

## **GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS**

<b>Project Name</b>	<u><b>ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER - PROJECT 3 (Lower River)</b></u>	<b>ProjectID:</b> 05-37
<b>Last Updated:</b>	08/24/04	
<b>City:</b>	Allegan, Douglas, Saugatuck	
<b>County:</b>	Allegan	
<b>State:</b>	MI	
<b>Country:</b>	USA	
<b>Bodies of Water:</b>	Kalamazoo River from Allegan Dam to Lake Michigan	
<b>US EPA Region:</b>	V	
<b>Status (Active, Complete, or Monitoring Only):</b>	Active	
<b>Date On NPL:</b>	1990	
<b>ROD/ESD Date:</b>	None	
<b>Operable Unit:</b>	OU-5	
<b>Areas of Concern (length or acres):</b>	<p>The Superfund Site originally included the three-mile sector of Portage Creek from Cork Street just above Bryant Mill Pond to its confluence with the Kalamazoo River and a 35-mile stretch of the Kalamazoo River from this confluence to Allegan City Dam in Allegan, Michigan. Because PCB contamination was found in sediment both downstream and upstream of this river sector, in July 1991 the MDNR directed the PRPs to address these additional upstream and downstream areas in the RI (this followed submittal of the first draft RI/FS work plan). The Superfund investigation was expanded to include the 80 miles of Kalamazoo River from Morrow Dam in Comstock, Michigan to Lake Michigan, as well as the three-mile sector of Portage Creek. The river is being investigated in two phases, Phase I consisting of the Upper River from Morrow Dam to Allegan Dam in addition to the three-mile sector of Portage Creek and the Lower River, to be investigated as Phase II (this project, ID 05-37). The 80-mile stretch of the river from Morrow Dam to Lake Michigan is designated as a Great Lakes Area of Concern.</p>	
<b>Other Characteristics of Water Body:</b>	<p>Average flow in the Kalamazoo River is about 900 cfs at Comstock near the Allied Paper facility, increasing to about 1,500 cfs 35 miles downstream, below the Allegan Dam. Between Morrow Dam and Lake Michigan the river is an alternating series of free-flowing sections, with three existing impoundments and three former impoundments. The river includes a variety of hydrologic regimes, including areas of braided channels, rocky rapids, wetlands, and open, impounded water. Other than wetlands, there is relatively little floodplain. Average flow in Portage Creek is about 50 cfs. For the great majority of its 80-mile length, the Kalamazoo River ranges between 175-450 feet in width (typically 200 feet for most of the river), and extends to about 1,500 feet wide at Lake Allegan. Average water depths range from 2.5-7 feet.</p> <p>The Lower River is 26 miles in length starting at Allegan Dam and ending at Lake Michigan. The average width (excluding Kalamazoo Lake) is 100 feet with a range of 50 to 150 feet. The average water depth is 7.3 feet, with some areas as deep as 18 feet. The bottom consists mostly of sand. The river banks are relatively low (2 to 6 feet in height) and have extensive floodplains along the main channel.</p> <p>Seven dams are present in the Kalamazoo River, and one dam is present in Portage Creek within the designated site boundaries. Three dams in the river are owned by the State, and have been dismantled down to the sills. A small dam present on Portage Creek at the upstream end of the site does not impound a significant volume of PCB-containing sediments since completion of a Removal Action in 1999 (Project ID 05-01).</p>	
<b>Contaminants of Concern:</b>	PCBs (1242/1254)	

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**Source of Contamination:** PCBs were historically used as a solvent for dyes used in the manufacture of carbonless copy paper. PCBs were discharged to the river in process wastewater from de-inking and/or repulping of carbonless copy paper for recycling at former paper-recycling facilities located along the river. In addition, PCBs reportedly continue to discharge through surface water runoff from five disposal areas located adjacent to the river. The disposal areas reportedly contain millions of cubic yards of PCB-contaminated paper residuals. Other industries in the watershed also used PCBs.

**Contaminated Area**  
**Physical Characteristics:** In 1983, the MDNR estimated that there were 227,910 pounds of PCBs in the sediments surrounding Bryant Mill Pond; the Plainwell, Otsego, and Trowbridge impoundments; and Lake Allegan. In the 1990 AOC, the MDEQ estimated that there were "about 200,000 pounds of PCBs in the sediments in and adjacent to Portage Creek and the Kalamazoo River at this site." In the 1991 Preliminary Health Assessment, the ATSDR stated "the total mass of PCBs in river sediments, including Lake Allegan, has been estimated at 350,000 pounds."

**Type of Regulatory Action:** Superfund. Final. USEPA-Lead

**Overall Status Summary:** The Superfund site originally comprised the Allied Paper property, a 3-mile stretch of Portage Creek to its confluence with the Kalamazoo River, and the 35-mile stretch of the Kalamazoo River from its confluence with Portage Creek to Allegan City Dam. The length of river being investigated was subsequently expanded by MDEQ to include the sector of river upstream to Morrow Dam and the sector of river downstream to Lake Michigan. After the Fox River, EPA reports that the Kalamazoo River deposits the highest annual load of PCBs into Lake Michigan. In December 1990, the state of Michigan entered into an Administrative Order by Consent (AOC) with Allied Paper, Inc. and its parent company, Millennium Holdings, Inc.; Georgia-Pacific Corporation; and Plainwell, Inc. (collectively known as the Kalamazoo River Study Group [KRSRG]). The AOC required that these companies undertake an RI/FS, a process that is ongoing. In addition, Fort James Corporation (now Georgia-Pacific) agreed to participate in the RI/FS.

To better manage the investigation and remedy selection process, the river has been divided at the Allegan Dam into the Upper and Lower River. The Upper and Lower Rivers will be addressed as Phase I and Phase II, respectively, as the investigation and remedy selection processes proceed. This report addresses the Phase II project, the section of the river below Allegan Dam. The Phase I project which addresses the Upper River is described in MCSS Database Project ID 05-37.

Five paper waste landfills, all located in the Upper River, are specifically targeted as sources of PCBs to the river. PCB-contaminated paper-making residuals which were disposed of in the landfills are considered a continuing source of PCBs to the river. Because the five landfills represent potential PCB sources to the river, they are being addressed as four separate operable units for source control purposes prior to addressing in-river sediments. The OUs are: OU-1: Allied Paper Property/Bryant Mill Pond Area; OU-2: Willow Boulevard/A-Site; OU-3: King Highway Landfill; and OU-4: 12th Street Landfill. In addition, the 3 miles of Portage Creek and the Kalamazoo River are being investigated as a separate operable unit, OU-5.

Seven dams are present in the Upper River (upstream to downstream): Plainwell No. 2 Dam; Plainwell Dam; Otsego City Dam; Otsego Dam; Trowbridge Dam; Allegan City Dam; and Allegan Dam. Three of the dams are state-owned, having been purchased from Consumers Power in the 1960s. The three state-owned dams, Plainwell, Otsego, and Trowbridge, do not have locks and all have been dismantled down to the sills. Both the Plainwell No. 2 Dam and Otsego City Dam were also partially removed. Consumers Energy owns the Allegan Dam and

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08/24/04

operates it as an active hydroelectric facility. A single dam exists in Portage Creek within the designated site boundaries. The Allegan City Dam no longer produces hydroelectric power, however, at the request of the City of Allegan the water level has not been significantly lowered to allow for ongoing recreational use of the impoundment.

The remaining portions of the three state-owned dams are being maintained in place due in part to the accumulation of sediments behind them. Additionally, lowering the dams down to their sills reduced the water level in the impoundments, exposing PCB-contaminated bank soils and floodplain soils that historically were under water. MDEQ continues to evaluate whether the dams should be completely removed or remain in-place in their current condition. To further evaluate the impact of dam removal on the river, MDEQ commissioned a study to model the river to evaluate river flow characteristics with and without the dams in-place.

The PRPs, with MDEQ oversight, have continued to investigate the land-based sites and the river since 1993. During that period, remediation was completed for a portion of OU-1 (Bryant Mill Pond – Project ID 05-01). MDEQ is continuing to work on the RI/FS for the remainder of OU-1. For OU-2, USEPA is awaiting approval by MDEQ of the final RI/FS; USEPA plans to issue a proposed plan once the RI/FS is approved. RODs were signed for OU-3 in 1998 and for OU-4 in 2001. Closure and capping of the King Highway landfill (OU-3) is complete; MDEQ will continue to oversee groundwater monitoring and maintenance of the remedy. USEPA is working with PRPs at OU-4 to install a protective cover and groundwater monitoring wells. One contentious issue between the MDEQ, citizen groups, and the PRPs is the disposition of 1,400 core samples collected from the river for physical characterization purposes in 1993. These have been preserved (frozen) since that time; MDEQ was to make a decision by Summer 1999 as to whether these would be analyzed for PCBs. Reportedly, MDEQ requested that further analysis be performed; the analysis has yet to be performed.

See MCSS Database Project ID 05-25 for additional information on the Phase I Upper River project.

**Remedial Action Planned:** ☐

**Risk Assessment:** ☐

**Remedial Action Implemented:** ☐

**Status of Dredging** ☐

**PRPs:** ☒

**Contacts:** ☒

**References:** ☒

**Modeling:** ☐

**Fishing Advisory:** ☒

**Key Conditions:** extended (> 1 mile) river, Great Lakes AOC, hydrodynamic modeling

**POTENTIALLY RESPONSIBLE PARTIES**

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**PRP Name:** PRP INFORMATION NOT RELEASED

**PRPID:**

**Street Address:**

**City:**

**State:**

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## **KEY CONTACTS**

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

***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:***

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## REFERENCES

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**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:**

A

**ReferenceID:** 682

**Title:**

***Fact Sheet #1 - Treatability Study on Field Screening Technologies for Analysis of PCBs at the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

Michigan Department of Natural Resources

**Preparer/Author  
Address:**

Environmental Response Division - Superfund Section  
Box 30426  
Lansing, MI 48909

**Prepared For:**

General Public

**Date Published:**

October 14, 1992

**Key Words and  
Phrases:**

---

**Reference Type:**

A

**ReferenceID:** 683

**Title:**

***Fact Sheet #2 - Air Monitoring - Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

Michigan Department of Natural Resources

**Preparer/Author  
Address:**

Environmental Response Division - Superfund Section  
Box 30426  
Lansing, MI 48909

**Prepared For:**

General Public

**Date Published:**

July 1993

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** A

**ReferenceID:** 684

**Title:** ***Fact Sheet #7 - Kalamazoo River Remedial Investigation - Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author Address:** Environmental Response Division - Superfund Section  
Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** July 1993

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 685

**Title:** ***Description of the Current Situation***

**Location:** BBL

**Category:** Site Update

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group (KRSG)

**Date Published:** July 1992

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** A **ReferenceID:** 686  
**Title:** *Work Plan, Field Sampling Plan, Quality Assurance Project Plan,  
Health and Safety Plan, and Data Management Plan*  
**Location:** BBL  
**Category:** Contaminated Sediments: Investigation/Delineation  
**Prepared by/Author:** Blasland, Bouck & Lee, Inc  
**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214  
**Prepared For:** Kalamazoo River Study Group (KRSG)  
**Date Published:** July 1993  
**Key Words and  
Phrases:**

---

**Reference Type:** A **ReferenceID:** 687  
**Title:** *Tech Memo 2: Results of Phase I TBSA Soil Sampling;  
Addendum to Tech Memo 2: Results of the Phase II TBSA Soil  
Sampling*  
**Location:** BBL  
**Category:** Site Update  
**Prepared by/Author:** Blasland, Bouck & Lee, Inc  
**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214  
**Prepared For:** Kalamazoo River Study Group (KRSG)  
**Date Published:** February 1994; April 2000  
**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** A

**ReferenceID:** 688

**Title:** *Tech Memo 3: Results of the Floodplain Soils Investigation;  
Addendum to Tech Memo 3*

**Location:** BBL

**Category:** Site Update

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group (KRSG)

**Date Published:** February 1994; September 1996

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 689

**Title:** *Draft Tech Memo 10: Sediment Characterization/Geostatistical  
Pilot Study*

**Location:** BBL

**Category:** Site Update

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group (KRSG)

**Date Published:** July 1994

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** A

**ReferenceID:** 690

**Title:** *Draft Tech Memo 12: Former Impoundment Sediment and  
Geochronologic Dating Investigation*

**Location:** BBL

**Category:** Site Update

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group (KRSG)

**Date Published:** May 1994

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 691

**Title:** *Draft Tech Memo 14: Biota Investigation; Draft Addendum 1 to  
Tech Memo 14; Draft Addendum 2 to Tech Memo 14; Draft  
Addendum 3 to Tech Memo 14*

**Location:** BBL

**Category:** Site Update

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group (KRSG)

**Date Published:** July 1994; November 1994; December 1995; June 1998

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** A **ReferenceID:** 692  
**Title:** *Draft Tech Memo 16: Surface Water Investigation*  
**Location:** BBL  
**Category:** Site Update  
**Prepared by/Author:** Blasland, Bouck & Lee, Inc  
**Preparer/Author Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214  
**Prepared For:** Kalamazoo River Study Group (KRSB)  
**Date Published:** March 1995  
**Key Words and Phrases:**

---

**Reference Type:** A **ReferenceID:** 693  
**Title:** *Problem Statement for Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Michigan Department of Environmental Quality  
**Preparer/Author Address:**  
**Prepared For:** General Public  
**Date Published:** 1995 circa  
**Key Words and Phrases:**

---

**Reference Type:** A **ReferenceID:** 694  
**Title:** *Status Report - Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Michigan Department of Environmental Quality  
**Preparer/Author Address:**  
**Prepared For:** General Public  
**Date Published:** June 9, 1997  
**Key Words and Phrases:**

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## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** A **ReferenceID:** 695  
**Title:** *Stage I Assessment Plan - Kalamazoo River Environmental Site*  
**Location:** AEM  
**Category:** Natural Resource Damages  
**Prepared by/Author:** Stratus Consulting, Inc.  
**Preparer/Author Address:** PO Box 4059  
Boulder, CO 80306-4059  
**Prepared For:** MDEQ, MDAG, USFWS, NOAA  
**Date Published:** November 2000  
**Key Words and Phrases:**

---

**Reference Type:** A **ReferenceID:** 696  
**Title:** *Administrative Record for Allied Paper, Kalamazoo, Michigan  
(Includes Updates #1 thru #5)*  
**Location:** AEM  
**Category:** Miscellaneous  
**Prepared by/Author:** US EPA Region V  
**Preparer/Author Address:**  
**Prepared For:** Distribution  
**Date Published:** May 4, 1999  
**Key Words and Phrases:**

---

**Reference Type:** A **ReferenceID:** 697  
**Title:** *Draft Phase I Remedial Investigation Report*  
**Location:** BBL  
**Category:** RI/FS  
**Prepared by/Author:** Blasland, Bouck & Lee, Inc.  
**Preparer/Author Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214  
**Prepared For:** Kalamazoo River Study Group  
**Date Published:** October 2000  
**Key Words and Phrases:**

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## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** A

**ReferenceID:** 698

**Title:** ***Draft Phase I Feasibility Study Report***

**Location:** BBL

**Category:** RI/FS

**Prepared by/Author:** Blasland, Bouck & Lee, Inc.

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group

**Date Published:** October 2000

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 699

**Title:** ***Supplement to the RI/FS***

**Location:** BBL

**Category:** RI/FS

**Prepared by/Author:** Blasland, Bouck & Lee, Inc.

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Kalamazoo River Study Group

**Date Published:** October 2000

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 701

**Title:** ***Addendum to Ecological Risk Assessment***

**Location:** AEM

**Category:** Risk Assessment

**Prepared by/Author:** Camp Dresser & McKee, Inc.

**Preparer/Author  
Address:** One Woodward Avenue, Suite 1500  
Detroit, MI 48226

**Prepared For:** MDEQ - Environmental Response Division

**Date Published:** August 15, 2000

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:**

A

**ReferenceID:** 703

**Title:**

**Long Term Monitoring Plan - TOC (full document at  
<http://deq.state.mi.us/erd/k-zoo/ltmp.htm>)**

**Location:**

AEM

**Category:**

Monitoring Plan/Report

**Prepared by/Author:**

Camp Dresser & McKee, Inc. (CDM)

**Preparer/Author  
Address:**

One Woodward Avenue, Suite 1500  
Detroit, MI 48226

**Prepared For:**

MDEQ

**Date Published:**

September 1999

**Key Words and  
Phrases:**

---

**Reference Type:**

A

**ReferenceID:** 786

**Title:**

**Final (Revised) Baseline Ecological Risk Assessment**

**Location:**

AEM

**Category:**

Risk Assessment

**Prepared by/Author:**

CDM

**Preparer/Author  
Address:**

One Woodward Avenue, Suite 1500  
Detroit, MI 48226

**Prepared For:**

Michigan DEQ, Environmental Response Division

**Date Published:**

January 2002

**Key Words and  
Phrases:**

---

**Reference Type:**

A

**ReferenceID:** 787

**Title:**

**Final (Revised) Human Health Risk Assessment**

**Location:**

AEM

**Category:**

Risk Assessment

**Prepared by/Author:**

CDM

**Preparer/Author  
Address:**

One Woodward Avenue, Suite 1500  
Detroit, MI 48226

**Prepared For:**

Michigan DEQ, Environmental Response Division

**Date Published:**

January 2002

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** A

**ReferenceID:** 898

**Title:** *Preliminary Health Assessment for: Allied Corp Kalamazoo Plant*

**Location:** AEM

**Category:** Risk Assessment

**Prepared by/Author:** Michigan Department of Public Health and U.S Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** December 23, 1991

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 1041

**Title:** *Dereliction of Duty*

**Location:** AEM

**Category:** Miscellaneous

**Prepared by/Author:** (1) Detroiters Working for Environmental Justice, (2) Ecology Center, (3) Friends of the Detroit River, (4) Groundwork for a Just World, (5) Guide Law Center, NLG/Sugar Law Center, (6) Hamtramck Environmental Action Team (HEAT), (7) Lake Michigan Federation, (8) Lone Tree Council, (9) Michigan Environmental Council, (10) Michigan Environmental Justice Coalition, (11) Michigan Land Use Institute, (12) Northern Michigan Environmental Action Council, (13) Preserve the Dunes, (14) Sierra Club, Mackinac Chapter

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** October 5, 2000

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** B **ReferenceID:** 526  
**Title:** *Allied Paper, Inc./Portage Creek/Kalamazoo River Fact Sheet*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** US EPA Region V  
**Preparer/Author Address:** 77 West Jackson Blvd.  
Chicago, IL 60604  
**Prepared For:** General Public  
**Date Published:** November 2000  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 580  
**Title:** *EPA Addresses Questions on Kalamazoo River*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Eric Kerney  
**Preparer/Author Address:**  
**Prepared For:** River Rap 2001  
**Date Published:** 2001 Winter  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 581  
**Title:** *Kalamazoo River Fishing and Recreation Guide*  
**Location:** AEM  
**Category:** Miscellaneous  
**Prepared by/Author:** Michigan Department of Community Health  
Community Public Health Agency  
Health Risk Assessment Division  
**Preparer/Author Address:** P.O. Box 30195  
Lansing, MI 48909-9802  
**Prepared For:** General Public  
**Date Published:** September 1996  
**Key Words and Phrases:**

---



## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 582

**Title:** *Progress Report #1 - General Update*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** October 5, 1990

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 583

**Title:** *Progress Report #2 - General Update*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** November 16, 1990

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 584

**Title:** *Progress Report #3 - General Update*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** February 20, 1991

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** B  
**Title:** *Progress Report #4 - General Update*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Michigan Department of Natural Resources  
**Preparer/Author Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909  
**Prepared For:** General Public  
**Date Published:** January 2, 1992  
**Key Words and Phrases:**

---

**ReferenceID:** 585

**Reference Type:** B  
**Title:** *Progress Report #5 - General Update*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Michigan Department of Natural Resources  
**Preparer/Author Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909  
**Prepared For:** General Public  
**Date Published:** August 28, 1992  
**Key Words and Phrases:**

---

**ReferenceID:** 586

**Reference Type:** B  
**Title:** *Progress Report #6 - General Update*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Michigan Department of Natural Resources  
**Preparer/Author Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909  
**Prepared For:** General Public  
**Date Published:** February 4, 1993  
**Key Words and Phrases:**

---

**ReferenceID:** 587

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 588

**Title:** **Progress Report #7 - General Update**

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** February 4, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 589

**Title:** **Progress Report #8 - Remedial Investigation Underway; Site  
Testing Begins**

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** August 2, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 590

**Title:** **Progress Report #9 - General Update**

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** May 25, 1993

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 591

**Title:** *Progress Report #10 - Initial Phase of OU Remedial Investigation  
Completed Ahead of Schedule*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** October 29, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 592

**Title:** *Progress Report #11 - Remedial Investigation Now Into Technical  
Memoranda Result Reporting Stage*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan Department of Natural Resources

**Preparer/Author  
Address:** Environmental Response Division - Superfund Section  
P.O. Box 30426  
Lansing, MI 48909

**Prepared For:** General Public

**Date Published:** April 8, 1994

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** B **ReferenceID:** 593  
**Title:** *EPA National Priorities List: Allied Paper, Inc. / Portage Creek / Kalamazoo River*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** US EPA Hq  
**Preparer/Author Address:** Internet Website  
**Prepared For:** General Public  
**Date Published:** March 1996  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 594  
**Title:** *The Kalamazoo River Update (Newsletter)*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Kalamazoo River Protection Association  
**Preparer/Author Address:**  
**Prepared For:** General Public  
**Date Published:** 1998 Spring/Summer  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 595  
**Title:** *Information Repository Table of Contents*  
**Location:** AEM  
**Category:** Miscellaneous  
**Prepared by/Author:**  
**Preparer/Author Address:**  
**Prepared For:** General Public  
**Date Published:** August 1997  
**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** B **ReferenceID:** 596  
**Title:** *Table 3-1: Summary of Observed Field Measurements by River Segments*  
**Location:** AEM  
**Category:** RI/FS  
**Prepared by/Author:** Blasland, Bouck & Lee, Inc.  
**Preparer/Author Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214  
**Prepared For:** General Public  
**Date Published:** April 8, 1994  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 597  
**Title:** *Meeting Handouts: Superfund Process Overview; List of Information Repositories; Target Compound List / Target Analyte List: Progress Reports #1 thru #13*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Michigan Department of Environmental Quality  
**Preparer/Author Address:**  
**Prepared For:** General Public  
**Date Published:** 1995-96 circa  
**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** B **ReferenceID:** 598  
**Title:** *Itemized Cost Summary - Allied Paper, MI Superfund Site #9B*  
**Location:** AEM  
**Category:** Cost Summary Reports  
**Prepared by/Author:** US EPA Region V  
**Preparer/Author Address:**  
**Prepared For:** Distribution  
**Date Published:** November 19, 1996  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 599  
**Title:** *Spotlight On: Allied Paper, Inc./Portage Creek/Kalamazoo River Site*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Susan Pastor  
**Preparer/Author Address:** US EPA Region V  
**Prepared For:** Fox River Current  
**Date Published:** January/February 2001  
**Key Words and Phrases:**

---

**Reference Type:** B **ReferenceID:** 600  
**Title:** *Michigan 2001 Fish Advisory*  
**Location:** AEM  
**Category:** Fish/Biota  
**Prepared by/Author:** Michigan Department of Community Health  
**Preparer/Author Address:** <http://www.mdch.state.mi.us/pha/fish/fishadvisory.pdf>  
**Prepared For:** General Public  
**Date Published:** March 2001  
**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 725

**Title:** ***EPA Update: Allied Paper/Portage Creek/Kalamazoo River  
Superfund Site***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region V

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** August 2002

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 786

**Title:** ***Realizing Remediation I - Great Lakes Contaminated Sediments  
Kalamazoo River - Allied Paper  
(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:**

---



## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 817

**Title:** *Realizing Remediation II - Updated Summary:  
Kalamazoo River - Allied Paper (Project 3)  
(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:** 878

**Title:** *Memo re: CSTAG Recommendations on the Allied Paper,  
Inc./Portage Creek/Kalamazoo River Superfund Site  
(see also Reference B-880)*

**Location:** AEM

**Category:** Contaminated Sediments: Management Issues

**Prepared by/Author:** Stephen J. Ells and Judith McCulley

**Preparer/Author  
Address:** US EPA  
Contaminated Sediments Technical Advisory Group (CSTAG)  
Washington, DC 20460

**Prepared For:**

**Date Published:** June 26, 2002

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 880

**Title:** ***Memo re: CSTAG Recommendations on the Allied Paper,  
Inc./Portage Creek/Kalamazoo River Superfund Site  
(see also Reference B-878)***

**Location:** AEM

**Category:** Contaminated Sediments: Management Issues

**Prepared by/Author:** Shari Kolak

**Preparer/Author  
Address:** Remedial Project Manager  
US EPA Region V  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

**Prepared For:** Stephen J. Ells and Judith McCulley  
US EPA  
Contaminated Sediments Technical Advisory Group (CSTAG)  
Washington, DC 20460

**Date Published:** November 20, 2002

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 1059

**Title:** ***Kalamazoo River Cleanup Decisions on Hold***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region V

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** June 2004

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** B

**ReferenceID:** 1128

**Title:** *Allied Paper, Inc / Portage Creek / Kalamazoo River Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Michigan DEQ

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** 2004 circa

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 737

**Title:** *Michigan to Give Up Lead of Kalamazoo River Cleanup*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Hazardous Waste/Superfund Week

**Date Published:** July 30, 2001

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 781

**Title:** *Allied anticipates several caps*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Superfund Week

**Date Published:** January 2, 1998

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Reference Type:** C

**ReferenceID:** 782

**Title:** *Allied Paper gets another plan*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Superfund Week

**Date Published:** August 8, 1998

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 783

**Title:** *Mich. proposes to expand Allied Paper cleanup*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Superfund Week

**Date Published:** July 18, 1997

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 784

**Title:** *EPA Scans Remedial Documents for Allied Paper/Portage Creek*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Hazardous Waste/Superfund Week

**Date Published:** February 19, 2001

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)

**ProjectID:** 05-37

**Reference Type:** H

**ReferenceID:** 31

**Title:** *Kalamazoo River Superfund Site, Michigan*

**Location:** AEM

**Category:** Miscellaneous

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:**

**Date Published:** Undated

**Key Words and  
Phrases:**

---

**Reference Type:** L

**ReferenceID:** 157

**Title:** *Letter re: Kalamazoo River Public Meeting and Visit to Other  
River Sites in Michigan (Pine, Saginaw, and Shiawassee Rivers)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:** Malvern, PA 19355

**Prepared For:** Distribution

**Date Published:** December 30, 1998

**Key Words and  
Phrases:**

---

**Reference Type:** M

**ReferenceID:** 51

**Title:** *Letter re: removal techniques*

**Location:** AEM

**Category:** Dredging: Remedial (Contaminated Sediments)

**Prepared by/Author:** Ray Bergeron

**Preparer/Author  
Address:** Cable Arm, Inc.

**Prepared For:** Barry Shukla (CDM)

**Date Published:** July 5, 1999

**Key Words and  
Phrases:**

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## ***FISH ADVISORIES***

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

<b>Advisory:</b>	Kalamazoo River	<b>AdvisoryID:</b> 798
<b>Extent:</b>	Below Allegan Dam	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	carp-common	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	River	<b>Advisory Number:</b> 241
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
<hr/>		
<b>Advisory:</b>	Kalamazoo River	<b>AdvisoryID:</b> 799
<b>Extent:</b>	Below Allegan Dam	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	catfish	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	River	<b>Advisory Number:</b> 241
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
<hr/>		
<b>Advisory:</b>	Kalamazoo River	<b>AdvisoryID:</b> 800
<b>Extent:</b>	Below Allegan Dam	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	pike-northern	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	River	<b>Advisory Number:</b> 241
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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## ***FISH ADVISORIES***

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

<b><i>Advisory:</i></b>	Kalamazoo River	<b><i>AdvisoryID:</i></b> 801
<b><i>Extent:</i></b>	Below Allegan Dam	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	all fish except banned species	
<b><i>Population:</i></b>	RSP	
<b><i>Population Definition:</i></b>	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.	
<b><i>Advisory Type:</i></b>	River	<b><i>Advisory Number:</i></b> 241
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<hr/>		
<b><i>Advisory:</i></b>	Kalamazoo River	<b><i>AdvisoryID:</i></b> 541
<b><i>Extent:</i></b>	Below Allegan Dam	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	bass-largemouth	
<b><i>Population:</i></b>	NCSP	
<b><i>Population Definition:</i></b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b><i>Advisory Type:</i></b>	River	<b><i>Advisory Number:</i></b> 241
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<hr/>		
<b><i>Advisory:</i></b>	Kalamazoo River	<b><i>AdvisoryID:</i></b> 542
<b><i>Extent:</i></b>	Below Allegan Dam	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	bass-largemouth	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	River	<b><i>Advisory Number:</i></b> 241
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834

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## ***FISH ADVISORIES***

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

<b><i>Advisory:</i></b>	Kalamazoo River	<b><i>AdvisoryID:</i></b> 543
<b><i>Extent:</i></b>	Below Allegan Dam	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	bass-smallmouth	
<b><i>Population:</i></b>	NCSP	
<b><i>Population Definition:</i></b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b><i>Advisory Type:</i></b>	River	<b><i>Advisory Number:</i></b> 241
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<hr/>		
<b><i>Advisory:</i></b>	Kalamazoo River	<b><i>AdvisoryID:</i></b> 544
<b><i>Extent:</i></b>	Below Allegan Dam	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	bass-smallmouth	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	River	<b><i>Advisory Number:</i></b> 241
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<hr/>		
<b><i>Advisory:</i></b>	Kalamazoo River	<b><i>AdvisoryID:</i></b> 545
<b><i>Extent:</i></b>	Below Allegan Dam	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	carp-common	
<b><i>Population:</i></b>	NCGP	
<b><i>Population Definition:</i></b>	No Consumption-General Population: Advise against consumption by the general population.	
<b><i>Advisory Type:</i></b>	River	<b><i>Advisory Number:</i></b> 241
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834

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## **FISH ADVISORIES**

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Advisory:** Kalamazoo River **AdvisoryID:** 546

**Extent:** Below Allegan Dam

**Pollutant:** PCBs (total)

**Species:** catfish

**Population:** NCGP

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

**Advisory Type:** River

**Advisory Number:** 241

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

**Date Rescinded:**

**Contact Name:** David R. Wade

**Contact Number:** 517-335-8834

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**Advisory:** Kalamazoo River

**AdvisoryID:** 547

**Extent:** Below Allegan 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:** 241

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

**Date Rescinded:**

**Contact Name:** David R. Wade

**Contact Number:** 517-335-8834

---

**Advisory:** Lake Michigan

**AdvisoryID:** 809

**Extent:** South of Frankfort; Including 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:** 2160

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

**Date Rescinded:**

**Contact Name:** David R. Wade

**Contact Number:** 517-335-8834

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)****ProjectID:** 05-37

**Advisory:** Lake Michigan **AdvisoryID:** 810  
**Extent:** South of Frankfort; Including 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:** 2160  
**Status (Active or Rescinded):** Active **Date Rescinded:**  
**Contact Name:** David R. Wade **Contact Number:** 517-335-8834

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**Advisory:** Lake Michigan **AdvisoryID:** 811  
**Extent:** South of Frankfort; Including 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:** 2160  
**Status (Active or Rescinded):** Active **Date Rescinded:**  
**Contact Name:** David R. Wade **Contact Number:** 517-335-8834

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**Advisory:** Lake Michigan **AdvisoryID:** 812  
**Extent:** South of Frankfort; Including tributaries into which migratory species enter  
**Pollutant:** PCBs (total)  
**Species:** whitefish-lake  
**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:** 2160  
**Status (Active or Rescinded):** Active **Date Rescinded:**  
**Contact Name:** David R. Wade **Contact Number:** 517-335-8834

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## ***FISH ADVISORIES***

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

**Advisory:** Lake Michigan **AdvisoryID:** 813  
**Extent:** South of Frankfort; Including tributaries into which migratory species enter  
**Pollutant:** PCBs (total)  
**Species:** trout-lake  
**Population:** NCGP  
**Population Definition:** No Consumption-General Population: Advise against consumption by the general population.

**Advisory Type:** Great Lake **Advisory Number:** 2160

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

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

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**Advisory:** Lake Michigan **AdvisoryID:** 814  
**Extent:** South of Frankfort; Including tributaries into which migratory species enter  
**Pollutant:** PCBs (total)  
**Species:** trout-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:** 2160

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

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

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**Advisory:** Lake Michigan **AdvisoryID:** 815  
**Extent:** South of Frankfort; Including tributaries into which migratory species enter  
**Pollutant:** PCBs (total)  
**Species:** trout-lake  
**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:** 2160

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

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

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## ***FISH ADVISORIES***

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 816
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	sturgeon-lake	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
<hr/>		
<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 817
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-lake	
<b>Population:</b>	RSP	
<b>Population Definition:</b>	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.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 818
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-brown	
<b>Population:</b>	NCGP	
<b>Population Definition:</b>	No Consumption-General Population: Advise against consumption by the general population.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)****ProjectID:** 05-37

<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 819
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-brown	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 820
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-brown	
<b>Population:</b>	RSP	
<b>Population Definition:</b>	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.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 821
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	carp-common	
<b>Population:</b>	NCGP	
<b>Population Definition:</b>	No Consumption-General Population: Advise against consumption by the general population.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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## **FISH ADVISORIES**

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

**ProjectID:** 05-37

<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 822
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	carp-common	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 823
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	catfish	
<b>Population:</b>	NCGP	
<b>Population Definition:</b>	No Consumption-General Population: Advise against consumption by the general population.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 824
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	catfish	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)****ProjectID:** 05-37

<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 825
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	salmon-chinook	
<b>Population:</b>	RSP	
<b>Population Definition:</b>	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.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 826
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	salmon-coho	
<b>Population:</b>	RSP	
<b>Population Definition:</b>	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.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834
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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 827
<b>Extent:</b>	South of Frankfort; Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-rainbow	
<b>Population:</b>	RSP	
<b>Population Definition:</b>	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.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 2160
<b>Status (Active or Rescinded):</b>	Active	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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## ***FISH ADVISORIES***

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 828
<b><i>Extent:</i></b>	South of Frankfort; Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	smelt	
<b><i>Population:</i></b>	RSP	
<b><i>Population Definition:</i></b>	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.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 2160
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
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<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 829
<b><i>Extent:</i></b>	South of Frankfort; Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	perch-yellow	
<b><i>Population:</i></b>	RSP	
<b><i>Population Definition:</i></b>	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.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 2160
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
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<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 830
<b><i>Extent:</i></b>	South of Frankfort; Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	walleye	
<b><i>Population:</i></b>	RSP	
<b><i>Population Definition:</i></b>	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.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 2160
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834

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## ***FISH ADVISORIES***

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 831
<b><i>Extent:</i></b>	South of Frankfort; Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	walleye	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 2160
<b><i>Status (Active or Rescinded):</i></b>	Active	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 561
<b><i>Extent:</i></b>	South of Frankfort	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	trout-lake	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4352
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 562
<b><i>Extent:</i></b>	South of Frankfort	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	trout-lake	
<b><i>Population:</i></b>	NCGP	
<b><i>Population Definition:</i></b>	No Consumption-General Population: Advise against consumption by the general population.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4352
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834

## ***FISH ADVISORIES***

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 563
<b><i>Extent:</i></b>	Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	perch-yellow	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4350
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 564
<b><i>Extent:</i></b>	Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	trout-brown	
<b><i>Population:</i></b>	NCGP	
<b><i>Population Definition:</i></b>	No Consumption-General Population: Advise against consumption by the general population.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4350
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 565
<b><i>Extent:</i></b>	Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	salmon-chinook	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4350
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834

## ***FISH ADVISORIES***

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***Project Name*** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)**

***ProjectID:*** 05-37

<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 566
<b><i>Extent:</i></b>	Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	smelt	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4350
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 567
<b><i>Extent:</i></b>	Including tributaries into which migratory species enter	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	salmon-coho	
<b><i>Population:</i></b>	RGP	
<b><i>Population Definition:</i></b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4350
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834
<b><i>Advisory:</i></b>	Lake Michigan	<b><i>AdvisoryID:</i></b> 568
<b><i>Extent:</i></b>	South of Frankfort	
<b><i>Pollutant:</i></b>	PCBs (total)	
<b><i>Species:</i></b>	whitefish-lake	
<b><i>Population:</i></b>	NCGP	
<b><i>Population Definition:</i></b>	No Consumption-General Population: Advise against consumption by the general population.	
<b><i>Advisory Type:</i></b>	Great Lake	<b><i>Advisory Number:</i></b> 4352
<b><i>Status (Active or Rescinded):</i></b>	Rescinded	<b><i>Date Rescinded:</i></b>
<b><i>Contact Name:</i></b>	David R. Wade	<b><i>Contact Number:</i></b> 517-335-8834

**Project Name** **ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)****ProjectID:** 05-37

<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 569
<b>Extent:</b>	Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-rainbow	
<b>Population:</b>	RGP	
<b>Population Definition:</b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 4350
<b>Status (Active or Rescinded):</b>	Rescinded	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 570
<b>Extent:</b>	Including tributaries into which migratory species enter	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-brown	
<b>Population:</b>	RGP	
<b>Population Definition:</b>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 4350
<b>Status (Active or Rescinded):</b>	Rescinded	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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<b>Advisory:</b>	Lake Michigan	<b>AdvisoryID:</b> 571
<b>Extent:</b>	South of Frankfort	
<b>Pollutant:</b>	PCBs (total)	
<b>Species:</b>	trout-lake	
<b>Population:</b>	NCSP	
<b>Population Definition:</b>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<b>Advisory Type:</b>	Great Lake	<b>Advisory Number:</b> 4352
<b>Status (Active or Rescinded):</b>	Rescinded	<b>Date Rescinded:</b>
<b>Contact Name:</b>	David R. Wade	<b>Contact Number:</b> 517-335-8834

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## ***FISH ADVISORIES***

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***Project Name*** ***ALLIED PAPER/PORTAGE CREEK/KALAMAZOO RIVER -  
PROJECT 3 (Lower River)***

***ProjectID:*** 05-37

***Advisory:*** Lake Michigan

***AdvisoryID:*** 572

***Extent:*** South of Frankfort

***Pollutant:*** PCBs (total)

***Species:*** whitefish-lake

***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:*** 4352

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

***Date Rescinded:***

***Contact Name:*** David R. Wade

***Contact Number:*** 517-335-8834

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