

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Bayview Park Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Milwaukee
Start Mile		Watershed(s)	MI01
End Mile		Trophic Status	Data Not Available
Size	.41	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/30/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments			
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	2010-36	TMDL Priority	Delisted 2012
Date Listed	10/24/2009	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.
10/24/2009 Propose to List 21% of geomeans exceeded 126 CFU/100mL

Document Title	Author Name	Comment
2012 Milwaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	W23321
Local Waterbody Name	Van Ess Road Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Sheboygan
Start Mile		Watershed(s)	SH02
End Mile		Trophic Status	Data Not Available
Size	.49	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	06/29/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	Van Ess Road Beach, Sheboygan Co.		
Water Quality Trends	Condition has improved over time; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed. This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.		

TMDL ID	2008-16	TMDL Priority	Delisted 2012
Date Listed	04/01/2008	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Sheboygan County Beach Data	Nicole Clayton	
LAKE MICHIGAN BEACHES 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Lions Den Gorge National Preserve South Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Ozaukee
Start Mile		Watershed(s)	SH01
End Mile		Trophic Status	Data Not Available
Size	.38	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	303d Listed.		
Water Quality Trends	Condition has improved over time; water is not impaired.		
Comments:	<p>This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.</p> <p>This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.</p> <p>This beach was assessed during the 2018 listing cycle; E. coli sample data were clearly below 2018 WisCALM listing thresholds for the Recreation use.</p>		

TMDL ID	2008-21	TMDL Priority	Delisted 2012
Date Listed	04/01/2008	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Ozaukee County Beach Data LAKE MICHIGAN BEACHES 2008 IMPAIRED WATERS DATA DOCUMENTATION	Nicole Clayton Helmuth	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Amsterdam Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Sheboygan
Start Mile		Watershed(s)	SH01,SH02
End Mile		Trophic Status	Data Not Available
Size	.33	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/06/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	303d Listed.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	2008-11	TMDL Priority	Delisted 2012
Date Listed	04/01/2008	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Sheboygan County Beach Data	Nicole Clayton	
LAKE MICHIGAN BEACHES 2008 IMPAIRED WATERS DATA DOCUMENTATION	Helmuth	Query SWIMS for Available Data
SHEBOYGAN COUNTY BEACHES		Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Upper Lake Park Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Ozaukee
Start Mile		Watershed(s)	SH01
End Mile		Trophic Status	Data Not Available
Size	.77	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 843		

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

Source Category: Bacteria

Data Source: WDNR Beach Monitoring Database

Water Quality Trends	Condition has remained stable; water is not impaired.
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.
	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	843	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Ozaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Harrington State Park (S. Beach), Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Ozaukee
Start Mile		Watershed(s)	SH01
End Mile		Trophic Status	Data Not Available
Size	.38	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/28/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 823		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	823	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Ozaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	County Road D Boat Launch Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Ozaukee
Start Mile		Watershed(s)	SH01
End Mile		Trophic Status	Data Not Available
Size	.37	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/04/2016
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 814		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	814	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Ozaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Cedar Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Ozaukee
Start Mile		Watershed(s)	SH01
End Mile		Trophic Status	Data Not Available
Size	.7	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/28/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 811		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		

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	811	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Ozaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Crescent Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Kewaunee
Start Mile		Watershed(s)	TK04
End Mile		Trophic Status	Data Not Available
Size	.68	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/30/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 815		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		

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	815	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/19/2011 This beach was assessed for the 2012 Impaired Waters List, and E. coli data exceeds listing thresholds indicating a recreational use impairment.

Document Title	Author Name	Comment
2012 Kewaunee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Point Beach State Park Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Manitowoc
Start Mile		Watershed(s)	TK02
End Mile		Trophic Status	Data Not Available
Size	1.51	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/30/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 718 (2004 addition)		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Point Beach State Park Beaches were assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	718	TMDL Priority	Delisted 2012
Date Listed	04/01/2004	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Manitowoc County Beach Data GREAT LAKES BEACHES 2010 IW DOCUMENTATION RECREATIONAL USE	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Neshota Park Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Manitowoc
Start Mile		Watershed(s)	TK02
End Mile		Trophic Status	Data Not Available
Size	.68	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/30/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 714 (2004 addition)		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Neshota Park Beach was assessed for the 2012 Impaired Waters List, and data indicate that the recreational use impairment should be removed.		
	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	714	TMDL Priority	Delisted 2012
Date Listed	04/01/2012	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Manitowoc County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Mckinley Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Milwaukee
Start Mile		Watershed(s)	MI02
End Mile		Trophic Status	Data Not Available
Size	.59	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/29/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 719 (2004 addition)		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		

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	719	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Milwaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Michigan	Biologist	Beranek, Ashley E
Local Waterbody Name	Bradford Beach, Lake Michigan	WBIC	20
Water Type	GREAT LAKES BEACH	County(ies)	Milwaukee
Start Mile		Watershed(s)	MI02
End Mile		Trophic Status	Data Not Available
Size	.64	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	09/01/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 720 (2004 addition)		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Bradford Beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		

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	720	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/20/2011 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Milwaukee County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Bass Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Bass Lake	WBIC	1832800
Water Type	LAKE	County(ies)	Barron
Start Mile		Watershed(s)	LC08
End Mile		Trophic Status	Mesotrophic
Size	118.04	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	10/14/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments			
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.		
	This water was assessed during the 2016 listing cycle; total phosphorus 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	24	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes:

Document Title	Author Name	Comment
BassLake2008HgData1832800	Ashley Beranek	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Sinissippi Lake (Hustisford)	Biologist	W23321
Local Waterbody Name	Sinissippi Lake Beach, Neider Park Landing	WBIC	859900
Water Type	INLAND BEACH	County(ies)	Dodge
Start Mile		Watershed(s)	UR08
End Mile		Trophic Status	Data Not Available
Size	.4	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/31/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 838		
Water Quality Trends	Condition has improved over time; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		

TMDL ID	838	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2006 This beach was tested in 2005. More than 35% of the 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.

04/01/2012 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
SWIMS Dodge County Beach Data 2012	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Birch Lake	Biologist	SCHRACS
Local Waterbody Name	Birch Lake	WBIC	2311100
Water Type	LAKE	County(ies)	Vilas
Start Mile		Watershed(s)	UC14
End Mile		Trophic Status	Mesotrophic
Size	506.22	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 = 47		
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. For the Fish Consumption use new fish tissue analysis showed no need for specific fish consumption advisories for this lake.

TMDL ID	47	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury		
Impairment	Contaminated Fish Tissue		
TMDL Status	Water Delisted		

Impaired Waters Notes:

Document Title	Author Name	Comment
BirchLake2008HgData2311100	Ashley Beranek	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Mineral Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Mineral Lake	WBIC	2916900
Water Type	LAKE	County(ies)	Ashland
Start Mile		Watershed(s)	LS12
End Mile		Trophic Status	Mesotrophic
Size	227.06	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/12/2017
303d Listed?	Y		
DNR Category	Category 5C		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 292		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Mineral Lake was put on the 303(d) list due to mercury in 1998 and was removed from the Special Fish Consumption List in 2000.		

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.

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

This water was assessed during the 2018 listing cycle; total phosphorus sample data exceed 2018 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, however chlorophyll data do not exceed REC or FAL thresholds.

TMDL ID	2016-271	TMDL Priority	Low
Date Listed	04/01/2016	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Impairment Unknown	Current Use:	Deep Lowland
TMDL Status	303d Listed	Attainable Use:	FAL
		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: 07/11/2017 This water was assessed during the 2018 listing cycle; total phosphorus sample data exceed 2018 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use, however chlorophyll data do not exceed REC or FAL thresholds.

08/07/2015 This water was assessed during the 2016 listing cycle; total phosphorus sample data exceed 2016 WisCALM listing thresholds for the Recreation use, however, chlorophyll data do not exceed REC thresholds. Total phosphorus and chlorophyll data do not exceed Fish and Aquatic Life thresholds.

Document Title	Author Name	Comment
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

TMDL ID	292	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	Listed For:	Fish and Aquatic Life
Impairment	Contaminated Fish Tissue	Current Use:	Deep Lowland
TMDL Status	Water Delisted	Attainable Use:	FAL
		Designated Use:	Default FAL

Impaired Waters Notes: 04/01/2012 This water was assessed during the 2012 listing cycle; new fish tissue data confirms that the statewide advisory is sufficient because mercury concentrations fall in the range of the general advisory.

Document Title	Author Name	Comment
MineralLake2007HgData2916900	Ashley Beranek	

Official Waterbody Name	Whitewater Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Whitewater Lake Beach, Kettle Moraine St. Forest B4	WBIC	816800
Water Type	INLAND BEACH	County(ies)	Walworth
Start Mile		Watershed(s)	LR14
End Mile		Trophic Status	Eutrophic
Size	.06	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	03/12/2018
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	<p>TMDL ID = 839</p> <p>Assessment of E. coli data for the 2012 Intergrated Report finds that this beach is no longer impaired and should be removed from the 303(d) list</p>		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	<p>The Beach of Whitewater Lake in Kettle Moraine State Forest has was placed on the state's 303(d) impaired waters list in 2006 for recreational restriction due to E. coli. However, this beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.</p> <p>This beach was assessed for the 2014 Impaired Waters List and E. coli data did not exceed 2014 WisCALM listing criteria.</p> <p>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.</p>		

TMDL ID	839	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2012 Assessment of E. coli data for the 2012 Intergrated Report finds that this beach is no longer impaired and should be removed from the 303(d) list

Document Title	Author Name	Comment
SWIMS Walworth County Beach Data 2012	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Eagle Creek	Biologist	Beranek, Ashley E
Local Waterbody Name	Eagle Creek	WBIC	1808400
Water Type	RIVER	County(ies)	Buffalo
Start Mile	9.09	Watershed(s)	BT06
End Mile	17.56	Trophic Status	TSI Not Applicable to Non-Lake
Size	8.47	NPS Rank	High Stream
Measurement Unit	MILES	Last Monitored	09/05/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 121 This AU: Joos Valley Creek to the headwaters.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	Eagle Creek was included in the Waumandee Creek Priority Watershed project area where several types of management practices were implemented, including manure storage facilities, livestock crossings, and streambank fencing and stabilization. These practices resulted in a statistically significant reduction in suspended solids concentrations and increase in habitat condition. A total suspended solids (TSS) Total Maximum Daily Load (TMDL) report was approved by EPA in 2003 that addresses the degraded habitat impairment. Post-implementation assessment reports document recovery of this stream's habitat quality (Wang, Lyons, and Kanehl, 2002) and decreased TSS concentrations (USGS, unpublished draft). Due to restored aquatic life habitat, this water was delisted from the impaired waters list in 2012. 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	4213-121	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Degraded Habitat		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/06/2011 This stream is proposed for delisting from the impaired waters list. The stream is currently in Category 4a (water is impaired, and has an EPA-approved TMDL), and DNR proposes to place in Category 2 (available information indicates that one or more designated uses are met) because new data indicate that the water is now attaining water quality standards. TSS concentrations measured after implementation of management practices were found to be significantly less than pre-implementation concentrations (see attached USGS report, unpublished draft). In addition, statistically significant improvements in stream habitat condition were observed after installation of riparian management practices (Wang, Lyons and Kanehl, 2002).

02/27/2012 Current reports available online (Graczyk 2010) are in draft form and do not contain all the data and illustrations that were used to propose delisting of this water segment.

Document Title	Author Name	Comment
Eagle Creek 1808400 and Joos Valley Creek 1808900 Sediment TMDL	WDNR WES, Tmdl Swat Team	
Effects of Watershed Best Management Practices on Habitat and Fish in Wisconsin Streams	Lizhu Wang, John Lyons, and Paul Kanehl	This report provides documentation of the improved habitat conditions.
Eagle Creek 1808400 Impaired Waters Listing	Mark Hazuga	2008 303d Update

Impaired Water Short Report

Date Report Run: 03/22/2018

Documentation 2008

Eagle Creek WBIC 1808400 TP Report 2012 Aaron Larson
Effects of Best Management Practices in Eagle David J. Graczyk, et
and Joos Valley Creeks in the Waumandee al.

Creek Priority Watershed, Wisconsin, 1990-
2007

Eagle Creek 1808400 Impaired Waters Listing Flicek, Chris
Documentation 2002

USEPA Decision Document for the Approval of WDNR WES
the Eagle Creek Joos Valley Creek Sediment
TMDL

This report provides documentation of the statistically significant decreases in total suspended solids concentrations following implementation of management practices.

Reviewed by Mark Hazuga on 1/15/2008

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Unnamed	Biologist	W23321
Local Waterbody Name	Joos Valley Creek	WBIC	1808900
Water Type	RIVER	County(ies)	Buffalo
Start Mile	0	Watershed(s)	BT06
End Mile	7.44	Trophic Status	TSI Not Applicable to Non-Lake
Size	7.44	NPS Rank	High Stream
Measurement Unit	MILES	Last Monitored	01/01/2015
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 209 entire stream		
Water Quality Trends	Condition has improved over time; water is not impaired.		
Comments:	<p>Joos Valley Creek was included in the Waumandee Creek Priority Watershed project area where several types of management practices were implemented, including manure storage facilities, livestock crossings, and streambank fencing and stabilization. These practices resulted in a statistically significant reduction in suspended solids concentrations and increase in habitat condition. A total suspended solids (TSS) Total Maximum Daily Load (TMDL) report was approved by EPA in 2003 that addresses the degraded habitat impairment. Post-implementation assessment reports document recovery of this stream's habitat quality (Wang, Lyons, and Kanehl, 2002) and decreased TSS concentrations (USGS, unpublished draft).</p> <p>This water was assessed during the 2014 listing cycle; phosphorus sample data nearly met (May Meet) 2014 WisCALM listing thresholds for the Fish and Aquatic Life use and biological sample data, macroinvertebrate or fish Index of Biotic Integrity (IBI), scored in the fair to excellent condition categories. Due to restored habitat and aquatic life conditions, this water was delisted from the impaired waters list in 2012.</p>		

TMDL ID	209	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Degraded Habitat		
TMDL Status	Water Delisted		

Impaired Waters Notes: 07/06/2011 This stream is proposed for delisting from the impaired waters list. The stream is currently in Category 4a (water is impaired, and has an EPA-approved TMDL), and DNR proposes to place in Category 2 (available information indicates that one or more designated uses are met) because new data indicate that the water is now attaining water quality standards. TSS concentrations measured after implementation of management practices were found to be significantly less than pre-implementation concentrations (see attached USGS report, unpublished draft). In addition, statistically significant improvements in stream habitat condition were observed after installation of riparian management practices (Wang, Lyons and Kanehl, 2002).

Document Title	Author Name	Comment
Joos Valley Creek 1808900 Impaired Waters Listing Documentation 2002	Flicek, Chris	Query SWIMS for Available Data
Eagle Creek 1808400 and Joos Valley Creek 1808900 Sediment TMDL	WDNR WES, Tmdl Swat Team	
Effects of Watershed Best Management Practices on Habitat and Fish in Wisconsin Streams	Lizhu Wang, John Lyons, and Paul Kanehl	This report provides documentation of improved stream habitat conditions resulting from the the implementation of management practices.
Joos Valley Creek WBIC 1808900 TP Report	Aaron Larson	

2012		
Effects of Best Management Practices in Eagle and Joos Valley Creeks in the Waumandee Creek Priority Watershed, Wisconsin, 1990-2007	David J. Graczyk, et al.	This report provides documentation of the reduced total suspended solids concentrations observed post-implementation of watershed and riparian management practices.
Joos Valley Creek 1808900 Impaired Waters Listing Documentation 2008	Mark Hazuga	2008 303d Update
USEPA Decision Document for the Approval of the Eagle Creek Joos Valley Creek Sediment TMDL	WDNR WES	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Becky Creek	Biologist	Beranek, Ashley E
Local Waterbody Name	Becky Creek	WBIC	2369600
Water Type	RIVER	County(ies)	Rusk
Start Mile	0	Watershed(s)	UC17
End Mile	1.24	Trophic Status	TSI Not Applicable to Non-Lake
Size	1.24	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	11/04/2015
303d Listed?	Y		
DNR Category	Category 4A		
Assessment Level	Monitored		
Assessment Unit Comments	Becky Creek is a class I trout stream and an exceptional resource water. The water is a cool (cold transition) headwater stream.		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	A recreational use impairment was identified for Becky Creek in the 1998 303(d) list, but previous assessment notes entered in July 2006 indicate that this listing is not supported by available data. The degraded habitat impairment was identified in the 2006 impaired waters list due to total suspended solids levels; however, a TMDL for this pollutant/impairment combination was finalized in 2005. Thus, Becky Creek was moved from category 5a to category 4a with the removal of the recreation restrictions impairment listing. This water was assessed during the 2014 listing cycle; biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).		

This water was assessed during the 2018 listing cycle; based on 2018 WisCALM listing criteria for the Fish and Aquatic Life use, available biological data did not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).

TMDL ID	650	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Pollutant Removed		

Impaired Waters Notes: 04/01/2012 This water was assessed during the 2012 listing cycle. A recreation use impairment was identified for Becky Creek in the 2008 30(d) list, but documentation of the original listing is not available nor is the listing supported by available data.

Document Title	Author Name	Comment
Becky Creek 2369600 Sediment TMDL	WDNR WES, Tmdl Swat Team	
Becky Creek (Rusk Co. 2369600) Impaired Waters Documentation 2010 Assessment	Craig Roesler	
Becky Creek Photo	Roesler, Craig	

TMDL ID	650
Date Listed	04/01/2004
Pollutant	Sediment/Total Suspended Solids
Impairment	Degraded Habitat

<p>TMDL Status: TMDL Approved</p>	<p>TMDL Priority: Not Applicable Confirmed? Listed For: Fish and Aquatic Life Current Use: Cold (Class I Trout) Attainable Use: Cold (Class I Trout) Designated Use: Cold</p>
<p>Impaired Waters Notes:</p> <p>10/13/2010</p> <p>04/14/2011</p> <p>05/08/2012</p>	<p>A site near the mouth of Becky Creek was monitored in 1995 and 2000. Both assessments indicated excessive bank erosion and fair fish habitat. Becky Creek at this location has widened and become shallower due to the bank erosion and sediment deposition. The shallow waters coupled with turbid conditions are elevating water temperatures. Total phosphorus and suspended solids increased by 50 percent from a site only a mile downstream. The stream bank erosion is likely due to a combination of cattle access and flood flow scouring.</p> <p>The lower segment of Becky Creek (1.6 miles) should be removed from the 303d list of impaired waters and placed on the "watch" list. It was placed on the impaired waters list based on the professional judgment of a former DNR fish manager, who felt this segment had the potential to be coldwater and support trout.</p> <p>It appears the lack of coldwater in this segment is due primarily to hydrologic conditions rather than land use practices. In 2009, groundwater discharge to the creek was restricted to the headwaters area in the Blue Hills, upstream of Malone Road. The creek was rapidly losing water to the ground downstream of there and was completely dry before reaching the STH 40 crossing. Substantial discharge of cold groundwater to a stream is needed to maintain coldwater conditions for trout.</p> <p>Additional observations of groundwater discharge to the creek should be made in the future during years of more normal precipitation. This would help verify that inadequate groundwater discharge to maintain cold water is a chronic condition.</p> <p>Fish surveys since 1967 have not found trout present in the lower segment of Becky Creek. This suggests that even in periods of normal precipitation, groundwater discharge is inadequate to produce coldwater conditions there. The current DNR fish manager for Rusk County made the following comments in his 2010 survey report for lower Becky Creek: "The absence of trout in repeated surveys, our observations of instream habitat characteristic of warmwater fish communities, and this station's proximity to the Chippewa River suggest that the current class 1 trout water designation may not be appropriate or attainable in the segment downstream of hwy. 40. Recommend review of current class 1 trout designation and current listing on CWA 303d listing of impaired waters."</p> <p>The formerly pastured area in the creek segment currently listed as impaired is showing signs of natural recovery. Streambanks were quickly revegetated with grasses and herbs once cattle pasturing stopped. Young woody vegetation is appearing and will begin to provide significant shading in several years. Some channel narrowing and point bar expansion were observed between 2009 and 2010.</p> <p>Some of the very wide pools and steeply banked areas in the formerly pastured area will probably take much longer to improve. This stream section's potential to only support a warmwater forage fish community does not justify making expenditures to artificially improve the stream channel. Natural scouring and deposition processes should eventually produce channel improvements.</p> <p>Becky Creek sediment TMDL was approved September 27, 2005.</p>

Document Title	Author Name	Comment
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Impaired Water Short Report

Date Report Run: 03/22/2018

Becky Creek 2369600 Sediment TMDL WDNR WES, Tmdl Category 5C for Sediment
 Swat Team
 Becky Creek (Rusk Co. 2369600) Impaired Waters Documentation 2010 Assessment Craig Roesler Recommendation for delisting stream in 2012
 USEPA Decision Document for the Approval of the BeckyCreek TMDL 2369600 USEPA Final TMDL

Official Waterbody Name	German Valley Br	Biologist	Beranek, Ashley E
Local Waterbody Name	German Valley Branch	WBIC	909200
Water Type	RIVER	County(ies)	Dane
Start Mile	0	Watershed(s)	SP05
End Mile	7.63	Trophic Status	TSI Not Applicable to Non-Lake
Size	7.63	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	10/13/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	This AU: entire stream.		

TMDL ID = 162 - cold water due to improvement

Water Quality Trends	Condition has improved over time; water is not impaired.
Comments:	This water was originally listed in 1998. The TMDL for this listing was approved in 2005. This water was restored and delisted in 2012.

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	12237-162	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids		
Impairment	Degraded Habitat		
TMDL Status	Water Delisted		

Impaired Waters Notes: 09/30/2011 Assessments conducted before and after TMDL implementation show that stream habitat and biological condition have improved and the stream now meets applicable water quality standards and designated uses.
 09/08/2013 This water was originally listed in 1998. The TMDL for this listing was approved in 2005. This water is proposed as a delist candidate in 2012.

Document Title	Author Name	Comment
German Valley Branch 909200 Impaired Waters Documentation 2011 Delisting Proposal	Jim Amrhein	Delisting documentation
Sugar Pecatonica River Basin TMDLs 875300	WDNR WES, Tmdl Swat Team	
USEPA Decision Document for the Approval of the Sugar Pecatonica TMDL 875300	USEPA	
German Valley Branch 909200 Impaired Waters Delisting Documentation 2011 Form	Jim Amrhein	Delisting documentation

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Superior	Biologist	Beranek, Ashley E
Local Waterbody Name	Bayview Park Beach, Lake Superior	WBIC	2751220
Water Type	GREAT LAKES BEACH	County(ies)	Ashland
Start Mile		Watershed(s)	LS08
End Mile		Trophic Status	Data Not Available
Size	.07	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/31/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments			
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	829	TMDL Priority	Delisted 2012
Date Listed	04/01/2006	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 04/01/2012 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Ashland County Beach Data	Nicole Clayton	

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Lake Superior	Biologist	Beranek, Ashley E
Local Waterbody Name	Thompson West End Park Beach, Lake Superior	WBIC	2751220
Water Type	GREAT LAKES BEACH	County(ies)	Bayfield
Start Mile		Watershed(s)	LS07
End Mile		Trophic Status	Data Not Available
Size	.68	NPS Rank	Not Ranked
Measurement Unit	MILES	Last Monitored	08/30/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	303d Listed.		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.		
	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	2008-34	TMDL Priority	Delisted 2012
Date Listed	04/01/2008	Confirmed?	
Pollutant	E. coli		
Impairment	Recreational Restrictions - Pathogens		
TMDL Status	Water Delisted		

Impaired Waters Notes: 10/16/2009 In 2009, water quality data for this beach was assessed from 2007-2009. Calculated geomeans for the last 3 years indicated that the water should stay on the list at this time.

04/01/2012 This beach was assessed for the 2012 Impaired Waters List, and data indicate recreational use impairment should be removed.

Document Title	Author Name	Comment
2012 Bayfield County Beach Data LAKE SUPERIOR 2008 IMPAIRED WATERS DATA DOCUMENTATION BEACHES GREAT LAKES BEACHES 2010 IW DOCUMENTATION RECREATIONAL USE	Nicole Clayton	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Silver Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Silver Lake (Big)	WBIC	107900
Water Type	LAKE	County(ies)	Waushara
Start Mile		Watershed(s)	WR02
End Mile		Trophic Status	Oligotrophic
Size	328.3	NPS Rank	Not Ranked
Measurement Unit	ACRES	Last Monitored	09/03/2017
303d Listed?	N		
DNR Category	Category 2		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 434		
Water Quality Trends	Condition has remained stable; water is not impaired.		
Comments:	This water was assessed during the 2014 listing cycle; total phosphorus and chlorophyll-a data clearly met 2014 WisCALM Recreation and Fish and Aquatic Life thresholds.		

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

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

TMDL ID	434	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	Unknown Pollutant		
Impairment	Chronic Aquatic Toxicity		
TMDL Status	Water Delisted		

Impaired Waters Notes: 06/24/2011 Silver Lake was placed on the impaired waters list, in 1998, for a ¿Chronic Aquatic Toxicity¿ impairment with an unknown responsible pollutant. Local resident questioned Silver Lakes placement on the 303(d) list for chronic aquatic toxicity and requested WDNR provide information on the 303(d) listing. WDNR could find no data to support the 1998 toxicity listing and agreed to conduct two ambient toxicity tests in 2010 to either confirm the impaired listing or provide enough data to recommend removing Silver Lake from the impaired waters list.

The State Lab of Hygiene conducted two toxicity tests on ambient water collected from Silver Lake on 8/10/10 and 10/27/10 and no toxicity was observed. These results, along with the fact that Silver Lake is fully supporting its FAL designated use, led central office to conclude that the chronic aquatic toxicity impairment for Silver Lake should be delisted. The results of these tests can be found in the SWIMS database. The information was sent to West Central Region for an impaired water assessment. DNR West Central Region staff recommended Silver Lake be delisted (5-04-2011).

Document Title	Author Name	Comment
Silver Lake 2010 toxicity test summary	Chris Pracheil	
SILVER LAKE IMPAIRED WATERS LISTING DOCUMENTATION	Provost, Scott	Query SWIMS for Available Data

Impaired Water Short Report

Date Report Run: 03/22/2018

Official Waterbody Name	Neshonoc Lake	Biologist	Beranek, Ashley E
Local Waterbody Name	Neshonoc Lake	WBIC	1653500
Water Type	IMPOUNDMENT	County(ies)	La Crosse
Start Mile		Watershed(s)	BL04,BL05
End Mile		Trophic Status	Eutrophic
Size	606.5	NPS Rank	High Lake
Measurement Unit	ACRES	Last Monitored	10/03/2016
303d Listed?	Y		
DNR Category	Category 5A		
Assessment Level	Monitored		
Assessment Unit Comments	TMDL ID = 309		
Water Quality Trends	Water is impaired due to one or more pollutants and associated quality impacts.		
Comments:	Lake Neshonoc is an impoundment of the La Crosse River beginning at the La Crosse River dam (river mile 17.9) and continuing upstream for approximately 1.2 miles (river mile 19.1). Lake Neshonoc is impaired by total phosphorus, total suspended solids, and mercury. The Special Fish Consumption Listing for PCBs was removed in 2012.		

This water was assessed during the 2014 listing cycle; total phosphorus 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 exceed 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 sample data exceeded 2018 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use; chlorophyll data only exceeded REC thresholds, not FAL.

TMDL ID	309	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Sediment/Total Suspended Solids	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: 10/27/2010 The overwhelming majority of nutrient and bacterial load entering Lake Neshonoc is derived from nonpoint sources. Upstream of Lake Neshonoc the following municipalities have WPDES permits: Bangor, Rockland, Sparta, Fort McCoy. The following businesses have WPDES permits upstream of Lake Neshonoc: Webster Industries, Foremost Farms (Sparta).

Document Title	Author Name	Comment
LAKE NESHONOC IMPAIRED WATER LISTING DOCUMENTATION	Koperski, Cindy	Query SWIMS for Available Data

TMDL ID	309	TMDL Priority	Delisted 2012
Date Listed	04/01/1998	Confirmed?	
Pollutant	PCBs	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: 10/27/2010 Lakes Condition Monitoring - 1998 (WDNR) - Monthly water chemistry sampling from April through September using Ambient Lakes Protocol. Summer sampling of surface

Impaired Water Short Report

Date Report Run: 03/22/2018

- 11/16/2013 waters found pH exceedances (>9) on 8 of 13 dates during 1994 and 1998. Lake Neshonoc is an impoundment of the La Crosse River beginning at the La Crosse River dam (river mile 17.9) and continuing upstream for approximately 1.2 miles (river mile 19.1). Lake Neshonoc is impaired by total phosphorus, total suspended solids, and mercury. The Special Fish Consumption Listing for PCBs was removed in 2012.
- 03/23/2012 Special PCB advice was removed in 2011.

Document Title	Author Name	Comment
NeshonocLake2008PCBsData	Ashley Beranek	
LAKE NESHONOC IMPAIRED WATER LISTING DOCUMENTATION	Koperski, Cindy	Query SWIMS for Available Data
2000-2010 Fish Cont Data Neshonic and UFox Swan-Portage	Ashley Beranek	

TMDL ID	309	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Mercury	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: 10/27/2010 Lakes Condition Monitoring - 1998 (WDNR) - Monthly water chemistry sampling from April through September using Ambient Lakes Protocol. Summer sampling of surface waters found pH exceedances (>9) on 8 of 13 dates during 1994 and 1998.

Document Title	Author Name	Comment
LAKE NESHONOC IMPAIRED WATER LISTING DOCUMENTATION	Koperski, Cindy	Query SWIMS for Available Data

TMDL ID	309	TMDL Priority	Low
Date Listed	04/01/1998	Confirmed?	
Pollutant	Total Phosphorus	Listed For:	Fish and Aquatic Life
Impairment	Eutrophication, Impairment Unknown, Excess Algal Growth, Elevated pH	Current Use:	Impounded Flowing Water
TMDL Status	303d Listed	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:** 07/11/2017 This water was assessed during the 2018 listing cycle; new total phosphorus sample data exceeded 2018 WisCALM listing thresholds for the Recreation use and Fish and Aquatic Life use; chlorophyll data only exceeded REC thresholds, not FAL.
- 01/20/2014 This water was assessed during the 2014 listing cycle; total phosphorus 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 exceed 2016 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	
Comprehensive 2016 Lake Reservoir Assessments	Water Evaluation Section	
Comprehensive 2018 Lake/Impoundment Water	Water Evaluation	

Impaired Water Short Report

Date Report Run: 03/22/2018

Quality Assessments
Email documentation of database correction
adding TP pollutant

Section
Aaron Larson