

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name	<u>MENOMINEE RIVER</u>	ProjectID: 05-24
Last Updated:	07/15/04	
City:	Marinette, WI and Menominee, MI	
County:	Marinette	
State:	WI/MI	
Country:	USA	
Bodies of Water:	Lower Menominee River; Green Bay	
US EPA Region:	V	
Status (Active, Complete, or Monitoring Only):	Complete	
Date On NPL:	N/A	
ROD/ESD Date:	N/A	
Operable Unit:	N/A	
Areas of Concern (length or acres):	The lower 3 miles of the river from the upper Scott Paper Company dam to the river's mouth, and the adjacent nearshore area of Green Bay extending 3 miles north and south of the river mouth. It also includes Green Island which is located in Wisconsin waters approximately 5 miles southeast of the river mouth.	
Other Characteristics of Water Body:	The Menominee River is the boundary between northeastern Wisconsin and the Upper Peninsula of Michigan. The river's headwaters originate in both states. The stem of the river flows between the cities of Menominee, Michigan and Marinette, Wisconsin before emptying into Green Bay.	
Contaminants of Concern:	arsenic; also, other heavy metals, PCBs, PAHs, oil and grease	
Source of Contamination:	<p>The primary contaminant of concern in the Menominee River AOC sediment is arsenic. Sediments in certain areas of the river are contaminated with arsenic. The main source of arsenic is the Ansul Fire Protection Company in Marinette that produced arsenic-based herbicides from 1957-1977. Arsenic contaminated salt escaped into or was discharged into the river during the years of production. Ansul's property, some of the groundwater beneath the site and the river's sediments adjacent to the site are currently contaminated with arsenic. Sampling by the USACE in 1986 found arsenic concentrations between 0.5 to 1,953 ppm in the sediments within the Menominee River AOC. Later USACE sampling in 1990 obtained a range from 1.3 to 15.4 ppm (USEPA Region V, 1992). There is also contamination of the sediments by cadmium, chromium, lead, mercury, zinc, PCBs, PAHs and oil and grease.</p> <p>Other contamination sources, including chemical companies, a paper mill, a municipal WWTP, a ship building company and a foundry, are located along the south shore of the river, while another paper mill, shipping warehouse and municipal WWTP are located on the river's north shore.</p>	
Contaminated Area Physical Characteristics:	Arsenic-contaminated sediments in the Eighth Street Slip area, potential migration of arsenic-contaminated groundwater into the Menominee River, and additional investigation and implementation of remedial measures for the Menominee River Turning Basin.	
Type of Regulatory Action:	RCRA Consent Agreement (for arsenic contamination) between Ansul Fire Protection Company, the State of Wisconsin, and US EPA. This includes an Interim Measures Agreement signed between US EPA and Ansul on September 28, 1998.	
Overall Status Summary:	Pollutants such as heavy metals, PCBs, and PAHs have resulted in impaired beneficial uses in the Menominee River AOC. However, one of the primary reasons the Menominee River is classified as an AOC is because of the arsenic contamination in the turning basin and in	

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sediments in the Eighth Street Slip and along the right bank of the river below the Ansul Fire Protection Company, which is located on the Wisconsin side of the river.

From 1957-1977, Ansul produced agricultural herbicides. Manufacturing of these herbicides produced a salt by-product that was 2% arsenic by weight and stored in uncovered, unlined waste piles. Over the years of operations, arsenic escaped into or was discharged into the river. In 1981, to comply with a Consent Order issued by WDNR, Ansul pumped 16 million gallons of arsenic contaminated ground water from the company's property. This action removed an estimated 95% of the arsenic from a sand layer 15 to 30 feet beneath the surface.

A RCRA Consent Agreement between Ansul Fire Protection Company, the State of Wisconsin and the US EPA was initiated in 1990. On July 1, 1997, US EPA ordered Ansul to remove as much as 15,000 cy of contaminated sediment from the Eighth Street boat slip located adjacent to its facility. In September 1998, an Interim Measures Agreement was incorporated into the existing Consent Order. The interim measures consist of removal of arsenic contaminated sediments in the Eighth Street Slip area, construction of a barrier system to prevent the continued migration of arsenic contaminated groundwater into the Menominee River, and additional investigation and implementation of remedial measures for the Menominee River Turning Basin.

Ansul began on-site construction of the barrier system in October 1998 to control the migration of contaminated groundwater off-site into the Menominee River. The barrier system was completed in December 1998. On-site groundwater contains arsenic at concentrations up to 8,530 ppm and exceeds the MCL for arsenic in drinking water of 0.05 ppm. The barrier encompasses the most highly contaminated areas on-site and provides preliminary protection to fish and benthic life in the river as well as potential reduction of human exposures through drinking water or recreational activities.

As part of the Interim Measures Agreement, Ansul commenced dredging of arsenic-contaminated soft sediment from the Eighth Street Slip area on June 15, 1999 and was scheduled to finish by the end of 1999. Sediments in the slip were reported to contain arsenic at concentrations up to 22,000 ppm. Also as part of the Agreement, Ansul was to conduct additional investigations of soft sediments and subsoils in the Turning Basin and subsoils in the Eighth Street Slip. Ansul was to submit a work plan to the agencies by March 15, 1999 that detailed the investigation to determine the extent of contamination and complete development of proposed interim measures for these areas. Ansul originally planned to submit the work plan on February 1, 1999; the delay was due to a problem with the selected laboratory.

Dredging of the Eighth Street Slip was completed in mid-September 1999. The target cleanup level was 4.8 ppm arsenic. Approximately 12,400 cy of sediment were removed from the slip. The slip remains isolated from the river and was used as the discharge location for water generated during dredging and dewatering operations. It was stipulated that Ansul had up to two years to treat the water to acceptable levels (arsenic) for discharge back to the river. Sediment was dewatered, mixed with stabilizing agents, and disposed of in a Subtitle D landfill located in Michigan.

Water within the Eighth Street Slip was treated using reverse osmosis and ultra filtration, and discharged to the river. The slip was filled with sand and gravel as water was removed. The operation was completed in September 2002. Although work on the Eighth Street Slip was part of an Interim Measures Agreement, EPA now intends to make it the permanent remedy. A permanent cap was also installed over the Salt Vault area of river bank near the Eighth Street Slip and a contractor continues to perform sampling to characterize the sediments in the

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Menominee River Turning Basin.

Remedial Action Planned: ☒

Risk Assessment: ☒

Remedial Action Implemented: ☒

Status of Dredging ☐

PRPs: ☒

Contacts: ☒

References: ☒

Modeling: ☐

Fishing Advisory: ☒

Key Conditions: capping, commercial landfill, dredging, Great Lakes AOC, solidification/stabilization

REMEDIAL ACTION PLANNED

Project Name	<u>MENOMINEE RIVER</u>	ProjectID: 05-24
Last Updated:	08/11/98	
Target Sediment Cleanup Standards (TSCS):	4.8 ppm arsenic	
How TSCS Established:	Sediments were sampled near the facility and from a background location upstream of the facility (from an area less likely to have been impacted). The background concentration was chosen by the US EPA as the cleanup standard.	
Target Bank and Floodplain Cleanup Levels (if applicable):	N/A	
Other Target:	N/A	
Environmental Sample Data References:	<ul style="list-style-type: none">• Sediment:• Water:• Fish:	
Estimated Target Volume:	10,000 - 15,000 cy	
Planned Disposal Method:		
Estimated Calendar Time to Implement Remedy:	On July 1, 1997, EPA ordered Ansul to remove sediment from the Eighth Street Slip Area. Target date to begin dredging is June 15, 1999 with completion by the end of 1999.	
Estimated Time to Implement Remedy:	7 months	
Estimated Cost to Implement Remedy:	\$1,500,000	
Stated Remedial Action Objectives (and Source):		
Measures of Success to be Used:		
Planned Monitoring and Restoration:	Monitoring of ground water and of the barrier to verify barrier effectiveness. Additional monitoring/restoration will be performed following completion of remedial measure(s) selected to address the remaining contaminated sediments.	
Agency Position on Sediment Removal (and Source):	Facility wants to cut costs, agency wants thorough cleanup. (Source: e-mail from R. Smith of US EPA 9/11/98.)	

RISK ASSESSMENT

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Last Updated: 02/04/00

RA Type: Baseline Human Health & Ecological; Public Health

RA Status: Under Agency Review

RA Objectives:

Company Ansul Fire Protection Company / Dames & Moore
Performing RA:

RA Reference Report:

RA Summary and Based on personal communication with US EPA, the facility seems to be doing a "desktop" risk
Conclusions: assessment (i.e., literature review of arsenic concentrations at other sites and the associated effects).

REMEDIAL ACTION IMPLEMENTED

Project Name:	<u>MENOMINEE RIVER</u>	ProjectID: 05-24
Last Updated:	07/15/04	
Physical Target:	4.8 ppm arsenic	
Goals:	Removal of soft sediments containing greater than 4.8 ppm arsenic.	
Primary Contractor:	Superior Special Services, Inc. (dredging and barrier installation); Earth Tech (water treatment)	
Other Contractors:	Dames & Moore (oversight contractor)	
Generic Remediation Method:	Hydraulic dredging	
Equipment:		
Material Handling:	Sheetpile was installed around the slip beginning in Fall 1998. Sediments were dewatered and then stabilized to meet TCLP leaching requirements, prior to offsite disposal.	
Volume Removed:	12,400 cy	
Calendar Time:	June 15 - mid-September 1999	
Time To Implement:		
Total Cost:		
Dredging Cost:		
Disposal of Sediment:	Trucked to a Subtitle D landfill located in Michigan	
Volume of Water:	Unknown	
Method of Water Treatment:	<p>Water generated during hydraulic dredging of the Eighth Street Slip and from subsequent sediment dewatering operations was discharged back to the slip. As a result of installation of the sheetpile barrier around the slip perimeter, the slip was considered to be isolated from the river, thus the reasoning for allowing the discharge back to the slip. Ansul was provided a two year window to treat the water in the slip after completion of dredging. The water was required to meet WPDES permit limits prior to being discharged back to the river. In July 1999, Ansul installed a small pilot scale unit for treatment of surface water in the slip. Operation of the pilot scale unit was intended to confirm the preliminary design and was to be followed by design and installation of a full scale system.</p> <p>Removal of arsenic from the water in the slip began in October 2002, using ultrafiltration and reverse osmosis. The treated water was discharged to the river. Operational modifications to the filtration system were required as a result of elevated water hardness and the existence of colloidal material above design limits. The slip was filled with sand and gravel as the water was removed for treatment. Water treatment ended on September 17, 2002. The remaining Slip water, approximately 57,300 gallons, was sent offsite for treatment.</p>	
Water Discharge Limit:		
Air Monitoring During Remediation:		
Water Monitoring During Remediation:	No monitoring performed; slip isolated from river using cofferdams.	

REMEDIAL ACTION IMPLEMENTED

Project Name:	<u>MENOMINEE RIVER</u>	ProjectID: 05-24
Last Updated:	07/15/04	

Outcome: Approximately 12,400 cy of arsenic-contaminated sediment were removed from the Eighth Street Slip and were dewatered, stabilized, and shipped offsite to a Subtitle D landfill for disposal. Following the removal of sediment and water from the slip, it was completely filled with sand and gravel.

Restoration and Post-Monitoring: Ansul is to perform studies on aquatic species for submittal to the agencies. Details not yet obtained.

Site-Specific Difficulties:

- The laboratory originally selected by Ansul to perform matrix analysis as part of the removal project announced that they were no longer going to maintain USEPA certification.
- Algae growth in the Slip water resulted in significantly higher solids which blinded the ultrafiltration unit, greatly reducing the unit's capacity.

Monitoring Data

References:

- *Sediment*
- *Water:*
- *Fish:*

POTENTIALLY RESPONSIBLE PARTIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

PRP Name: PRP INFORMATION NOT RELEASED

PRPID:

Street Address:

City:

State:

KEY CONTACTS

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Last Name: KEY CONTACT INFORMATION NOT RELEASED

Contact ID:

First Name:

Title:

Company:

Address:

City:

State:

Postal Code:

Work Phone # :

Other Phone #:

Fax # :

Email Address:

REFERENCES

Project Name MENOMINEE RIVER

ProjectID: 05-24

Reference Type: A

ReferenceID: 246

Title: *Realizing Remediation - A Summary of Contaminated Sediment Remediation Activities in the Great Lakes Basin*

Location: BBL

Category: Contaminated Sediments: Remedial Options/Guidance

Prepared by/Author: Erin White, intern and Callie Bolattino, Project Officer

Preparer/Author Address: US EPA
Great Lakes National Program Office
Chicago, IL

Prepared For:

Date Published: March 1998

Key Words and Phrases:

Reference Type: A

ReferenceID: 1066

Title: *Revised Addendum Two - RFI and IMI: Field Sampling Plan*

Location: AEM

Category: Remedial Action Plan/Work Plan

Prepared by/Author: URS Corporation

Preparer/Author Address:

Prepared For: Tyco Suppression Systems - Ansul, One Stanton Street, Marinette, WI

Date Published: March 28, 2001

Key Words and Phrases:

Reference Type: A

ReferenceID: 1067

Title: *Corrective Measures Study - Former Salt Vault and Eighth Street Slip*

Location: AEM

Category: Remedial Design

Prepared by/Author: URS Dames & Moore

Preparer/Author Address:

Prepared For: Ansul Incorporated, One Stanton Street, Marinette, WI

Date Published: August 31, 2000

Key Words and Phrases:

REFERENCES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Reference Type: A

ReferenceID: 1068

Title: ***Contract Specifications - 8th Street Slip Cap Project***

Location: AEM

Category: Remedial Design

Prepared by/Author: URS Corporation

**Preparer/Author
Address:**

Prepared For: Tyco Suppression Systems - Ansul, Stanton Street Facility, Marinette, WI

Date Published: August 8, 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 349

Title: ***Memo re: Report of Significant Developments and Activities for the Week Ending October 2, 1998***

Location: AEM

Category: Site Update

Prepared by/Author: Robert Springer, Director,

**Preparer/Author
Address:** US EPA Region V
Waste, Pesticides and Toxics Division
<http://www.epa.gov/reg5rcra/wptdiv/oct2.htm>

Prepared For:

Date Published: October 6, 1998

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 350

Title: ***Lake Michigan Areas of Concern - Lower Menominee River***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V and Wisconsin Department of Natural Resources

**Preparer/Author
Address:** <http://www.epa.gov/grtlakes/lakemich/aocsf.html>

Prepared For:

Date Published: Undated

**Key Words and
Phrases:**

REFERENCES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Reference Type: B

ReferenceID: 351

Title: ***Lower Menominee River -Areas of Concern
(Excerpted from: Progress in Great Lakes Remedial Action
Plans, 1994)***

Location: AEM

Category: Site Update

Prepared by/Author: Center for International Earth Science Information Network and US EPA
Region V

**Preparer/Author
Address:** http://epaserver.ciesin.org/gltreis/nonpo/nprog/aoc_rap/michigan/menominee-home.html

Prepared For:

Date Published: 1994

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 352

Title: ***A Summary of Contaminated Sediment Activities within the United
States - Menominee River***

Location: AEM

Category: Site Update

Prepared by/Author: Center for International Earth Science Information Network and US EPA
Region V

**Preparer/Author
Address:** http://epaserver.ciesin.org/gltreis/nonpo/nprog/aoc_rap/docs/AOCSEDwisconsin.html

Prepared For:

Date Published: August 1993

**Key Words and
Phrases:**

REFERENCES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Reference Type: B

ReferenceID: 780

Title: ***Realizing Remediation I - Great Lakes Contaminated Sediments
Menominee River - Ansul Fire and Protection Site
(see Reference A-905)***

Location: AEM

Category: Dredging: Remedial (Contaminated Sediments)

Prepared by/Author: US EPA Great Lakes National Program Office (GLNPO)

**Preparer/Author
Address:** 77 West Jackson Boulevard (G-17J)
Chicago, IL 60604

Prepared For: General Public

Date Published: August 1, 2002

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 836

Title: ***Realizing Remediation II - Updated Summary:
Menominee River - Ansul Incorporated
(see Reference A-907)***

Location: AEM

Category: Dredging: Remedial (Contaminated Sediments)

Prepared by/Author: US EPA Great Lakes National Program Office (GLNPO)

**Preparer/Author
Address:** 77 West Jackson Boulevard (G-17J)
Chicago, IL 60604

Prepared For: General Public

Date Published: July 2000

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1091

Title: ***Lower Menominee River***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: 1999 circa

**Key Words and
Phrases:**

REFERENCES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Reference Type: C

ReferenceID: 521

Title: ***Ansul Fire Protection 8th Street Slip - Action to Address Arsenic Contamination in Menominee River, Wisconsin***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Contaminated Sediment News (CSN), No. 23

Date Published: 1999 Spring

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 590

Title: ***Sediment Remediation Can Improve Great Lakes Water Quality***

Location: AEM

Category: Miscellaneous

Prepared by/Author: (1) John H. Hartig, (2) Lisa Maynard, (3) Michael A. Zarull, (4) Gail Krantzberg

**Preparer/Author
Address:** (1) Greater Detroit American Heritage River Institute
Detroit, MI

(2) International Joint Commission
Windsor, Ontario, Canada

(3) National Water Research Institute
Burlington, Ontario, Canada

(4) Ontario Ministry of Environment

Prepared For: Water Environment & Technology (WE&T)

Date Published: October 1999

**Key Words and
Phrases:**

REFERENCES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Reference Type: E

ReferenceID: 81

Title: ***An Overview of Bottom Sediment Problems in Saginaw River and Bay, Marinette-Menominee Harbor, and Waukegan Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: Karl E. Bremer

Preparer/Author Address: US EPA Region V
Chicago, IL 60604

Prepared For: Proceedings of Third U.S. - Japan Experts Meeting (EPA 600/3-78-084 9/78)

Date Published: September 1978

Key Words and Phrases:

Reference Type: H

ReferenceID: 24

Title: ***Contract Drawings: 8th Street Slip Cap Project***

Location: AEM

Category: Remedial Design

Prepared by/Author: URS Corporation

Preparer/Author Address:

Prepared For: Tyco Supression Systems - Ansul, Stanton Street Facility, Marinette County, WI

Date Published: August 8, 2001

Key Words and Phrases:

Reference Type: T

ReferenceID: 22

Title: ***Bimonthly Progress and Monthly Status Reports***

Location: AEM

Category: Site Update

Prepared by/Author: Ansul Incorporated and URS Corporation

Preparer/Author Address:

Prepared For: US EPA Region V

Date Published: August 1998 to October 2002

Key Words and Phrases:

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 639
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	chlordanne	
<i>Species:</i>	sturgeon-lake	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 646
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	chlordanne	
<i>Species:</i>	whitefish-lake	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 641
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	chlordane	
<i>Species:</i>	whitefish-lake	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 651
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	dioxin	
<i>Species:</i>	whitefish-lake	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 649
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: mercury
Species: walleye
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 642
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: mercury
Species: walleye
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 637
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	pike-northern	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 638
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	salmon-chinook	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 640
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: sturgeon-lake
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 643
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: trout-brown
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 644
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: walleye
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 647
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: walleye
Population: RGP
Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 648
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: walleye
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 645
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: whitefish-lake
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 650
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	whitefish-lake	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 338
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-white	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 339
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	carp-common	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 340
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	pike-northern	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Rescinded	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 341
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: sturgeon-lake
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 342
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: trout-brook
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Rescinded ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 343
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: trout-brown
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 344
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: trout-brown
Population: RGP
Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 345
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: trout-brown
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 346
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: trout-rainbow
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Rescinded ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 347
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-splake	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 348
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-splake	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 349
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-splake	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 350
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	walleye	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 353
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: whitefish-lake
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 354
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: dioxin
Species: whitefish-lake
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 355
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	dioxin	
<i>Species:</i>	whitefish-lake	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 356
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	mercury	
<i>Species:</i>	walleye	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 357
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: sucker-white
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 358
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: burbot
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: Great Lake ***Advisory Number:*** 234
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 359
<i>Extent:</i>	South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-rainbow	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 360
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-splake	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 363
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: mercury
Species: walleye
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 626
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: salmon-chinook
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Rescinded ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 627
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-lake	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 628
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-lake	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 629
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-white	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 630
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	carp-common	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 631
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	catfish-channel	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
<hr/>		
<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 632
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	catfish-channel	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Lake Michigan ***AdvisoryID:*** 633
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: perch-white
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Lake Michigan ***AdvisoryID:*** 634
Extent: Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter
Pollutant: PCBs (total)
Species: perch-white
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

Advisory Type: Great Lake ***Advisory Number:*** 234

Status (Active or Rescinded): Active ***Date Rescinded:***

Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Lake Michigan	<i>AdvisoryID:</i> 636
<i>Extent:</i>	Green Bay South of Cedar River, applies to MI waters including Menominee and Cedar Rivers below first dam and any tributaries into which migratory species enter	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	perch-yellow	
<i>Population:</i>	RSP	
<i>Population Definition:</i>	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
<i>Advisory Type:</i>	Great Lake	<i>Advisory Number:</i> 234
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Menominee River	<i>AdvisoryID:</i> 351
<i>Extent:</i>	Marinette Co.	
<i>Pollutant:</i>	mercury	
<i>Species:</i>	sturgeon-lake	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2226
<i>Status (Active or Rescinded):</i>	Rescinded	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
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<i>Advisory:</i>	Menominee River	<i>AdvisoryID:</i> 352
<i>Extent:</i>	Marinette Co.	
<i>Pollutant:</i>	mercury	
<i>Species:</i>	sturgeon-lake	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2226
<i>Status (Active or Rescinded):</i>	Rescinded	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Menominee River

AdvisoryID: 591

Extent: Below first dam

Pollutant: PCBs (total)

Species: bass-white

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

Advisory: Menominee River

AdvisoryID: 592

Extent: Below first dam

Pollutant: PCBs (total)

Species: carp-common

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

Advisory: Menominee River

AdvisoryID: 593

Extent: Below first dam

Pollutant: PCBs (total)

Species: pike-northern

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Menominee River

AdvisoryID: 594

Extent: Below first dam

Pollutant: PCBs (total)

Species: salmon-chinook

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

Advisory: Menominee River

AdvisoryID: 595

Extent: Below first dam

Pollutant: PCBs (total)

Species: sturgeon-lake

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

Advisory: Menominee River

AdvisoryID: 596

Extent: Below first dam

Pollutant: PCBs (total)

Species: trout-brook

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

<i>Advisory:</i>	Menominee River	<i>AdvisoryID:</i> 597
<i>Extent:</i>	Below first dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-brown	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 3347
<i>Status (Active or Rescinded):</i>	Rescinded	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Menominee River	<i>AdvisoryID:</i> 598
<i>Extent:</i>	Below first dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-brown	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 3347
<i>Status (Active or Rescinded):</i>	Rescinded	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834
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<i>Advisory:</i>	Menominee River	<i>AdvisoryID:</i> 599
<i>Extent:</i>	Below first dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	trout-brown	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 3347
<i>Status (Active or Rescinded):</i>	Rescinded	<i>Date Rescinded:</i>
<i>Contact Name:</i>	David R. Wade	<i>Contact Number:</i> 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Menominee River

AdvisoryID: 600

Extent: Below first dam

Pollutant: PCBs (total)

Species: trout-rainbow

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

Advisory: Menominee River

AdvisoryID: 601

Extent: Below first dam

Pollutant: PCBs (total)

Species: trout-splake

Population: RGP

Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

Advisory: Menominee River

AdvisoryID: 602

Extent: Below first dam

Pollutant: PCBs (total)

Species: trout-splake

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 3347

Status (Active or Rescinded): Rescinded

Date Rescinded:

Contact Name: David R. Wade

Contact Number: 517-335-8834

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Menominee River ***AdvisoryID:*** 603
Extent: Below first dam
Pollutant: PCBs (total)
Species: trout-splake
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: River ***Advisory Number:*** 3347
Status (Active or Rescinded): Rescinded ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Menominee River ***AdvisoryID:*** 604
Extent: Below first dam
Pollutant: PCBs (total)
Species: walleye
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.
Advisory Type: River ***Advisory Number:*** 3347
Status (Active or Rescinded): Rescinded ***Date Rescinded:***
Contact Name: David R. Wade ***Contact Number:*** 517-335-8834

Advisory: Menominee River ***AdvisoryID:*** 608
Extent: At Lower Scott Flowage, Marinette Co.
Pollutant: mercury
Species: bass-rock
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.
Advisory Type: River ***Advisory Number:*** 1089
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Menominee River ***AdvisoryID:*** 609
Extent: At Lower Scott Flowage, Marinette Co.
Pollutant: mercury
Species: walleye
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River ***Advisory Number:*** 1089
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Menominee River ***AdvisoryID:*** 610
Extent: At Lower Scott Flowage, Marinette Co.
Pollutant: mercury
Species: walleye
Population: NCSP
Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

Advisory Type: River ***Advisory Number:*** 1089
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Menominee River ***AdvisoryID:*** 611
Extent: At Lower Scott Flowage, Marinette Co.
Pollutant: mercury
Species: bass-rock
Population: RGP
Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.

Advisory Type: River ***Advisory Number:*** 1089
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name **MENOMINEE RIVER**

ProjectID: 05-24

Advisory: Menominee River

AdvisoryID: 612

Extent: At Lower Scott Flowage, Marinette Co.

Pollutant: mercury

Species: walleye

Population: RGP

Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.

Advisory Type: River

Advisory Number: 1089

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Candy Schrank

Contact Number: 608-267-7614

Advisory: Menominee River

AdvisoryID: 613

Extent: At Lower Scott Flowage, Marinette Co.

Pollutant: mercury

Species: walleye

Population: RSP

Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.

Advisory Type: River

Advisory Number: 1089

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Candy Schrank

Contact Number: 608-267-7614
