178400
Water Type	RIVER	County(ies)	Adams
Start Mile	0	Watershed(s)	UF14
End Mile	1.71	Trophic Status	TSI Not Applicable to Non-Lake
Size	1.71	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 336, entire stream, Neenah Creek to Peppermill Lake. DELISTING 2008		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Should never have been listed. However a 2007 Fish Survey indicated no documentation could not be found in the database. Historical records show three 1960 surveys from Nancy Nate but no records for species assemblages were found. More documentation is needed.		

TMDL ID	336	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Elevated Water Temperature		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. This stream is meeting its attainable use and should not have been listed in 1998.

03/07/2012 Mike Sorge (SOR) stated that the stream has some historical pasturing and streambank erosion problems and receives agricultural runoff (March 2002 email). The narrative in the Upper Fox Basin plan indicates Peppermill Creek was declassified as trout water years ago because of numerous small impoundments that have increased water temperatures above the optimum trout range. The Priority Watershed plan recommends removing the impoundments to improve water temperatures and to minimize the effects of nonpoint source pollution.

The Upper Fox River Basin Plan identifies the potential use of Peppermill Creek as COLD and existing use as WWFF. A fish survey in 2007 captured salmonid species, with other salmonids observed upstream. Hydraulic modification (HM) is listed as a source of a problem and Temperature and Migration as impacts. These factors are NOT controllable in this stream segment. There are two authorized dams on this two mile reach which are operational and function properly. There is one instance of a road culvert on 1st lane that is currently plugged via boulders. This can be easily removed, which will restore flow in the reach and remove the unauthorized HM. This stream is currently meeting its potential use and should not be included on the 303d list. A fish IBI survey was completed downstream of 1st Lane and macroinvertebrates will be sampled this fall. Due to the fact that salmonids were found and that the HM is authorized, the stream is currently meeting its potential use.

The watershed table also lists NPS as a problem. Currently the watershed land use is comprised chiefly of forests and grassland. Agriculture has decreased over time to only to be 20% (478.4 acres out of the 2350.4 total land area) of the total current land use. There were no obvious NPS issues observed thus it is unlikely NPS is a significant problem. Habitat and sedimentation is listed as an impact associated

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with NPS. There has been trout habitat restoration completed downstream of 1st lane, and other habitat is affected by the presence of dams, which as described earlier, are uncontrollable.

Document Title	Author Name	Comment
PEPPERMILL CREEK SEGMENT 2 2008 IMPAIRED WATERS DATA DOCUMENTATION	Provost, Scott	Query SWIMS for Available Data
PEPPERMILL CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION	Provost, Scott	Query SWIMS for Available Data
PEPPERMILL CREEK 2002 IMPAIRED WATERS LISTING DOCUMENTATION	Hazuga, Mark	Query SWIMS for Available Data

Official Waterbody Name	Jackson Park Pond	Biologist	W23321
Local Waterbody Name	Jackson Park Pond	WBIC	15800
Water Type	LAKE	County(ies)	Milwaukee
Start Mile		Watershed(s)	MI01
End Mile		Trophic Status	Data Not Available
Size	7.36	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	07/30/2013
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	DELISTED 2008		
Water Quality Trends	Condition data absent from databases and files.		
Comments:	Jackson Park Pond was listed for PCB contaminated fish tissues in 1998. In 2008 this water was removed from the impaired waters list because new fish tissue data indicated that the general statewide advice is applicable.		

TMDL ID	202	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New fish data. This site has been removed from the special PCB advisory list and general statewide advice only is applicable.

Document Title	Author Name	Comment
Jackson Park Pond 2008 Data Documentation Impaired Waters WISCONSIN SPECIFIC ADVICE	Aho, Matthew, Burzynski, Marsha	Query SWIMS for Available Data

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Official Waterbody Name	Lake Mohawksin	Biologist	SCHRACS
Local Waterbody Name	Lake Mohawksin	WBIC	1515400
Water Type	IMPOUNDMENT	County(ies)	Lincoln
Start Mile		Watershed(s)	UW33,UW35,UW39
End Mile		Trophic Status	Eutrophic
Size	1508.34	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	08/21/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 531 and 527 (in part)		

Water Quality Trends Water is impaired due to one or more pollutants and associated quality impacts.

Comments: This water was assessed during the 2012 listing cycle, and total phosphorus sample data do not exceed 2012 WisCALM listing criteria for the recreation use; however, chlorophyll a levels exceed recreation use listing thresholds. Additional monitoring is recommended to identify the pollutant causing excess algal growth.

This water was assessed during the 2014 listing cycle; total phosphorus sample data clearly met 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use. This waterbody was determined to be an Impounded Flowing Water so the river TP criteria apply.

This water was assessed during the 2018 listing cycle; new total phosphorus sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use. For the Fish Consumption use new fish tissue analysis showed no need for specific fish consumption advisories for this lake.

TMDL ID	531, 527	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 07/24/2017 This water was assessed during the 2018 listing cycle; new fish tissue analysis showed no need for specific fish consumption advisories for this lake.

04/01/2008 New fish data removes listing.

Document Title	Author Name	Comment
SAWDYS POND - LAKE MOHAWSKIN 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data
Choose wisely - 2016: A health guide for eating fish in Wisconsin	WDNR	
Summary of Proposed Changes to Fish Consumption Advice for 2016 Advisory	Candy Schrank	

TMDL ID	531, 527	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	Yes
Pollutant	BOD, sediment load (Sediment Oxygen Demand)	Listed For:	Fish and Aquatic Life
Impairment	Low DO	Current Use:	Impounded Flowing Water
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes:

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Official Waterbody Name	Lake Monona	Biologist	Beranek, Ashley E
Local Waterbody Name	Monona Lake	WBIC	804600
Water Type	LAKE	County(ies)	Dane
Start Mile		Watershed(s)	LR08
End Mile		Trophic Status	Eutrophic
Size	3359	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	01/24/2018
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 299		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Lake Monona was originally listed as impaired in 1998. This water is currently listed due to PCBs in lake bottom sediment. There is a specific fish consumption guideline for PCBs in fish tissue for this lake. The lake has zebra mussels, eurasian watermilfoil, and curly leaf pondweed. The TMDL was Approved in 2011.		

This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use and chlorophyll data exceeded REC and FAL thresholds.

This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceeded 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, and chlorophyll data overwhelmingly exceeded FAL thresholds and exceeded REC thresholds.

This water was assessed during the 2018 listing cycle; new total phosphorus sample data overwhelmingly exceed 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use, and chlorophyll data also exceeded REC and FAL thresholds.

TMDL ID	299	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs	Listed For:	Fish and Aquatic Life
Impairment	Contaminated Fish Tissue, Contaminated Sediment	Current Use:	Two-Story
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	FAL Warmwater
		Listed For:	Fish Consumption
		Current Use:	Specific Advice
		Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 10/26/2010 Lake Monona ¿ Remove Hg from list of pollutants. Special advice only for PCBs. 2002 Data.

Document Title	Author Name	Comment
LAKE MONONA 2008 IMPAIRED WATERS DATA DOCUMENTATION		Query SWIMS for Available Data

TMDL ID	299	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

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Impaired Waters Notes: 04/01/2008 New monitoring data. New data indicates no specific advisory should exist.

Document Title	Author Name	Comment
LAKE MONONA 2008 IMPAIRED WATERS DATA DOCUMENTATION		Query SWIMS for Available Data

TMDL ID	2012-2028	TMDL Priority	Not Applicable
Date Listed	04/01/2012	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication, Excess Algal Growth	Current Use:	Two-Story
TMDL Status	TMDL Approved	Attainable Use:	WWSF
		Designated Use:	FAL Warmwater
		Listed For:	Recreation
		Current Use:	Full Body Contact
		Attainable Use:	Full Body Contact
		Designated Use:	Full Body Contact

Impaired Waters Notes: 02/28/2014 This water was assessed during the 2014 listing cycle; total phosphorus sample data overwhelmingly exceed 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use and chlorophyll data exceeded REC and FAL thresholds.

10/09/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceeded 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, and chlorophyll data overwhelmingly exceeded FAL thresholds and exceeded REC thresholds.

Document Title	Author Name	Comment
2012 303(d) Data Summary and Draft Recommendations for Yahara Chain of Lakes	WDNR	
2012 303(d) Listing Justifications for Yahara Chain of Lakes	WDNR	
Rock River Basin TP TSS TMDL	WDNR	
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
USEPA Decision Document for the Approval of the Rock River Basin TMDL	USEPA	
Lake Monona 804600 Chla Pkg Rpt 2012	Aaron Larson	
Lake Monona 804600 TP Pkg Rpt 2012	Aaron Larson	
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	

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Official Waterbody Name	Big Eau Pleine Reservoir	Biologist	Beranek, Ashley E
Local Waterbody Name	Big Eau Pleine Flowage	WBIC	1427400
Water Type	IMPOUNDMENT	County(ies)	Marathon
Start Mile		Watershed(s)	CW17
End Mile		Trophic Status	Hypereutrophic
Size	4909.16	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/30/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID: 37. Water delisted 2006 for Hg. Hg removed for specific advisory, general adv. applies; still listed for phos/DO		

Water Quality Trends Water is impaired due to one or more pollutants and associated quality impacts.

Comments: According to the Priority Watershed Project Plan (October, 1993), the low winter oxygen levels experienced by the Big Eau Pleine flowage are a result of oxygen consumption by decaying organic matter that enters the reservoir from tributaries and internally by algae. The excessive algae growth is supported by high concentrations of nutrients delivered from the watershed and nutrients are also recycled internally from sediment re-suspension. The report also indicates fecal coliform bacteria problems occur at the Eau Pleine Park Beach. Fecal Coliform Bacteria counts have exceeded 400 colonies per 100 ml according to the watershed plan. In 2006, the resevoir was delisted for mercury contamination.

This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.

This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceeded 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, and chlorophyll data overwhelmingly exceeded FAL thresholds and exceeded REC thresholds.

This water was assessed during the 2018 listing cycle; new total phosphorus sample data overwhelmingly exceed 2018 WisCALM listing thresholds for the Recreation use and the Fish and Aquatic Life use, and chlorophyll data also exceeded REC and FAL thresholds.

TMDL ID	37	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish and Aquatic Life
Impairment	Contaminated Fish Tissue	Current Use:	Class III Trout
TMDL Status	Pollutant Removed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 04/01/2008 New data removes Mercury specific advisory. General advisory applies. Still listed for high phosorus levels and low levels of dissolved oxygen.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE Big Eau Pleine Reservoir 1427400 Impaired Water Listing Documentation 2002	Hazuga, Mark	Query SWIMS for Available Data

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TMDL ID	37
Date Listed	04/01/1998
Pollutant	Total Phosphorus
Impairment	Low DO, Eutrophication, Excess Algal Growth
TMDL Status	TMDL Development

TMDL Priority	High
Confirmed?	
Listed For:	Fish and Aquatic Life
Current Use:	Class III Trout
Attainable Use:	WWSF
Designated Use:	Default FAL
Listed For:	Recreation
Current Use:	Full Body Contact
Attainable Use:	Full Body Contact
Designated Use:	Full Body Contact

Impaired Waters Notes: 04/04/2002 WVIC has been collecting winter reservoir dissolved oxygen profiles for the past several years. The data has been submitted to Al Hauber from 1970s to present. The data shows the reservoir experiences low dissolved oxygen levels during the winter months (below 5 mg/l). This occurs when organic matter and sediment are re-suspended during winter drawdown, which consumes oxygen under the ice. This zig zag zone of low oxygen water then travels downstream. WVIC has installed aerators in attempts to add dissolved oxygen to the zag zone. According to Al Hauber (WCR), there has not been a fish kill since 1990.

According to the Priority Water shed Project Plan (October, 1993), the low winter oxygen levels are a result of oxygen consumption by decaying organic matter that enters the reservoir from tributaries and internally by algae. The excessive algae growth is supported by high concentrations of nutrients delivered from the watershed and nutrients are also recycled internally from sediment re-suspension. The report also indicates fecal coliform bacteria problems occur at the Eau Pleine Park Beach. Fecal Coliform Bacteria counts have exceeded 400 colonies per 100 ml according to the watershed plan.

- 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.
- 01/20/2014 This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use.
- 10/09/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data overwhelmingly exceeded 2016 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, and chlorophyll data overwhelmingly exceeded FAL thresholds and exceeded REC thresholds.

Document Title	Author Name	Comment
Big Eau Pleine IW Documentation 1427200_10030620_TP_2000_2011	Emerson, Jordan	
Big Eau Pleine IW Documentation 1427200_10030620_DO_2000_2011	Emerson, Jordan	
Comprehensive 2014 TP Lakes Assessment	Water Evaluation Section	
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	
BIG EAU PLEINE RESERVOIR AND RIVER IMPAIRED WATERS LISTING DOCUMENTATION MAP Mile 0-17	Hazuga, Mark	Query SWIMS for Available Data
Big Eau Pleine Reservoir 1427400 Chla Package Rpt 2012	Aaron Larson	
Big Eau Pleine Reservoir 1427400 TP Package Rpt 2012	Aaron Larson	

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Big Eau Pleine Reservoir 1427400 Impaired
Water Listing Documentation 2002

Hazuga, Mark

Query SWIMS for Available Data

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Official Waterbody Name	Rock River	Biologist	Beranek, Ashley E
Local Waterbody Name	Rock River	WBIC	788800
Water Type	RIVER	County(ies)	Rock
Start Mile	171.08	Watershed(s)	LR02,LR03
End Mile	183.45	Trophic Status	TSI Not Applicable to Non-Lake
Size	12.37	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	03/15/2018
303d Listed?	Y		
DNR Category	Category 4A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 401 and part of 624 This AU: State line to Janesville WWTP.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	This segment of the Rock River was originally listed as impaired in 1998 for total phosphorus and total suspended solids. A TMDL is being developed.		

This water was assessed during the 2012 listing cycle, and total phosphorus data exceed 2012 WisCALM listing criteria for the fish and aquatic life use.

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 and biological impairment was observed (i.e. at least one macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the poor condition category).

This water was assessed during the 2016 listing cycle; total phosphorus sample data exceeded 2016 WisCALM listing criteria for the Fish and Aquatic Life use and biological impairment was observed (i.e. at least one macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the poor condition category).

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. New chloride sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.

TMDL ID	401	TMDL Priority	Not Applicable
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Low DO	Current Use:	WWSF
TMDL Status	TMDL Approved	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 12/01/2006 There are many lakes, rivers or streams in the Rock River Basin that are included on the 303(d) List. This effort is focused on those waters that are impaired by either excessive sediment, high phosphorus concentrations, or both sediment and phosphorus (see Table 1). These pollutants cause impacts to waterways which include low dissolved oxygen concentrations, degraded habitat, and excessive turbidity. All of these problems result in harm to fish and aquatic life, water quality, recreation and even navigation. Everyone who lives or recreates in the Rock River basin will benefit from the improved water quality that will result from reduced sediment and phosphorus.

05/08/2012 The Rock River (788800, miles 171.1-304.9) is a part of the Rock River Basin and is listed as impaired for sediment/total suspended solids and total phosphorus. The Rock River Basin TMDLs for phosphorus and sediment were approved by the USEPA

- September 28, 2011.
- 04/01/2014 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, no biological data (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scores) were available to assess biological impairment.
 - 04/18/2017 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	
Rock River Basin TP TSS TMDL	WDNR	
Comprehensive 2016 Rivers Stream Assessments	Water Evaluation Section	
Rock River Basin TMDL Fact Sheet	Lehmann, Liesa	
USEPA Decision Document for the Approval of the Rock River Basin TMDL	USEPA	
Comprehensive 2018 River/Stream Water Quality Assessments	Water Evaluation Section	

TMDL ID	401	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New data removes listing. 399, 400, 401 Rock River Listings-FCA Impairment for PCBs pollutant should be removed. We have new data for Sites (2001/2002 Janesville to Afton, 2002 Indianford to Janesville, and 2003 Lake Koshkonong).

Document Title	Author Name	Comment
ROCK RIVER TMDL ID 401 DATA DOCUMENTATION 2008	Schrank, Candy	Query SWIMS for Available Data

TMDL ID	401	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 Delisted in 2006 but not documented until 2008

Document Title	Author Name	Comment
ROCK RIVER TMDL ID 401 DATA DOCUMENTATION 2008	Schrank, Candy	Query SWIMS for Available Data

TMDL ID	401
Date Listed	04/01/1998
Pollutant	Sediment/Total Suspended Solids

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Impairment	Degraded Habitat	TMDL Priority	Not Applicable
TMDL Status	TMDL Approved	Confirmed?	
		Listed For:	Fish and Aquatic Life
		Current Use:	WWSF
		Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 12/01/2006 There are many lakes, rivers or streams in the Rock River Basin that are included on the 303(d) List. This effort is focused on those waters that are impaired by either excessive sediment, high phosphorus concentrations, or both sediment and phosphorus (see Table 1). These pollutants cause impacts to waterways which include low dissolved oxygen concentrations, degraded habitat, and excessive turbidity. All of these problems result in harm to fish and aquatic life, water quality, recreation and even navigation. Everyone who lives or recreates in the Rock River basin will benefit from the improved water quality that will result from reduced sediment and phosphorus

05/08/2012 The Rock River (788800, miles 171.1-304.9) is a part of the Rock River Basin and is listed as impaired for sediment/total suspended solids and total phosphorus. The Rock River Basin TMDLs for phosphorus and sediment were approved by the USEPA September 28, 2011.

Document Title	Author Name	Comment
Rock River Basin TP TSS TMDL	WDNR	
Rock River Basin TMDL Fact Sheet	Lehmann, Liesa	
USEPA Decision Document for the Approval of the Rock River Basin TMDL	USEPA	

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Official Waterbody Name	South Branch Trempealeau River	Biologist	Beranek, Ashley E
Local Waterbody Name	S. Branch Trempealeau R.	WBIC	1806900
Water Type	RIVER	County(ies)	Jackson
Start Mile	0	Watershed(s)	BT05
End Mile	8.7	Trophic Status	TSI Not Applicable to Non-Lake
Size	8.7	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 648 Trout Extent entire stream Waterbody meets its designated use as a cold water fishery and should never have been listed.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	On 303d list. Stream should not have been listed. Technical Correction. Also on 1980 trout streams list (class 2). This water was assessed during the 2018 listing cycle; new biological (fish Index of Biotic Integrity (IBI) scores) sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.		

TMDL ID	648	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Elevated Water Temperature		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. TMDL ID = 648 Trout Extent entire stream Waterbody meets its designated use as a cold water fishery and should never have been listed.

Document Title	Author Name	Comment
SOUTH BRANCH TREMPÉALEAU 2008 IMPAIRED WATERS DATA DOCUMENTATION	Hazuga, Mark	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	French Creek	Biologist	W23321
Local Waterbody Name	French Creek	WBIC	1802900
Water Type	RIVER	County(ies)	Jackson
Start Mile	0	Watershed(s)	BT05
End Mile	4	Trophic Status	TSI Not Applicable to Non-Lake
Size	4	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 159 This AU: Mouth to Mile 4 (at French Creek Rd.) French Creek is not a WWSF but Class II and III trout stream (1980 Trout Book). 2002 data indicates the stream is supporting a Coldwater A community found in a Class I trout stream		
Water Quality Trends	Condition has improved over time; water is not impaired.		
Comments:	French Creek is on the 1980 trout streams list (Class III) and 2002 trout streams list (Class I).		

TMDL ID	159	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Elevated Water Temperature		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. French Creek in Jackson County is identified on the 303d list as having an existing use of warm water forage fish, a potential use of Cold III and a codified use of warm water sport fish. Identified impairments to the stream included degraded habitat and temperature. According to the 1980 Blue Trout Stream Book, French Creek is codified as a Class II and Class III trout stream.

In the 2002 trout stream book, the classification of French Creek was changed to Class I for the entire length indicating a better fishery exists in the stream than what was codified in 1980. Fishery data collected in 2002 indicate multiple year classes of trout including young of the year were found in French Creek which supports the Class I attainable use. Habitat conditions and water temperatures must be adequate to support a cold water fishery with reproducing brook trout. This stream should not have been placed on the 303d list.

Document Title	Author Name	Comment
FRENCH CREEK 2008 DATA DOCUMENTATION IMPAIRED WATERS	Hazuga, Mark	Query SWIMS for Available Data

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Date Report Run: 03/22/2018

Official Waterbody Name	Roberts Lake	Biologist	SCHRACS
Local Waterbody Name	Roberts Lake	WBIC	378400
Water Type	LAKE	County(ies)	Forest
Start Mile		Watershed(s)	WR19
End Mile		Trophic Status	Oligotrophic
Size	435.06	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/29/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 389 - Delisted. Site where fish contaminant data collected post 2000 -2007 and shows that general advice is sufficient.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Was 303(d) listed due to mercury. Site where fish contaminant data collected post 2000 - 2007 and shows that general advice is sufficient.		

TMDL ID	389	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New fish contaminant data; general fish consumption advisory still applies.

Document Title	Author Name	Comment
ROBERTS LAKE 2008 DATA DOCUMENTATION IMPAIRED WATERS LAKE WATER QUALITY REPORT FOR ROBERTS LAKE - DEEP HOLE	Schrank, Candy	Query SWIMS for Available Data
	DNR Reports	Query SWIMS for Available Data

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Date Report Run: 03/22/2018

Official Waterbody Name	Black River	Biologist	Bruhn, Camille M
Local Waterbody Name	Black River	WBIC	1676700
Water Type	RIVER	County(ies)	Jackson, Monroe
Start Mile	37.01	Watershed(s)	BR03, BR04
End Mile	73.36	Trophic Status	TSI Not Applicable to Non-Lake
Size	36.35	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/20/2015
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 51 and 707 (upper segments) This AU: La Crosse-Trempealeau-Jackson County line to Black River Falls Dam.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Black River is listed for PCBs. On 303d List since 1998.		

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.

TMDL ID	707	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 New Fish Data, TMDL 51 should be Black River from Lake Arbutus to Black River Falls, not L. Arbutus to Miss. River. Listed for Hg for FCA. Proposed removal of 51. TMDL ID = 51 and 707 (upper segments).

This AU: La Crosse-Trempealeau-Jackson County line to Black River Falls Dam.

Document Title	Author Name	Comment
BLACK RIVER 2008 DATA DOCUMENTATION IMPAIRED WATERS TMDL ID 51	Schrank, Candy	Query SWIMS for Available Data

TMDL ID	51	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 New Fish Data, TMDL 51 should be Black River from Lake Arbutus to Black River Falls, not L. Arbutus to Miss. River. Listed for Hg for FCA. Proposed removal of 51. TMDL ID = 51 and 707 (upper segments)

This AU: La Crosse-Trempealeau-Jackson County line to Black River Falls Dam.

Document Title	Author Name	Comment
BLACK RIVER 2008 DATA DOCUMENTATION IMPAIRED WATERS TMDL ID 51	Schrank, Candy	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

TMDL ID 2018-111	TMDL Priority Low
Date Listed 04/01/2018	Confirmed?
Pollutant Total Phosphorus	Listed For: Fish and Aquatic Life
Impairment Impairment Unknown	Current Use: FAL
TMDL Status Addition	Attainable Use: FAL
	Designated Use: Default FAL

Impaired Waters Notes: 07/25/2017 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 2018 River/Stream Water Quality Assessments	Water Evaluation Section	

Official Waterbody Name	Boom Lake	Biologist	W23321
Local Waterbody Name	Boom Lake	WBIC	1580200
Water Type	IMPOUNDMENT	County(ies)	Oneida
Start Mile		Watershed(s)	UW41
End Mile		Trophic Status	Eutrophic
Size	364.76	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	10/08/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	delisted		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Water as on the 303d list for mercury but one of two listings (533) was removed in 2006 due to waterbody ID to TMDL ID 528. 528 removed due to new data.		

TMDL ID 528	TMDL Priority Delisted 2008
Date Listed 04/01/1998	Confirmed?
Pollutant Mercury	
Impairment Contaminated Fish Tissue	
TMDL Status Water Delisted	

Impaired Waters Notes: 04/01/2008 Water was on the 303d list for mercury but one of two listings (533) was removed in 2006 due to waterbody ID to TMDL ID 528. 528 removed due to new data.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE BOOM LAKE, WISCONSIN RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Pine Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Pine Lake	WBIC	779200
Water Type	LAKE	County(ies)	Waukesha
Start Mile		Watershed(s)	UR09
End Mile		Trophic Status	Oligotrophic
Size	710.54	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/24/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 363		
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 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	363	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Unknown Pollutant		
Impairment	Chronic Aquatic Toxicity		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. Thorough data search does not support original listing. Should never have been placed on list in 1998

Document Title	Author Name	Comment
PINE LAKE IMPAIRED WATER DATA DOCUMENTATION	Burzynski, Marsha And Aho, Matt	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Holcombe Flowage	Biologist	W23321
Local Waterbody Name	Holcombe Flowage South	WBIC	2184900
Water Type	IMPOUNDMENT	County(ies)	Chippewa
Start Mile		Watershed(s)	UC01
End Mile		Trophic Status	Data Not Available
Size	1338.83	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/05/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 76 and 675 (in part) Chippewa River Holcombe Flowage		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Sites where data collected post 2000 -2007 and shows that general advice is sufficient.		

TMDL ID	76	TMDL Priority	Delisted 2008
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

Official Waterbody Name	Holcombe Flowage	Biologist	W23321
Local Waterbody Name	Holcombe Flowage- HWY 27	WBIC	2184900
	Embayment	County(ies)	Rusk,Chippewa
Water Type	IMPOUNDMENT	Watershed(s)	UC01,UC02,UC05
Start Mile		Trophic Status	Eutrophic
End Mile		NPS Rank	Not Ranked
Size	984.58	Last Monitored	09/05/2017
Measurement Unit	ACRES		
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 77 This AU: Holcombe Flowage embay.Hwy.27		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Holcombe Flowage is on the 303d list since 1998 for total suspended solids and total phosphorus.		

TMDL ID	77	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids	Listed For:	Fish and Aquatic Life
Impairment	Degraded Habitat	Current Use:	Impounded Flowing Water
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 10/15/2010 The listing for eutrophication applies to the North East portion of Holcombe Flowage upstream from STH 27. The remainder of the flowage is NOT listed for eutrophication.

Document Title	Author Name	Comment
HOLCOMBE FLOWAGE EMBAYMENT 2008 UPDATE	Mark Hazuga	2008 303d Update

TMDL ID	77	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New Fish Contaminant Data, No Specific Advisory TMDL ID = 77
This AU: Holcombe Flowage embay.Hwy.27

Document Title	Author Name	Comment
CHIPPEWA RIVER LISTING UPDATES (ALL) 2008	Schrank, Candy	Query SWIMS for Available Data

TMDL ID	77	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication, Elevated pH	Current Use:	Impounded Flowing Water
TMDL Status	303d Listed	Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 10/15/2010 The listing for eutrophication applies to the North East portion of Holcombe Flowage upstream from STH 27. The remainder of the flowage is NOT listed for

Impaired Water Short Report

Date Report Run: 03/22/2018

eutrophication.

Document Title	Author Name	Comment
HOLCOMBE FLOWAGE EMBAYMENT 2008 UPDATE	Mark Hazuga	2008 303d Update

Official Waterbody Name	Clark Lake	Biologist	SCHRACS
Local Waterbody Name	Clark Lake	WBIC	97700
Water Type	LAKE	County(ies)	Door
Start Mile		Watershed(s)	TK06
End Mile		Trophic Status	Oligotrophic
Size	865.13	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	12/03/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 84		

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 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	84	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Sediment		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New fish contaminant data. Remove PCB and FCA and delist from 303(d) list based on new data collected in 2005

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE CLARK LAKE 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Popple Lake	Biologist	W23321
Local Waterbody Name	Popple Lake	WBIC	2173900
Water Type	LAKE	County(ies)	Chippewa
Start Mile		Watershed(s)	LC21
End Mile		Trophic Status	Eutrophic
Size	94.3	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 = 369 delisted in 2008		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This water was originally listed in 1998 due to a pH exceedance. The lake was indicated as having turbidity and eutrophication in the 2001 basin report. The data shows that in 3 summer samples in 1990, there was one 1 pH violation at 9. 6. Summer samples in 2006 found no pH violations. Based on data collected in 2006 the lake should not have been placed on the 303d list. The water was delisted in 2008.		

TMDL ID	369	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 03/30/2009 No specific advisory for mercury.

Document Title	Author Name	Comment
Popple Lake 2173900 Impaired Waters Listing Documentation 2008	Mark Hazuga	2008 303d Update
Popple Lake 2173900 Impaired Waters Listing Documentation 2002	Oldenburg, Pat	Query SWIMS for Available Data

TMDL ID	369	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus		
Impairment	Eutrophication, Elevated pH		
TMDL Status	Water Delisted		

Impaired Waters Notes: 09/14/2009 Popple Lake was listed for TP, nutrients and pH as far back as 1998. However, in 2008 it was taken off the list for these parameters by Central Office (when only Hg should have been removed) due to a lack of data.

Pat Oldenburg believes that regional staff did not object to the de-listing because recent data (2006) suggested it should not have been on the list in the first place. A new documentation sheet was apparently never prepared, the previous sheet should provide sufficient documentation.

Document Title	Author Name	Comment
Popple Lake 2173900 Impaired Waters Listing Documentation 2008	Mark Hazuga	
Popple Lake 2173900 Impaired Waters Listing Documentation 2002	Oldenburg, Pat	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Wisconsin River	Biologist	Beranek, Ashley E
Local Waterbody Name	Wisconsin River	WBIC	1179900
Water Type	RIVER	County(ies)	Lincoln
Start Mile	304.23	Watershed(s)	UW32,UW33,UW35,UW39
End Mile	324.68	Trophic Status	TSI Not Applicable to Non-Lake
Size	20.45	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	07/15/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 527 (in part) DELISTED 2008 This AU: Grandfather Falls Dam to Alice Dam.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This water was assessed during the 2014 listing cycle; total phosphorus sample data clearly met 2014 WisCALM listing thresholds for the Fish and Aquatic Life use. This water was assessed during the 2018 listing cycle; new total phosphorus sample data clearly meets 2018 WisCALM listing criteria for the Fish and Aquatic Life use.		

TMDL ID	527	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	BOD, sediment load (Sediment Oxygen Demand)		
Impairment	Low DO		
TMDL Status	Water Delisted		
Impaired Waters Notes:	04/01/2008 New Data. Extensive monitoring and analysis found exceedances may be less than or equal to the error inherent in the monitoring process. There is no perceivable impact on aquatic life and modeling suggests complete elimination of point source discharges would have minimal effect on D.O. The marginal exceedances of the dissolved oxygen are thought to be due to natural background conditions including a large complex marshland ecosystem upstream from the listed segment. Best professional judgement and modeling indicates a healthy aquatic community exists in the segment with intolerant fish species including smallmouth bass, muskellunge, northern hog sucker and rock bass being present.		

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE WISCONSIN RIVER SEGMENT A 2008 IMPAIRED WATERS DATA DOCUMENTATION		Query SWIMS for Available Data

TMDL ID	527	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		
Impaired Waters Notes:	04/01/2008 New Data. Remove due to new fish contaminant data. Extensive monitoring and analysis found exceedances may be less than or equal to the error inherent in the monitoring process. There is no perceivable impact on aquatic life and modeling suggests complete elimination of point source discharges		

would have minimal effect on D.O. The marginal exceedances of the dissolved oxygen are thought to be due to natural background conditions including a large complex marshland ecosystem upstream from the listed segment. Best professional judgement and modeling indicates a healthy aquatic community exists in the segment with intolerant fish species including smallmouth bass, muskellunge, northern hog sucker and rock bass being present.

From Jim Kreitlow:

Multiple fish surveys in different years show a healthy fishery within segment A. A recent survey conducted in October 2007 within what was considered to be an area of low D.O. found 19 species of fish including intolerant species such as smallmouth bass, musky, northern hog sucker and rock bass.

Stations: Davenport Street bridge in Rhinelander downstream to Hat Rapids dam (Oct. 2007). Whirlpool Rapids, June 2007, Menard Island , June 2007, 1 mile below Hat Rapids dam downstream, Baseline survey August 2003.

Parameters: Fish summary

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE WISCONSIN RIVER SEGMENT A 2008 IMPAIRED WATERS DATA DOCUMENTATION		Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Wisconsin River	Biologist	Beranek, Ashley E
Local Waterbody Name	Wisconsin River	WBIC	1179900
Water Type	RIVER	County(ies)	Lincoln,Oneida
Start Mile	324.68	Watershed(s)	UW33,UW39,UW40
End Mile	347.81	Trophic Status	TSI Not Applicable to Non-Lake
Size	23.13	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/07/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 527 (in part) DELISTED 2008 This AU: Alice Dam near Tomahawk to Rhinelander Dam.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Extensive monitoring and analysis found exceedances may be less than or equal to the error inherent in the monitoring process. There is no perceivable impact on aquatic life and modeling suggests complete elimination of point source discharges would have minimal effect on D.O. The marginal exceedances of the dissolved oxygen are thought to be due to natural background conditions including a large complex marshland ecosystem upstream from the listed segment. Best professional judgement and modeling indicates a healthy aquatic community exists in the segment with intolerant fish species including smallmouth bass, muskellunge, northern hog sucker and rock bass being present. This water was assessed during the 2014 listing cycle; total phosphorus sample data clearly met 2014 WisCALM listing thresholds for the Fish and Aquatic Life use.		
	This water was assessed during the 2018 listing cycle; new total phosphorus sample data clearly meets 2018 WisCALM listing criteria for the Fish and Aquatic Life use.		

TMDL ID	527	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	BOD, sediment load (Sediment Oxygen Demand)		
Impairment	Low DO		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New Data. Extensive monitoring and analysis found exceedances may be less than or equal to the error inherent in the monitoring process. There is no perceivable impact on aquatic life and modeling suggests complete elimination of point source discharges would have minimal effect on D.O.

The marginal exceedances of the dissolved oxygen are thought to be due to natural background conditions including a large complex marshland ecosystem upstream from the listed segment. Best professional judgement and modeling indicates a healthy aquatic community exists in the segment with intolerant fish species including smallmouth bass, muskellunge, northern hog sucker and rock bass being present.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE WISCONSIN RIVER SEGMENT A 2008 IMPAIRED WATERS DATA DOCUMENTATION		Query SWIMS for Available Data

TMDL ID	527
Date Listed	04/01/1998

Impaired Water Short Report

Date Report Run: 03/22/2018

TMDL Priority Delisted 2008
Confirmed?

Pollutant Mercury
Impairment Contaminated Fish Tissue
TMDL Status Water Delisted

Impaired Waters Notes: 04/01/2008 New fish contaminant data supports removal of listing.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE WISCONSIN RIVER SEGMENT A 2008 IMPAIRED WATERS DATA DOCUMENTATION		Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Wisconsin River	Biologist	W23321
Local Waterbody Name	Wisconsin River	WBIC	1179900
Water Type	RIVER	County(ies)	Adams,Juneau,Wood
Start Mile	187.81	Watershed(s)	CW07,CW08,CW09,CW10
End Mile	204.17	Trophic Status	TSI Not Applicable to Non-Lake
Size	16.36	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/11/2016
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 530 (in part) This AU: Petenwell Lake inlet to Wisconsin Rapids Dam.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	This segment of the Wisconsin River was listed on the Section 303(d) list since 1998 for Mercury and PCBs. The current listing is for PCBs only, as the mercury listing was delisted in 2008.		

This water was assessed during the 2016 listing cycle; general mBI assessment indicates that this water may not meet Fish and Aquatic Life use. Further monitoring is recommended.

TMDL ID	530, 535 included	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 New fish data removes listing.

TMDL ID	530	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	No
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/02/2002 Previous sampling has found high levels of 2,3,7,8-TCDD and 2,3,7,8-TCDF in sediments. PCBs and mercury have also been detected at limited sampling sites. Currently, a fish consumption advisory exists on the flowage for PCBs, dioxin and mercury.

Document Title	Author Name	Comment
PETENWELL FLOWAGE IMPAIRED WATERS LISTING DOCUMENTATION	Hazuga, Mark	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Booth Lake	Biologist	W23321
Local Waterbody Name	Booth Lake	WBIC	1537800
Water Type	LAKE	County(ies)	Oneida
Start Mile		Watershed(s)	UW38
End Mile		Trophic Status	Mesotrophic
Size	204.15	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	08/19/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	delisted		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Booth Lake was placed on the impaired waters list in 1998 for mercury in fish tissue. This lake was delisted for mercury in 2008 based on new 2005 fish tissue data.		

TMDL ID	55	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New Fish Contaminant Data. Hg - This site remains on the general advisory and was only listed on 303d due to pre-2000 advice. Proposed delist 2008 due to new fish contaminant monitoring data

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE Booth Lake 2008 Tmdl Id 55 Impaired Waters Data Documentation		Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Sheboygan River	Biologist	Beranek, Ashley E
Local Waterbody Name	Sheboygan River	WBIC	50700
Water Type	RIVER	County(ies)	Sheboygan
Start Mile	13.58	Watershed(s)	SH03
End Mile	33.91	Trophic Status	TSI Not Applicable to Non-Lake
Size	20.33	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/05/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 427, 1998 Listed Proposed Delisting in 2008 This AU: Sheboygan Falls dam to Franklin dam.		
Water Quality Trends	Condition has improved over time; water is not impaired.		
Comments:	Delisted 2008, DATA available for 2000, 2004. This water hosts a smallmouth bass fishery, but is infested with Rusty Crayfish, Eurasian Watermilfoil and previously had fish advice in effect due to downstream contaminated sediment issues. As downstream contaminated sediment is remediated, water quality and fish health will improve throughout the river.		
	This water was assessed during the 2018 listing cycle; available biological do not indicate impairment according to 2018 WisCALM listing criteria for the Fish and Aquatic Life use (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).		

TMDL ID	427	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Sediment		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New monitoring data. Delist for PCBs and FCA based on new data.

Document Title	Author Name	Comment
SHEBOYGAN RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION	Schrank, Candy	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Unnamed	Biologist	W23321
Local Waterbody Name	Unnamed Tributary To Onion River Through Waldo Impoundment	WBIC	52600
Water Type	RIVER	County(ies)	Sheboygan
Start Mile	0	Watershed(s)	SH04
End Mile	.4	Trophic Status	TSI Not Applicable to Non-Lake
Size	.4	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 652, delist this downstream portion. 2008 DELISTED		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	The watershed for the Waldo Tributary to Onion River is a mixture of wetland, agricultural and urban land use. The upper reaches of the stream have been channelized and sedimentation is a problem. Storm water runoff and associated nonpoint source pollutants are the primary source of impairments to the stream. The lower reach of the stream is in good condition with adequate habitat, but low water elevation and flows.		

TMDL ID	652	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Degraded Habitat		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New data. Delete sediment as pollutant and degraded habitat based on new monitoring data. Upper portion of water is still on the list.

Document Title	Author Name	Comment
UNNAMED TRIB TO ONION RIVER IN WALDO IMPOUNDMENT MAP	Masterson, John	Query SWIMS for Available Data
UNNAMED TRIB TO ONION RIVER IN WALDO IMPOUNDMENT 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Red Cedar River	Biologist	Beranek, Ashley E
Local Waterbody Name	Red Cedar River	WBIC	2063500
Water Type	RIVER	County(ies)	Barron
Start Mile	79.22	Watershed(s)	LC09,LC10
End Mile	89.89	Trophic Status	TSI Not Applicable to Non-Lake
Size	10.67	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	06/08/2016
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	This AU: CTH W to Red Cedar Lake outlet. TMDL ID = 582 11/1/13 - Split AU into ORW and non-ORW segments.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Water segment no longer has specific fish advisory, the water should no longer be on the state's impaired waters list.		
	This water was assessed during the 2018 listing cycle; new total phosphorus and biological (macroinvertebrate Index of Biotic Integrity (IBI) scores) sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.		

TMDL ID	836	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes:

TMDL ID	582	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes:

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Red Cedar River	Biologist	Beranek, Ashley E
Local Waterbody Name	Red Cedar River	WBIC	2063500
Water Type	RIVER	County(ies)	Barron
Start Mile	89.88	Watershed(s)	LC10,LC11
End Mile	101.41	Trophic Status	TSI Not Applicable to Non-Lake
Size	11.53	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/11/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	<p>TMDL ID = 582 This AU: CTH W to Red Cedar Lake outlet. Water is proposed for remove - no fish advice is in effect for this stretch of the river.</p> <p>11/1/13 - Split AU into ORW and non-ORW segments.</p>		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	<p>Water segment no longer has specific fish advisory, the water should no longer be on the state's impaired waters list.</p> <p>This water was assessed during the 2014 listing cycle; total phosphorus and biological (macroinvertebrate or fish Index of Biotic Integrity (IBI) scores) sample data clearly met 2014 WisCALM listing thresholds for the Fish and Aquatic Life use.</p> <p>This water was assessed during the 2018 listing cycle; available chloride and biological do not indicate impairment according to 2018 WisCALM listing criteria for the Fish and Aquatic Life use (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).</p>		

TMDL ID	836	TMDL Priority	Delisted 2008
Date Listed	04/01/2006	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 01/01/2008 Water segment no longer has specific fish advisory, the water should no longer be on the state's impaired waters list.

Document Title	Author Name	Comment
RED CEDAR RIVER 2006 IMPAIRED WATERS DOCUMENT	Cahow, Jim	Query SWIMS for Available Data
Red Cedar River segment by segment map 3/10	Helmuth	

TMDL ID	582	TMDL Priority	Delisted 2008
Date Listed	04/01/2006	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 01/01/2008 Water segment no longer has specific fish advisory, the water should no longer be on

Impaired Water Short Report

Date Report Run: 03/22/2018

the state's impaired waters list.

Document Title	Author Name	Comment
RED CEDAR RIVER 2006 IMPAIRED WATERS DOCUMENT	Cahow, Jim	Query SWIMS for Available Data

Official Waterbody Name	Chippewa River	Biologist	Beranek, Ashley E
Local Waterbody Name	Chippewa River	WBIC	2050000
Water Type	RIVER	County(ies)	Sawyer
Start Mile	166.17	Watershed(s)	UC19
End Mile	178.02	Trophic Status	TSI Not Applicable to Non-Lake
Size	11.85	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/16/2016
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	DELISTED This AU: Inlet of Radisson Flowage to Lake Chippewa Dam.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	There are no FCAs on the Chippewa R. upstream of the Holcombe Dam This water was assessed during the 2018 listing cycle; new total phosphorus sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.		

TMDL ID	675	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. There are no FCAs on the Chippewa R. upstream of the Holcombe Dam

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Chippewa River	Biologist	Beranek, Ashley E
Local Waterbody Name	Chippewa River	WBIC	2050000
Water Type	RIVER	County(ies)	Rusk,Sawyer
Start Mile	144.17	Watershed(s)	UC17,UC19
End Mile	163.41	Trophic Status	TSI Not Applicable to Non-Lake
Size	19.24	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/13/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	This segment from Town Line Rd. to Radisson Flowage.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	There are no FCAs on the Chippewa R. upstream of the Holcombe Dam This water was assessed during the 2018 listing cycle; new total phosphorus sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.		

TMDL ID	675	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes:

Impaired Water Short Report

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Official Waterbody Name	Chippewa River	Biologist	Beranek, Ashley E
Local Waterbody Name	Chippewa River	WBIC	2050000
Water Type	RIVER	County(ies)	Rusk,Chippewa
Start Mile	110.12	Watershed(s)	UC01,UC17
End Mile	144.17	Trophic Status	TSI Not Applicable to Non-Lake
Size	34.05	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/09/2018
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	DELISTED 2008 This AU: Holcombe Flowage inlet to Imalone Rd.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	There are no FCAs on the Chippewa R. upstream of the Holcombe Dam This water was assessed during the 2018 listing cycle; new chloride sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.		

TMDL ID	675	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. There are no FCAs on the Chippewa R. upstream of the Holcombe Dam

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Chippewa River	Biologist	W23321
Local Waterbody Name	Chippewa River (At Holcombe Flowage)	WBIC	2050000
Water Type	RIVER	County(ies)	Chippewa
Start Mile	105.75	Watershed(s)	UC01
End Mile	110.14	Trophic Status	TSI Not Applicable to Non-Lake
Size	4.39	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	06/06/2001
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	New data verify general list consumption advisory only; not specific advisory. Delisted 2006 (2008?)		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	There are no FCAs on the Chippewa R. upstream of the Holcombe Dam New data verify general list consumption advisory only; not specific advisory. Delisted 2008.		

TMDL ID	76	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes:

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

TMDL ID	675	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue, Contaminated Sediment		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Correction. There are no FCAs on the Chippewa R. upstream of the Holcombe Dam

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Chippewa River	Biologist	W23321
Local Waterbody Name	Chippewa River	WBIC	2050000
Water Type	RIVER	County(ies)	Chippewa
Start Mile	80.18	Watershed(s)	LC21,UC01
End Mile	105.75	Trophic Status	TSI Not Applicable to Non-Lake
Size	25.57	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 80 (in part) This AU: Lake Wissota inlet to Holcombe Dam.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	This segment of the Chippewa River has been on the 303d List since 1998 for PCBs.		

TMDL ID	80	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 Proposed Correction of Hg FCA (no advisory) and change of PCB listing to contaminated sediment category (versus Atm. Dep).

TMDL ID	80	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 Proposed Correction of Hg FCA (no advisory) and change of PCB listing to contaminated sediment category (versus Atm. Dep).

Document Title	Author Name	Comment
CHIPPEWA RIVER MILE 0 TO 105 YEAR 2008 IMPAIRED WATERS DATA DOCUMENTATION	Shrank, Betz, Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Chippewa River	Biologist	W23321
Local Waterbody Name	Chippewa R At L Wissota	WBIC	2050000
Water Type	RIVER	County(ies)	Chippewa
Start Mile	77.04	Watershed(s)	LC18,LC21
End Mile	80.18	Trophic Status	TSI Not Applicable to Non-Lake
Size	3.14	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Evaluated: Older Data		
Assessment Unit Comments	TMDL ID = 80 (in part) This AU: Chippewa River at Lake Wissota (dam to inlet).		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	DUPLICATE LISTING OF LAKE WISSOTA TMDL ID 538 was removed from this assessment unit. On 303d List since 1998. Lake Wissota is listed for PCBs and was only delisted for Mercury in 2008.		

TMDL ID	80	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption
Impaired Waters Notes:	04/01/2008 New Fish Contaminant Data TMDL ID = 80 (in part) and 538 Delist Mercury, List PCBs This AU: Chippewa River at Lake Wissota (dam to inlet). DUPLICATE LISTING OF LAKE WISSOTA		

TMDL ID	80	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption
Impaired Waters Notes:	04/01/2008 New Fish Contaminant Data TMDL ID = 80 (in part) and 538. =Proposed Delisting for Mercury FCA under ID 80 - change category for ID 80 from atm. dep. to contam. sediment for PCBs.This AU: Chippewa River at Lake Wissota (dam to inlet). DUPLICATE LISTING OF LAKE WISSOTA		

Document Title	Author Name	Comment
CHIPPEWA RIVER MILE 0 TO 105 YEAR 2008 IMPAIRED WATERS DATA DOCUMENTATION	Shrank, Betz, Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Chippewa River	Biologist	Beranek, Ashley E
Local Waterbody Name	Chippewa River	WBIC	2050000
Water Type	RIVER	County(ies)	Buffalo, Pepin
Start Mile	0	Watershed(s)	LC01,LC02,LC03
End Mile	20.73	Trophic Status	TSI Not Applicable to Non-Lake
Size	20.73	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	03/12/2018
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	This AU: Mouth to lower end of Nine Mile Slough.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	<p>The Chippewa River is 303(d) listed for PCBs. New fish data suggested removing Mercury Specific Advisory for this stretch of the Chippewa River. On 303d List since 1998. This water was assessed during the 2014 listing cycle; total phosphorus sample data clearly met 2014 WisCALM listing thresholds for the Fish and Aquatic Life use (no biological data (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scores) were available to assess biological impairment).</p> <p>This water was assessed during the 2018 listing cycle; new total phosphorus sample data may 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>		

TMDL ID	80	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	Pollutant Removed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption

Impaired Waters Notes: 04/01/2008 New fish data. PCBs for specific advisory only. New fish data removing Hg Specific Advisory. ID was 78 changed to 80. Delete mercury and FCA based on new fish contaminant data; consolidate TMDL 80 (for PCBs) This AU: Mouth to lower end of Nine Mile Slough

Document Title	Author Name	Comment
CHIPPEWA RIVER MILE 0 TO 105 YEAR 2008 IMPAIRED WATERS DATA DOCUMENTATION	Shrank, Betz, Helmuth	Query SWIMS for Available Data

TMDL ID	80	TMDL Priority	Low
Date Listed	04/01/2008	Confirmed?	
Pollutant	PCBs	Listed For:	Fish Consumption
Impairment	Contaminated Fish Tissue	Current Use:	Specific Advice
TMDL Status	303d Listed	Attainable Use:	Fish Consumption
		Designated Use:	Fish Consumption
		Listed For:	Fish and Aquatic Life
		Current Use:	WWSF
		Attainable Use:	WWSF
		Designated Use:	Default FAL

Impaired Waters Notes: 04/01/2008 New data. Delete mercury and FCA based on new fish contaminant data; consolidate TMDL 80 (for PCBs) This AU: Mouth to lower end of Nine Mile Slough

Impaired Water Short Report

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Document Title	Author Name	Comment
CHIPPEWA RIVER MILE 0 TO 105 YEAR 2008 IMPAIRED WATERS DATA DOCUMENTATION	Shrank, Betz, Helmuth	Query SWIMS for Available Data

Official Waterbody Name	Dutchman Creek	Biologist	W23321
Local Waterbody Name	Dutchman Creek	WBIC	121600
Water Type	RIVER	County(ies)	Brown,Outagamie
Start Mile	4.06	Watershed(s)	LF02
End Mile	16.03	Trophic Status	TSI Not Applicable to Non-Lake
Size	11.97	NPS Rank	High Stream
Measurement Unit	MILES	Last Monitored	10/07/2015
303d Listed?	N		
DNR Category	Category 3		
Assessment Level	Monitored		
Assessment Unit Comments	Tribal Land Portion of Creek - proposal is to remove this segment from the state's list as a technical correction.		
Water Quality Trends	This is a tribal water with no state jurisdiction.		
Comments:	On tribal land, WDNR does not have jurisdiction over this waterbody.		

TMDL ID	120	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Degraded Habitat		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Technical change. Stream Segment on Tribal Lands

Document Title	Author Name	Comment
DUTCHMAN CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION SEGMENT 2	Hanson, Erin	Query SWIMS for Available Data
DUTCHMANS CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION SHEET UPDATED	Helmuth, Lisa	Query SWIMS for Available Data

TMDL ID	120	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Ammonia (Unionized) - Toxin		
Impairment	Chronic Aquatic Toxicity		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Technical change. Stream Segment on Tribal Lands

Document Title	Author Name	Comment
DUTCHMAN CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION SEGMENT 2	Hanson, Erin	Query SWIMS for Available Data
DUTCHMANS CREEK 2008 IMPAIRED WATERS DATA DOCUMENTATION SHEET UPDATED	Helmuth, Lisa	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Deer Lake	Biologist	W23321
Local Waterbody Name	Deer Lake (T36n R15w S23-13)	WBIC	2460500
Water Type	LAKE	County(ies)	Polk
Start Mile		Watershed(s)	SC12
End Mile		Trophic Status	Eutrophic
Size	14.35	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/01/2010
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 105 delisted		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Deer Lake was placed on the impaired waters list for mercury in fish tissue in 1998. This lake was delisted for mercury based on 2004 fish tissue data that showed the general advisory was sufficient.		

TMDL ID	105	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New Fish Contaminant Data, No Specific Hg Advisory

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE		

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Wolf River	Biologist	Beranek, Ashley E
Local Waterbody Name	Wolf River-Main Stem	WBIC	241300
Water Type	RIVER	County(ies)	Shawano, Waupaca
Start Mile	90.98	Watershed(s)	WR14
End Mile	110.69	Trophic Status	TSI Not Applicable to Non-Lake
Size	19.71	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/05/2016
303d Listed?	Y		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 540 This AU: STH 156 to Shawano Dam.		
Water Quality Trends	Proposed for removal from impaired waters during assessment period.		
Comments:	This water was listed for a specific fish consumption advisory for PCBs and Mercury in 1998. Specific fish consumption for mercury was delisted in 2008. For the 2018 assessment cycle new fish tissue samples indicate that a special fish consumption advisory for PCBs is no longer needed; this water is proposed for delisting in 2018.		

TMDL ID	540	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2008 New Data. New fish contaminant data.

Document Title	Author Name	Comment
EPA review comments of 2010 to 2012 listing discrepancies 1-16-13	Aaron Larson	
WOLF RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

TMDL ID	540	TMDL Priority	Not Applicable
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs		
Impairment	Contaminated Fish Tissue		
TMDL Status	Delist		

Impaired Waters Notes: 04/01/2008 Correction. Source category changed to other factors.
05/22/2017 New fish tissue samples indicate that a special fish consumption advisory for PCBs is no longer needed; this water is proposed for delisting in 2018.

Document Title	Author Name	Comment
Choose wisely - 2016: A health guide for eating fish in Wisconsin	WDNR	
WOLF RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	
Summary of Proposed Changes to Fish Consumption Advice for 2015 Advisory August 5 2015	Candy Schrank	
Summary of Proposed Changes to Fish Consumption Advice for 2016 Advisory	Candy Schrank	

Impaired Water Short Report

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Official Waterbody Name	Lake Winneconne	Biologist	Beranek, Ashley E
Local Waterbody Name	Winneconne Lake	WBIC	241600
Water Type	LAKE	County(ies)	Winnebago
Start Mile		Watershed(s)	WR01,WR02
End Mile		Trophic Status	Eutrophic
Size	4552.94	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/24/2017
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 524 Mercury removed 2008. three additional pollutants remain on list.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	This water was 303(d) listed for PCBs, Mercury, Total Phosphorus, and TSS in 1998. The Mercury listing was removed in 2008. This water is in TMDL development for Total Phosphorus and Total Suspended Solids.		

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

This water was assessed during the 2018 listing cycle; total phosphorus and chlorophyll-a sample data clearly exceeded 2018 WisCALM listing criteria for the Recreation use and Fish and Aquatic Life use. New fish tissue data indicates that this waterbody no longer needs a specific fish consumption advice for PCBs. This water should have its PCB listing removed.

TMDL ID	524	TMDL Priority	High
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication, Excess Algal Growth	Current Use:	Shallow Lowland
TMDL Status	TMDL Development	Attainable Use:	FAL
		Designated Use:	WWFF
		Listed For:	Recreation
		Current Use:	Full Body Contact
		Attainable Use:	Full Body Contact
		Designated Use:	Full Body Contact

Impaired Waters Notes:	01/18/2006	Type of impairment: Severe algae blooms, habitat loss, pH exceedances
		Source of impairment: Nonpoint nutrient and sediment loading, internal nutrient and sediment loading, unnaturally high water levels.
	06/14/2011	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.
	01/20/2014	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data exceed 2014 WisCALM listing thresholds for the Recreation use. Total phosphorus and chlorophyll data do not exceed Fish and Aquatic Life thresholds.
	05/24/2017	This water was assessed during the 2018 listing cycle; total phosphorus and chlorophyll-a sample data clearly exceeded 2018 WisCALM listing criteria for the Recreation use and Fish and Aquatic Life use.

Document Title	Author Name	Comment
Comprehensive 2014 TP Lakes Assessment	Water Evaluation	

Impaired Water Short Report

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Lake Winneconne 241600 Chla Package Rpt 2012	Section Aaron Larson	
Lake Winneconne 241600 Impaired Waters Listing Documentation 2006	Sesing, Mark and Betz, Carolyn	Query SWIMS for Available Data
Comprehensive 2018 Lake/Impoundment Water Quality Assessments	Water Evaluation Section	
Lake Winneconne 241600 TP Package Rpt 2012	Aaron Larson	

TMDL ID 524	TMDL Priority Delisted 2008
Date Listed 04/01/1998	Confirmed?
Pollutant Mercury	
Impairment Contaminated Fish Tissue	
TMDL Status Pollutant Removed	

Impaired Waters Notes: 04/01/2008 New data for fish contaminants removes listing.

Document Title	Author Name	Comment
Lake Winneconne 241600 Impaired Waters Listing Documentation 2006	Sesing, Mark and Betz, Carolyn	Query SWIMS for Available Data
Lake Winneconne 241600 Impaired Waters Listing Documentation 2008 Hg Update	Candy Schrank	Query SWIMS for Available Data

TMDL ID 524	TMDL Priority Not Applicable
Date Listed 04/01/2008	Confirmed?
Pollutant PCBs	
Impairment Contaminated Fish Tissue	
TMDL Status Deletion	

Impaired Waters Notes: 04/01/2008 New monitoring data. Add PCBs as pollutant consistent with the Lower Fox River PCB advisory.
05/24/2017 New fish tissue data indicates that this waterbody no longer needs a specific fish consumption advice for PCBs. This water should have its PCB listing removed.

Document Title	Author Name	Comment
Lake Winneconne 241600 Impaired Waters Listing Documentation 2008 Hg Update	Candy Schrank	Query SWIMS for Available Data
Summary of Proposed Changes to Fish Consumption Advice for 2016 Advisory	Candy Schrank	

TMDL ID 524	TMDL Priority High
Date Listed 04/01/1998	Confirmed?
Pollutant Sediment/Total Suspended Solids	Listed For: Fish and Aquatic Life
Impairment Degraded Habitat	Current Use: Shallow Lowland
TMDL Status TMDL Development	Attainable Use: FAL
	Designated Use: WFFF

Impaired Waters Notes: 01/18/2006 Type of impairment: Severe algae blooms, habitat loss, pH exceedances
Source of impairment: Nonpoint nutrient and sediment loading, internal nutrient and sediment loading, unnaturally high water levels.

Document Title	Author Name	Comment
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Impaired Water Short Report

Date Report Run: 03/22/2018

Lake Winneconne 241600 Impaired Waters Listing Documentation 2006

Sesing, Mark and Betz, Carolyn

Query SWIMS for Available Data

Official Waterbody Name	Scuppernong River	Biologist	Beranek, Ashley E
Local Waterbody Name	Scuppernong River	WBIC	817600
Water Type	RIVER	County(ies)	Waukesha
Start Mile	18.52	Watershed(s)	LR15
End Mile	19.02	Trophic Status	TSI Not Applicable to Non-Lake
Size	.5	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/26/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 658 Delisted 2008 This AU: From the headwaters spring pond down 1/2 mile.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	also on 1980 Trout Streams list This water was assessed during the 2018 listing cycle; new biological (macroinvertebrate and fish Index of Biotic Integrity (IBI) scores) sample data were clearly below 2018 WisCALM listing thresholds for the Fish and Aquatic Life use.		

TMDL ID	658	TMDL Priority	Delisted 2008
Date Listed	04/01/2002	Confirmed?	
Pollutant	Elevated Water Temperature		
Impairment	Impairment Unknown		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 Now meeting WQ Standards; new data supports delisting. The Scuppernong River section that is listed on the Federal Impaired Waters List (303(d) List) was listed as impaired due to temperature impacts on the river caused by the headwaters impoundment. With the removal of the impoundment in 1993, demonstration of in-stream temperatures that are supportive of salmonids and their reproduction justify removal from the list.

12/21/2017 Prior to 12/21/2017 this listing was Elevated Water Temperature for both Pollutant and Impairment. This was changed to Impairment Unknown because Elevated Temperature cannot be both the cause and impairment.

Document Title	Author Name	Comment
SCUPPERNONG RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION MEMO	Helmuth	
SCUPPERNONG RIVER 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helker, Craig	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Minong Flowage	Biologist	Beranek, Ashley E
Local Waterbody Name	Minong Flowage	WBIC	2692900
Water Type	IMPOUNDMENT	County(ies)	Douglas, Washburn
Start Mile		Watershed(s)	SC19, SC20
End Mile		Trophic Status	Eutrophic
Size	1564	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	12/05/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 293 (Douglas Co) and 294 (Washburn Co) delisted 2008		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	<p>This lake was assessed using 2012 WisCALM methodology using data from 2006-2010, and did not exceed thresholds for Total Phosphorus or chlorophyll a for either Recreation or Fish and Aquatic Life uses.</p> <p>This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll sample data clearly met 2014 WisCALM listing thresholds for the Fish and Aquatic Life use.</p>		

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

TMDL ID	294	TMDL Priority	Delisted 2008
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2008 New Fish Contaminant Data, No Specific Advisory for Hg. 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.

Document Title	Author Name	Comment
WISCONSIN SPECIFIC ADVICE MINONG FLOWAGE 2008 IMPAIRED WATERS DATA DOCUMENTATION	Schrank, Candy	Query SWIMS for Available Data