

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

<i>Project Name</i>	<i><u>FOX RIVER - PROJECT 4 (OUs 2 - 5)</u></i>	<i>ProjectID:</i> 05-43
<i>Last Updated:</i>	08/17/04	
<i>City:</i>	Neenah to Green Bay	
<i>County:</i>	Brown, Door, Kewaunee, Marinette, Oconto, Outagamie, and Winnebago, and Delta and Menominee, MI	
<i>State:</i>	WI	
<i>Country:</i>	USA	
<i>Bodies of Water:</i>	Lower Fox River, between Lake Winnebago and the mouth of the river at Green Bay, and all of Green Bay from the City of Green Bay to where Green Bay enters Lake Michigan.	
<i>US EPA Region:</i>	V	
<i>Status (Active, Complete, or Monitoring Only):</i>	Active	
<i>Date On NPL:</i>	N/A	
<i>ROD/ESD Date:</i>	N/A	
<i>Operable Unit:</i>	N/A	
<i>Areas of Concern (length or acres):</i>	The lower river is divided into four reaches, each one designated as a separate OU, and Green Bay is designated a separate OU. OU 1, comprising Little Lake Butte des Morts, is subject of a separate report (Project ID 05-27). OUs 2 through 5 are described as follows: OU 2: extends from Appleton dam to Little Rapids dam, a distance of about 20 miles; OU 3: extends from Little Rapids dam to the De Pere dam, a distance of about 6 miles; OU 4: extends from De Pere dam to the mouth of the river at Green Bay, a distance of about 7 miles; and OU 5: comprises 1,600 sq. miles of Green Bay.	
<i>Other Characteristics of Water Body:</i>	<p>The entire Lower Fox River is approximately 39 miles long with an average flow of about 4,300 cfs, a five-year maximum flow of about 17,000 cfs, and a mean discharge into Green Bay of 5,000 cfs. A 100-year flood flow occurred in 1990. The Lower Fox River is generally less than 1,000 ft wide and ranges in depth between six and 20 feet in its main channel. The river drops in elevation about 168 feet from Lake Winnebago to Green Bay and contains 12 dams and 17 locks.</p> <p>OU 2 is more meandering than other reaches of the river and is typically less than 1,000 feet wide. The river bed is typically depositional on the inside portion of a meander bend and is typically erosional on the outer portion of a meander bend (the cut bank). Stream flow velocities range from 0.5 ft/s to 1.23 ft/s and average about 0.8 ft/s. Because of the relatively higher flow velocities, sediment deposits in this reach of river tend to be more dispersed and contain relatively small amounts of sediment. Water depth in the main channel typically ranges between 6 and 12 feet, but is as little as 1 foot in areas where the river widens.</p> <p>In OU 3, river width is greatest upstream and decreases downstream. River flow velocity averages 0.4 ft/s and ranges between 0.37 ft/s and 0.42 ft/s. Main channel depth is typically more than 9 ft and reaches 18 ft maximum. River depth along the banks is generally 6 ft deep.</p> <p>In OU 4, the average river flow velocity is 0.25 f/s, the lowest in the river which results in this reach of the river being depositional. Water depths in the main channel range from 6 ft to 24 ft. In this section of river, the rock and hardpan river bottoms that prevail upstream are replaced by deep silt and soft, muddy sediments. The Wisconsin Department of Natural Resources (WI DNR) has estimated that 75% of all solids in the lower Fox River lie downstream of the DePere Dam. Reportedly, natural recovery (burial of contaminated sediments) is well underway in this stretch of the river. To allow navigation through this portion of the river, a channel was dredged for decades. A total of about 3 million cubic yards of sediment were dredged from the river between 1957 and 1996 according to records kept by the US Army Corps of Engineers.</p>	

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name	<u>FOX RIVER - PROJECT 4 (OUs 2 - 5)</u>	ProjectID: 05-43
Last Updated:	08/17/04	

The majority of these sediments were placed at the Bayport Disposal Site or Kidney Island (also known as Renard Island). The USACE currently dredges only the lower 3 miles of the river to maintain a navigational channel depth of between 20 ft and 24 ft.

The mean depth of Green Bay is approximately 65 ft; the maximum depth is 176 ft.

Contaminants of Concern: PCBs (1242); also, dioxin, furan, DDT, heavy metals (arsenic, lead, mercury)

Source of Contamination: Potential sources include but are not limited to 14 paper mills and 6 major municipal wastewater treatment facilities discharging directly to the 39 miles of Fox River from Lake Winnebago to Green Bay (Reference A-29). The great majority of PCB-containing waste discharged to the Fox River was reportedly from paper recycling and use of "paper broke" (Reference A-24) and occurred prior to the 1970s.

Contaminated Area
Physical Characteristics: Thirty-five individual PCB-contaminated sediment deposits have been identified in the 32 miles between Lake Winnebago and DePere, containing about 2 million cubic yards with an overall average PCB concentration of roughly 1 to 1.5 ppm. For the remaining seven miles, from the DePere Dam downstream to Green Bay, there is reportedly a continuous layer of contaminated sediment, representing an estimated 8 million cubic yards of sediment with an overall average PCB concentration of roughly 2 to 2.5 ppm.

OU 2 includes 22 discrete sediment deposits identified as Deposits I through DD that contain an estimated 207 pounds of PCBs in about 241,700 cy of sediment with concentrations greater than 50 ppb PCBs. This includes an estimated 71 pounds of PCBs remaining in Deposits N and O following dredging in 1999 (MCSS Database Project ID 05-20). The combined deposits cover approximately 378 acres and, reportedly, are typically located in depositional areas of the river. The maximum recorded PCB concentration in this reach is 77 ppm. Three deposits, W, X, and DD, each contain approximately 40,000 cy; the average volume of the remaining 19 deposits is about 5,000 cy. Deposits T and DD are estimated to contain about 50% of the remaining PCB inventory for this reach, in the top 40 inches of sediment. Deposit DD covers about 37 acres and contains an estimated PCB mass of 70 lb in 9,000 cy of sediment.

OU 3 includes the four Deposits EE through HH and, for remedial purposes, also sediment Deposit DD in OU 2. These deposits form a nearly continuous layer of soft sediment that extends for approximately 5 miles upstream of the De Pere dam. Deposits EE through HH contain about 2,800 lb of PCBs in nearly 3 million cy of sediment with concentrations greater than 50 ppb PCB. The four deposits are essentially a single sediment unit and cover about 657 acres. Sediment thickness ranges up to 7.5 feet thick in select areas, especially near the De Pere dam and the highest detected total PCB concentration was 54 ppm (average 6.3 ppm). Most PCBs are contained in the upper 3.3 ft of sediments, with 1,180 lb contained in the upper one foot.

OU 4 contains a near continuous layer of soft sediment covering about 1,295 acres that has been divided into 96 SMUs (numbered 20 through 115) and 16 water column segments (with six SMUs per segment). An estimated 91% of the PCB mass in the entire river is in this reach. The 96 SMUs contain an estimated 57,285 lb of PCBs in over 7.2 million cy of sediments with concentrations greater than 50 ppb PCB. Sediment ranges up to 13 ft. deep. The maximum total PCB level was 710 ppm (average 21 ppm), which was in the area of the now remediated SMU 56/57 (Project ID 05-06).

OU 5 (Green Bay) contains an estimated 815,210,000 cy of sediment containing a PCB mass of approximately 152,850 lb of PCBs. Of the total sediment volume in the bay, only about two percent contains greater than 1.0 ppm PCBs and less than 0.2 percent contains greater than 5.0 ppm PCBs.

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Last Updated: 08/17/04

Type of Regulatory Action: Negotiated agreement between the State of Wisconsin and the Fox River Group.

Overall Status Summary: The 1989-1990 Lower Fox River/Green Bay Mass Balance Study quantified PCB contamination in the 39 miles of the Lower Fox River and began seven years of data gathering and water and fish quality model development. In response, the Fox River Coalition (FRC) formed in 1992, because members of the coalition felt it was apparent that a potential human and wildlife health problem existed due to PCBs in the river and bay. The goal of the FRC was to develop a process for private and public participation in determining the degree of cleanup, cost-effective methods, funding, and timetables for contaminated sediment remediation in the Lower Fox River.

The Fox River Coalition is a voluntary, cooperative coalition comprising various paper mills and other industries, citizens groups, public officials, WI DNR, and quasi-public agencies. From 1992-1995, a subset of the FRC and liaisons from the Green Bay Remedial Action Plan Science and Technical Advisory Committee met to discuss and develop consensus on a full range of technical issues. These included: examining all existing data and model results; prioritizing contaminated sites upstream and downstream of DePere; managing a remedial investigation and feasibility study at selected sites upstream of DePere; identifying the need for and coordinating collection of detailed sediment data downstream of DePere; and developing methods to represent environmental benefits of various levels of remediation. This resulted in a draft technical package presented to the FRC in January 1996.

In 1997, the State of Wisconsin reached agreement with the Fox River Group (seven paper companies) providing for a moratorium on litigation and a \$10 million lump sum to fund several projects in the river including sediment removal demonstration projects, additional modeling, and habitat restoration. Two removal demonstration projects have since been implemented (Projects No. 05-06 and 05-20 in this Database). As a result of this agreement, the role of the FRC has decreased substantially.

In early 1998, EPA approved a grant of \$1.7 million to the WI DNR to proceed with development of an RI/FS for the Lower Fox River. The initial draft RI and FS documents, including a Baseline Risk Assessment, were issued for public comment in late February 1999. The RI/FS explored remedial options for sediments which exceed 0.25 ppm PCBs, a volume estimated at 8.9 million cy. Also, in 1998, EPA proposed the Fox River for Superfund listing. The public comment period, which ended in September 1998, generated a record number of responses for a proposed Superfund site. A decision on NPL listing remains "on hold."

A Fact Sheet (Reference A-116) issued by the WI DNR in March 1999 explained that the draft RI and FS identify PCBs in sediments as the primary constituent of concern, and stated that the great majority of calculated risk to human health is from exposure to PCBs, primarily through consumption of contaminated fish and waterfowl. Thirty-five sediment deposits have been identified in the 32 miles between Lake Winnebago and DePere which contain an estimated 2 million cubic yards and an overall average PCB concentration of roughly 1 to 1.5 ppm. For the remaining seven miles of river, from the DePere Dam downstream to Green Bay, there is reportedly a continuous layer of contaminated sediment, representing 8 million cubic yards with an overall average PCB concentration of roughly 2 to 2.5 ppm. According to the FS, the maximum PCB level measured in any sediment samples from above the DePere Dam is 223 ppm, and below the DePere Dam is 710 ppm.

The draft FS (Reference A -171) summarized the volumes of sediments which exceed the target cleanup level of 0.25 ppm PCBs as follows:

- Reaches 1-3 (first 32 miles): 86,500 cy (TSCA)

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Last Updated: 08/17/04

3,088,250 cy (non-TSCA)

- Reach 4 (final 7 miles): 250,000 cy (TSCA)
 5,440,000 cy (non-TSCA)

Five remedial action objectives (RAOs) were identified in the draft FS. These RAOs are (1) Achieve, to the extent practicable, surface water quality ARARs and TBCs throughout the Lower Fox River; (2) Reduce, to the extent practicable, the potential for chemicals of concern in the Lower Fox River to cause adverse human health effects principally through exposure to PCBs from ingestion of fish by anglers; (3) Reduce, to the extent practicable, the potential for chemicals of concern in the Lower Fox River to cause adverse effects to environmental receptors in the Lower Fox River; (4) Reduce, to the extent practicable, future transport of PCBs from the Lower Fox River to Green Bay; and (5) Minimize the potential for contaminant releases during any active remediation. The FS presented and evaluated eight remedial alternatives for each of the four reaches across the 39 miles, but did not present a recommendation.

After receipt of public comments on the draft RI and FS documents (References A-170 and A-171) in April 1999, and after review of the draft RI and FS documents by the National Remedy Review Board beginning in July 1999, EPA pushed back the release of a proposed cleanup plan until mid-2000. In the meantime, EPA granted the WI DNR \$1.5 million for additional RI/FS work, including broadening the scope to include Green Bay.

In November 1999, the Trustees issued the sixth in a series of reports that have addressed claimed injuries to natural resources of the Lower Fox River and Green Bay ecosystems due to releases of PCBs. The purpose of the latest report (Reference A-538) is to present an injury determination and quantification for fishery resources in the ecosystems.

Also in November 1999, EPA released two reports prepared by two separate peer review panels. In one instance, a peer review panel reviewed the draft RI and Data Management Reports that had been issued for public comment in February 1999. In the second instance, a peer review panel reviewed the draft FS that had been released at the same time.

The peer reviewers for the draft RI report concluded that data are adequate for characterization and remedy selection but are insufficient for developing in-situ biotechnologies. The review panel further concluded that "the RI does not summarize or evaluate all available data gaps that should have been addressed as part of the RI" and recommended that "information on the ongoing sediment demonstration projects, Deposit N and SMU 56/57, . . . should be included in the development of a remedy." Other conclusions and recommendations are also presented in the peer reviewer's report (Reference M-207).

The peer reviewers for the draft FS were charged with responding to two questions, namely, (1) is natural recovery appropriately characterized and (2) are the literature review and subsequent analyses complete regarding the environmental transformation (e.g., dechlorination, changes in toxicity) of PCBs in sediments. Several of the conclusions drawn by the peer reviewers questioned the validity of the science which supports the draft FS, as follows:

"Although the Draft FS references the WI DNR model as the basis for the natural recovery predictions, the Draft FS does not provide sufficient information on input assumptions or model outputs to permit an adequate assessment of the accuracy or reliability of the predictive modeling. In fact, as indicated above, in some cases the Draft FS seems to contradict previously published reports on the WI DNR model." And "Reliable long-term predictions of contamination with depth are critically important when it is recognized that the Draft FS

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name

FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Last Updated:

08/17/04

indicates that only 4.8% of the contaminants in the DePere to Green Bay Reach of the Fox River are presently located within 10 cm of the surface. The presence of more than 95% of the contaminants at depths below the biologically active zone also raises concerns for active removal options that will expose and redistribute a portion of this material. This redistribution is recognized in the Draft FS in that partial remediation options assume a residual surficial sediment concentration of 2 ppm PCBs. Complete remediation options, however, assumed 0.25 ppm residual surficial sediment concentrations. These differing assumptions may significantly influence the relative effectiveness of partial and complete remedial options."

Other conclusions and recommendations are also presented in the peer reviewer's report (Reference M-208).

In October 2001, WI DNR issued new draft versions of the RI and FS documents for public comment. Other documents included with the RI/FS documents were a draft Baseline Human Health and Ecological Risk Assessment, a draft Model Documentation Report, and a Proposed Remedial Action Plan (PRAP). The study area for the revised RI/FS included the Lower Fox River as well as Green Bay. The PRAP identified the proposed remedial alternative selected for each of the Lower Fox River OUs and for the Green Bay OU, as well as the rationale for the selection.

The RAOs in the 2001 Draft RI/FS were similar to the 1999 Draft RI/FS discussed above. The proposed alternative described in the PRAP targeted the removal by environmental dredging of approximately 7.25 million cy of contaminated sediment containing an estimated PCB mass of greater than 64,000 lbs. (29,000 kg) from the Lower Fox River. The proposed alternative also incorporated the concept of monitored natural recovery for addressing the residual PCB-contaminated sediment that would remain in both dredged and undredged areas. The PRAP proposed the following remedial alternatives:

- Operable Unit 1 (Little Lake Butte des Morts): Dredging with offsite disposal for 784,200 cy of sediment, to a remedial action level (RAL) of 1.0 ppm PCB.
- Operable Unit 2 (Appleton to Little Rapids): Monitored Natural Recovery to include 40 years of measuring PCB and mercury levels in water, sediment, invertebrates, fish, and birds, and the use of institutional controls.
- Operable Unit 3 (Little Rapids to DePere): Dredging with offsite disposal for 586,800 cy of sediment, to a RAL of 1.0 ppm PCB.
- Operable Unit 4 (DePere to Green Bay): Dredging with offsite disposal for 5,879,500 cy of sediment, to a RAL of 1.0 ppm PCB.
- Operable Unit 5 (Green Bay Zones 2, 3, and 4): Monitored Natural Recovery to include 40 years of measuring PCB and mercury levels in water, sediment, invertebrates, fish, and birds, and institutional controls.

The PCB remedial action level for the Lower Fox River and Green Bay was selected to be 1.0 ppm to balance the feasibility (implementability), effectiveness, duration, and cost of remedial actions. In addition to the proposed remedial alternatives, monitoring is required during remedial activities and a model long-term monitoring plan was developed to direct the monitoring of site conditions for 40 years following remedy implementation.

The PRAP estimated the proposed remedial alternatives would cost approximately \$307.6 million

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Last Updated: 08/17/04

to implement at the 1.0 ppm action level. This includes a cost estimate of approximately \$258.1 million to remove contaminated sediments from OUs 1, 3, and 4 and \$49.5 million for Monitored Natural Recovery in OUs 2 and 5. The PRAP did not include a contingency amount (typically 20%) as part of these costs.

The public comment period for the RI/FS and PRAP concluded in January 2002. In December 2002, WDNR and USEPA Region 5 issued a ROD for OU 1 and OU 2 in which the selected remedy for both OUs closely mirrored the proposed remedy described above. The stated goal for the OU 1 selected remedy is to reduce PCB levels in the top 10 centimeters of sediment to a surface-weighted average concentration of below 0.25 ppm PCBs by implementing dredging to remove all sediment above the RAL of 1.0 ppm PCBs. The ROD also allows for capping with sand in areas where the RAL cannot be achieved and the use of an engineered cap as a contingent remedy as long as specific conditions, as specified in the ROD, are met. The ROD estimates the present-worth cost of the selected remedy for both OUs is \$76.1 million. Of this amount, OU 1 is estimated to cost \$61.7 million, \$50 million of which is to be paid by WTM 1 and P.H. Glatfelter Company. OU 2 will cost an estimated \$14.4 million for 40 years of long-term monitoring. In June 2003, a separate ROD was released which selected remedies for OUs 3 through 5.

In October 2003, WTM 1 (formerly Wisconsin Tissue) and P.H. Glatfelter Company entered into a Consent Decree under which they agreed to design and implement the remedy for OU 1. The Consent Decree was approved in Federal court in April 2004. The remedy includes dredging and landfilling an estimated 784,200 cy from LLBdM. WTM 1 has agreed to take the lead for designing the remedy. WTM 1 and P.H. Glatfelter formed GW Partners LLC, under which the dredging of OU 1 is to be implemented.

In March 2004, NCR and Fort James Operating Company (Georgia-Pacific) entered into an Administrative Order on Consent in which they agreed to design the remedy for OUs 2 through 5. A program for collecting sediment samples to support the design effort was to begin in Summer 2004 and actual design should begin in Spring 2005 following receipt of sample analytical results. No PRP has agreed to-date to implement the remedy once design is complete.

Remedial Action Planned: ☒

Risk Assessment: ☒

Remedial Action Implemented: ☐

Status of Dredging ☐

PRPs: ☒

Contacts: ☒

References: ☒

Modeling: ☒

Fishing Advisory: ☒

Key Conditions: commercial landfill, dredging, dedicated landfill or CDF, extended (> 1 mile) river, Great Lakes AOC, hydrodynamic modeling, natural recovery, property access issues

REMEDIAL ACTION PLANNED

Project Name	<u>FOX RIVER - PROJECT 4 (OUs 2 - 5)</u>	ProjectID: 05-43
Last Updated:	08/17/04	
Target Sediment Cleanup Standards (TSCS):	1.0 ppm PCBs	
How TSCS Established:	Risk-based levels.	
Target Bank and Floodplain Cleanup Levels (if applicable):		
Other Target:	A surface-weighted average concentration of 0.25 ppm PCBs in the upper 10 cm of sediment in each OU.	
Environmental Sample Data References:	<ul style="list-style-type: none">• Sediment:• Water:• Fish:	
Estimated Target Volume:	OU 2 and OU 5: Monitored Natural Attenuation OU 3: 586,800 cy OU 4: 5,880,000 cy OU 5: 200,000 cy (limited dredging)	
Planned Disposal Method:	Dedicated NR 500 engineered landfill, to be constructed and operated to allow disposal of sediment containing greater than 50 ppm PCBs.	
Estimated Calendar Time to Implement Remedy:		
Estimated Time to Implement Remedy:	OU 2 and OU 5: 40 years of long-term monitoring OU 3: one year OU 4: seven years	
Estimated Cost to Implement Remedy:	OU 2: \$9.9 million (O&M only) OU 3 and OU 4: \$284 million OU 5: \$39.6 million	
Stated Remedial Action Objectives (and Source):	Source: Reference A-1100 "Remedial Action Objectives (RAOs) are site-specific goals for the protection of human and ecological health. Five RAOs were developed; all five apply to the River, while RAOs 1, 2, 3, and 5 also apply to the Bay; RAO 4 does not apply to the Bay". "The following five RAOs have been established for the Lower Fox River and Green Bay Site." "RAO 1. Achieve, to the extent practicable, surface water quality criteria throughout the Lower Fox River and Green Bay. This RAO is intended to reduce PCB concentration in surface water as quickly as possible. The current water quality criteria for PCBs are 0.003 ng/L for the protection of human health and 0.012 ng/L for the protection of wild and domestic animals. Water quality criteria incorporate all routes of exposure assuming the maximum amount is ingested daily over a person's lifetime." "RAO 2. Protect humans who consume fish from exposure to COCs that exceed protective levels. This RAO is intended to protect human health by targeting removal of fish consumption	

REMEDIAL ACTION PLANNED

Project Name	FOX RIVER - PROJECT 4 (OUs 2 - 5)	ProjectID: 05-43
Last Updated:	08/17/04	

advisories as quickly as possible. DNR and EPA defined the expectation for the protection of human health as the likelihood for recreational anglers and high-intake fish consumers to consume fish within 10 years and 30 years, respectively, at an acceptable level of risk or without restrictions following completion of a remedy."

"RAO 3. Protect ecological receptors from exposure to COCs above protective levels. RAO 3 is intended to protect ecological receptors like invertebrates, birds, fish, and mammals. DNR and EPA defined the ecological expectation as the likelihood of achieving safe ecological thresholds for fish-eating birds and mammals within 30 years following remedy completion. Although the FS did not identify a specific time frame for evaluating ecological protection, the 30-year figure was used as a measurement tool."

"RAO 4. Reduce transport of PCBs from the Lower Fox River into Green Bay and Lake Michigan. The objective of this RAO is to reduce the transport of PCBs from the River into Green Bay and Lake Michigan as quickly as possible. DNR and EPA defined the transport expectation as a reduction in loading to Green Bay and Lake Michigan to levels comparable to the loading from other Lake Michigan tributaries. This RAO applies only to River reaches."

"RAO 5. Minimize the downstream movement of PCBs during implementation of the remedy. A remedy is to be completed within 10 years."

Measures of Success to be Used:

Source: Reference A-1100

"RAO 1 may not be achieved in the foreseeable future because of the stringent regulations for acceptable PCB concentrations in surface waters. Nevertheless, significant risk reduction will occur. Recovery times estimated for RAO 2 (protection of human health) and RAO 3 (protection of ecological receptors) indicate that they will be met well within the defined goals. RAO 4 relates to PCB movement from the River to Green Bay and Lake Michigan. Reductions of loadings as a result of the removal of contaminants in OU 3 and OU 4 will reduce contaminant migration downstream and will therefore contribute to achieving RAO 4. Although the time to recover for Green Bay is not known (because of the time limitations of the models), the substantive reduction of contaminant loading from the River to Green Bay resulting from implementation of the remedy for OU 3 and OU 4 should assist in Bay recovery. RAO 5 is achievable with conventional environmental removal technologies for OU 3 and OU 4 and does not apply directly to the remedy for OU 5."

Planned Monitoring and Restoration:

Verification sampling will be performed to (1) determine if the remedial action level (RAL) of 1.0 ppm PCBs has been achieved, and if not, (2) determine if the surface-weighted average concentration (SWAC) of 0.25 ppm PCBs has been achieved. If neither is met, provisions are to be included in the work plan to allow either additional dredging passes to attempt to obtain the RAL and/or use a sand cover to meet the SWAC.

The remedy for each OU includes long-term monitoring. Long-term monitoring is defined as including measuring PCB and mercury levels in water, sediment, invertebrates, fish, and birds. Also included is the use of institutional controls until RA objectives are met.

Agency Position on Sediment Removal (and Source):

Source: Reference A-1100

"The WDNR and EPA believe that the removal of sediment in OU 3 and OU 4 with PCB concentrations greater than the 1 ppm RAL is important to achieving the timely reduction of risks to an acceptable level (i.e., fish can be safely consumed by human or ecological receptors). The WDNR and EPA envision that all sediment in OU 3 and OU 4 contaminated at concentrations above the RAL will be removed. However, this ROD also provides that under certain

REMEDIAL ACTION PLANNED

Project Name

FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Last Updated:

08/17/04

circumstances a sand cover may be used to supplement the primary dredging remedy in order to reach the risk reduction targets. Pre-remediation sampling and characterization efforts will define a spatial “footprint” (both horizontally and vertically) of the sediment in both Operable Units that has a concentration of PCBs greater than 1 ppm. It is this footprint that is targeted for removal by dredging. If dredging is able to achieve this result (i.e., remove all sediments with PCB concentrations greater than 1 ppm), the active remediation portion of the OU 3 and OU 4 remedy will be complete.”

“However, if sampling after dredging is completed for OUs 3 and 4 shows that the 1 ppm RAL has not been achieved, a SWAC of 0.26 ppm for OU 3 and of 0.25 ppm for OU 4 may be used to assess the effectiveness of PCB removal. If the SWAC has not been achieved for either OU 3 or OU 4, then the remedy provides certain options to further reduce risk. One option is that additional dredging may be undertaken to ensure that all sediments with PCB concentrations greater than the 1 ppm RAL are removed throughout the particular deposit. Another option would be to place a sand cover on dredged areas to reduce surficial concentrations. The determination of the appropriate option will be made by the Agencies.”

Additionally,

“Dredging of sediments is a readily implementable and environmentally effective engineering activity. Two concerns are relevant to whether sediments can be dredged effectively: (1) resuspension and releases during dredging, and (2) resulting residual contaminant concentrations that may remain in sediments after dredging is completed. Regarding resuspension, environmental dredges have been shown to generally not release significant quantities of contaminants during removal operations. The type of dredging equipment (mechanical and/or hydraulic) will be selected during the remedial design on the basis of what is the most appropriate equipment for the specific conditions in the River. Silt screens or other barriers, as appropriate, could further assist in limiting downstream migration of PCBs and may be used as well. Regarding post-dredging residual contaminant concentrations, comparable projects indicate that the 1 ppm action level in remaining sediments is readily achievable. The Lower Fox River SMU 56/57 dredging project achieved a 96 percent reduction in the average concentration of contaminated sediments targeted for removal. This outcome is consistent with results for other dredging projects having similar site conditions (see Appendix B of the FS and Hudson River White Paper ID 312663, “Post-Dredging PCB Residuals”).”

RISK ASSESSMENT

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Last Updated: 06/24/04

RA Type: Baseline Human Health & Ecological; Public Health

RA Status: Complete

RA Objectives: “The overall goals of the BLRA for the Lower Fox River and Green Bay were to:

- “Examine how the contaminants of potential concern (COPCs) carried forward from the Screening Level Risk Assessment (SLRA) (RETEC, 1998b) move from the sediment and water into human and ecological receptors within the Lower Fox River and Green Bay.”
- “Quantify the current (or baseline) human health and ecological risks associated with the COPCs.”
- “Distinguish those COPCs which pose the greatest potential for risk to human health and the environment and should be carried forward as contaminants of concern (COCs) in the FS.”
- “Determine which exposure pathways lead to the greatest risks.”
- “Support the selection of a remedy which eliminates, reduces, and/or controls identified risks by calculating sediment quality thresholds (SQTs).”

Company ThermoRetec Consulting Corporation
Performing RA:

RA Reference Report: Draft Baseline Human Health and Ecological Risk Assessment (BLRA): Lower Fox River and Green Bay, Wisconsin: Remedial Investigation and Feasibility Study, October 2001

RA Summary and “General conclusions of both the human health and ecological assessments were:
Conclusions:

- “Fish consumption is the exposure pathway that represents the greatest level of risk for receptors (other than direct risk to benthic invertebrates).”
- “The primary COC is PCBs, and other COCs carried forward for remedial evaluation and long-term monitoring are mercury and DDE.”
- “In general, areas evaluated with the greatest risk are Green Bay Zones 1 and 2.”

POTENTIALLY RESPONSIBLE PARTIES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

PRP Name: PRP INFORMATION NOT RELEASED

PRPID:

Street Address:

City:

State:

KEY CONTACTS

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

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 FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 15

Title: *Polychlorinated Biphenyl (PCB) Contaminated Sediment in the Lower Fox River: Modeling Analysis of Selective Sediment Remediation PUBL-WT-482-97*

Location: AEM

Category: Contaminated Sediments: Remedial Options/Guidance

Prepared by/Author: Wisconsin Department of Natural Resources

Preparer/Author Address: Bureau of Watershed Management
P.O. Box 7921
Madison, WI 53707

Prepared For:

Date Published: February 1997

Key Words and Phrases:

Reference Type: A

ReferenceID: 24

Title: *Fox River and Green Bay PCB Fate and Transport Model Evaluation (Draft)*

Location: AEM

Category: Modeling

Prepared by/Author: Wisconsin Department of Natural Resources

Preparer/Author Address: 101 South Webster Street
Madison, WI 53707-7921

Prepared For: General Public

Date Published: June 3, 1998

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1056

Title: *Response to Petition to Amend Record of Decision for Operable Unit 1 and Operable Unit 2 and Supplement to Administrative Records for the December 2002 and June 2003 Records of Decision*

Location: AEM

Category: ROD/Proposed Plan/Action Memo/Decision Document

Prepared by/Author: US EPA Region V and WDNR

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: 2004 Spring

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1099

Title: *Administrative Order on Consent - In the Matter of: Lower Fox River and Green Bay Site*

Location: AEM

Category: Legal

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: Respondents: Fort James Operating Company, Inc. and NCR Corporation

Date Published: March 2004

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: A

ReferenceID: 1100

Title: ***Record of Decision - Operable Units 3, 4, and 5
Lower Fox River and Green Bay, Wisconsin***

Location: AEM

Category: ROD/Proposed Plan/Action Memo/Decision Document

Prepared by/Author: Wisconsin DNR and US EPA Region V

**Preparer/Author
Address:**

Prepared For:

Date Published: June 2003

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1110

Title: ***Lower Green Bay Remedial Action Plan - 1993 Update for the
Lower Green Bay and Fox River Area of Concern***

Location: AEM

Category: Site Update

Prepared by/Author: Wisconsin Department of Natural Resources

**Preparer/Author
Address:** P.O. Box 7921
Madison, WI 53707

Prepared For:

Date Published: September 1993

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1111

Title: ***Draft Studies Completed on Cleanup of PCBs in Lower Fox River
Sediments***

Location: AEM

Category: RI/FS

Prepared by/Author: Wisconsin Department of Natural Resources

**Preparer/Author
Address:** 101 South Webster
Madison, WI 53707

Prepared For: General Public

Date Published: March 1999

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1112

Title: ***Baseline Human Health and Ecological Risk Assessment for Lower Fox River, Wisconsin***

Location: AEM

Category: Risk Assessment

Prepared by/Author: ThermoRetec Consulting Corporation

Preparer/Author Address: 1011 S.W. Klickitat Way, Suite 207
Seattle, WA 98134
and
3040 William Pitt Way
Pittsburgh, PA 15238

Prepared For: Wisconsin Department of Natural Resources

Date Published: February 24, 1999

Key Words and Phrases:

Reference Type: A

ReferenceID: 1113

Title: ***Fact Sheet: Summary of Findings by Peer Review Panels: Review of Fox River Remedial Investigation/Feasibility Report***

Location: AEM

Category: RI/FS

Prepared by/Author: US EPA Region V

Preparer/Author Address:

Prepared For: General Public

Date Published: November 4, 1999

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1114

Title: *Injuries to Fishery Resources, Lower Fox River/Green Bay
Natural Resources Damage Assessment: Final Report*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Stratus Consulting, Inc.

**Preparer/Author
Address:** Boulder, CO

Prepared For: US Fish and Wildlife Service, US Department of the Interior, and US
Department of Justice

Date Published: November 8, 1999

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1115

Title: *Fact Sheet: PCBs: Lower Fox River Impacts*

Location: AEM

Category: Miscellaneous

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: April 1998

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1116

Title: *Fact Sheet: The Lower Fox River and the Remedy Review
Board - Questions and Answers*

Location: AEM

Category: Miscellaneous

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: July 1999

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1118

Title: *Feasibility Study Appendix B (Final): Sediment Technologies Memorandum for the Lower Fox River and Green Bay, Wisconsin*

Location: AEM

Category: Contaminated Sediments: Remedial Options/Guidance

Prepared by/Author: ThermoRetec Consulting Corporation

Preparer/Author Address:

Prepared For: Wisconsin DNR
www.dnr.state.wi.us/org/water/wm/lowerfox/reports.html

Date Published: December 2002

Key Words and Phrases:

Reference Type: A

ReferenceID: 1120

Title: *Remedial Investigation Report (Final): Lower Fox River and Green Bay, Wisconsin (TOC and Executive Summary)*

Location: AEM

Category: RI/FS

Prepared by/Author: (1) ThermoRetec Consulting Corporation
(2) Natural Resource Technology

Preparer/Author Address: (1) 413 Wacouta Street, Suite 400
St. Paul, Minnesota 55101-1957
(2) 23713 W. Paul Road, Unit D
Pewaukee, Wisconsin 53072

Prepared For: Wisconsin DNR
101 S. Webster Street
Madison, WI 53707-7921
www.dnr.state.wi.us/org/water/wm/lowerfox/reports.html

Date Published: December 2002

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1122

Title: *Feasibility Study (Final): Lower Fox River and Green Bay, Wisconsin (TOC and Executive Summary)*

Location: AEM

Category: RI/FS

Prepared by/Author: ThermoRetec Consulting Corporation

Preparer/Author Address: 1011 S.W. Klickitat Way, Suite #207
Seattle, WA 98134

Prepared For: Wisconsin DNR
101 S. Webster Street
Madison, WI 55703
www.dnr.state.wi.us/org/water/wm/lowerfox/reports.html

Date Published: December 2002

Key Words and Phrases:

Reference Type: A

ReferenceID: 1123

Title: *Baseline Human Health and Ecological Risk Assessment (Draft): Lower Fox River and Green Bay, Wisconsin (TOC and Executive Summary)*

Location: AEM

Category: Risk Assessment

Prepared by/Author: ThermoRetec Consulting Corporation

Preparer/Author Address: 1011 S.W. Klickitat Way, Suite #207
Seattle, WA 98134
and
3040 William Pitt Way
Pittsburgh, PA 15238

Prepared For: Wisconsin DNR
101 S. Webster Street
Madison, WI 55703
www.dnr.state.wi.us/org/water/wm/lowerfox/reports.html

Date Published: October 2001

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1124

Title: **Model Documentation Report (Draft): Lower Fox River and Green Bay, Wisconsin**

Location: AEM

Category: Modeling

Prepared by/Author: (1) Wisconsin DNR
(2) ThermoRetec Consulting Corporation

Preparer/Author Address: (1) 101 S. Webster Street
Madison, WI 55703
(2) 1011 SW Klickitat Way, Suite #207
Seattle, WA 98134

Prepared For: General public

Date Published: October 2001

Key Words and Phrases:

Reference Type: A

ReferenceID: 1125

Title: **Proposed Remedial Action Plan: Lower Fox River and Green Bay**

Location: AEM

Category: ROD/Proposed Plan/Action Memo/Decision Document

Prepared by/Author: (1) Wisconsin Department of Natural Resources, (2) US EPA Region V

Preparer/Author Address: (1) 101 South Webster Street
Madison, WI 53707
and
1125 North Military Avenue
Green Bay, WI 54307
(2) 77 West Jackson Blvd.
Chicago, IL 60604

Prepared For: General Public

Date Published: October 2001

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1126

Title: *Comments of the Fox River Group on the Wisconsin Department of Natural Resources Draft Remedial Investigation, Draft Feasibility Study, Baseline Human Health and Ecological Risk Assessment, and Proposed Remedial Action Plan (TOC and Executive Summary)*

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Fox River Group

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: January 22, 2002

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1127

Title: *Quality Assurance Project Plan for the Minergy Corporation Glass Furnace Technology Demonstration in Winneconne, Wisconsin*

Location: AEM

Category: Analytical Protocol/Issues/QAPP

Prepared by/Author: Minergy Corporation

**Preparer/Author
Address:**

Prepared For: US EPA
Office of Research and Development
National Risk Management Research Laboratory
Cincinnati, Ohio

Date Published: April 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: A

ReferenceID: 1128

Title: *Consent Decree: U.S. of America and the State of Wisconsin vs. Fort James Operating Company*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: June 12, 2002

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1129

Title: *Lower Fox River Food Web Model*

Location: AEM

Category: Modeling

Prepared by/Author: Limno-Tech, Inc.

**Preparer/Author
Address:** 501 Avis Drive
Ann Arbor, MI 48108

Prepared For: Fox River Group

Date Published: January 2002

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1130

Title: *Quality Assurance Project Plan -- Lower Fox River Pre-Design Characterization Study*

Location: AEM

Category: Analytical Protocol/Issues/QAPP

Prepared by/Author: (1) The RETEC Group, Inc.
(2) MAKuehl Company
(3) En Chem, Inc.
(4) Natural Resource Technology, Inc.

**Preparer/Author
Address:**

Prepared For: WDNR and US EPA Region V Superfund

Date Published: November 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 9

Title: ***Materials for Consideration Prior to the Nov. 28, 1995 Fox River Coalition Meeting***

Location: AEM

Category: Miscellaneous

Prepared by/Author: Wisconsin Department of Natural Resources

Preparer/Author Address: 101 South Webster Street
P.O. Box 7921
Madison, WI 3707

Prepared For: Fox River Coalition

Date Published: November 22, 1995

Key Words and Phrases:

Reference Type: B

ReferenceID: 10

Title: ***Meeting Announcements, Agenda, and Meeting Highlights***

Location: AEM

Category: Meeting Minutes

Prepared by/Author: Wisconsin Department of Natural Resources

Preparer/Author Address: 101 South Webster Street
P.O. Box 7921
Madison, WI 53707

Prepared For: Fox River Coalition

Date Published: November 16, 1995

Key Words and Phrases:

Reference Type: B

ReferenceID: 99

Title: ***Next Step in Fox River Cleanup: EPA Submits Preliminary Recommendation to National Remedy Review Board***

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: June 30, 1999

Key Words and Phrases:

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 207

Title: ***EPA OK's \$1.5 Million Grant to DNR for Fox River Cleanup Plan***

Location: AEM

Category: Remedial Action Plan/Work Plan

Prepared by/Author: (1) Bri Bill (2) Corinne Billings,

Preparer/Author Address: (1) US EPA Region V
(2) WDNR

Prepared For: Fox River Current

Date Published: November / December 1999

Key Words and Phrases:

Reference Type: B

ReferenceID: 216

Title: ***DNR Reviews Public Comments on Natural Resource Damage Assessment Plan***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Kelly Mella and Corinne Billings

Preparer/Author Address: WDNR

Prepared For: Fox River Current

Date Published: November / December 1999

Key Words and Phrases:

Reference Type: B

ReferenceID: 219

Title: ***Fox River / Green Bay NRDA: Value Equivalency Assessment Preliminary Results***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: David Allen

Preparer/Author Address: U.S. Fish and Wildlife Service

Prepared For: Fox River Current

Date Published: November / December 1999

Key Words and Phrases:

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 220

Title: ***Fox River / Green Bay NRDA: Value Equivalency Assessment Explained***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: David Allen

Preparer/Author Address: U.S. Fish and Wildlife Service

Prepared For: Fox River Current

Date Published: November / December 1999

Key Words and Phrases:

Reference Type: B

ReferenceID: 274

Title: ***EPA Fact Sheet: PCBs: Lower Fox River Impacts***

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: July 1998

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: B

ReferenceID: 340

Title: *News Release - U.S. Fish and Wildlife Service Will Host a November 8 Public Meeting Detailing Green Bay and Fox River NRDA Fish Injuries and Economics Reports*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: U.S. Fish and Wildlife Service,

Preparer/Author Address: Great Lakes - Big Rivers Region,
External Affairs Office
Bishop Henry Whipple Building
1 Federal Drive
Snelling, MN 55111-4056

Prepared For: General Public

Date Published: October 26, 1999

Key Words and Phrases:

Reference Type: B

ReferenceID: 382

Title: *Polychlorinated Biphenyl (PCB) Contaminated Sediment in the Lower Fox River: Modeling Analysis of Selective Sediment Remediation*

Internet:

http://www.dnr.state.wi.us/org/water/wm/lowerfox/sediment/model/foxreport_print.html

Location: AEM

Category: Modeling

Prepared by/Author: Wisconsin Department of Natural Resources

Preparer/Author Address:

Prepared For: General Public

Date Published: June 8, 1998

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: B

ReferenceID: 387

Title: *In Situ Technologies*

Internet:

<http://www.dnr.state.wi.us/org/water/wm/lowerfox/insitu.html>

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: Wisconsin Department of Natural Resources

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: June 8, 1998

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 473

Title: *Technical Corner ... Capping*

Location: AEM

Category: Capping/Placement

Prepared by/Author: Rich Trotto

**Preparer/Author
Address:** WDNR

Prepared For: Fox River Current

Date Published: July/August 2000

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 474

Title: *Fox River/Green Bay Natural Resource Trustees Join Forces*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Greg Swanson

**Preparer/Author
Address:** WDNR

Prepared For: Fox River Current

Date Published: July/August 2000

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B
Title: *Survey Shows Anglers Still Eat Fox River Fish*
Location: AEM
Category: Site Update
Prepared by/Author: Eric Aakko
Preparer/Author Address: WI Dept of Health and Family Services
Prepared For: Fox River Current
Date Published: March/April 2001
Key Words and Phrases:

ReferenceID: 493

Reference Type: B
Title: *PCBs in Green Bay: Locations, Amounts, and Clean-Up Scenarios*
Location: AEM
Category: Contaminated Sediments: Overview of Issues
Prepared by/Author: John R. Karl
Preparer/Author Address: University of Wisconsin
Sea Grant Institute
1975 Wilson Drive
Madison, WI 53706-1177
Prepared For: General Public
Date Published: July 2000
Key Words and Phrases:

ReferenceID: 506

Reference Type: B
Title: *Technical Corner ... Vitrification Demonstration Shows Potential*
Location: AEM
Category: Contaminated Sediments: Treatment Technologies
Prepared by/Author: Greg Swanson
Preparer/Author Address: Wisconsin Department of Natural Resources
Prepared For: Fox River Current
Date Published: March/April 2002
Key Words and Phrases:

ReferenceID: 556

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 563

Title: ***Proposed Plan Summary for Cleanup of the Lower Fox River and Green Bay Site***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V and Wisconsin DNR

**Preparer/Author
Address:**

Prepared For: Distribution

Date Published: October 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 564

Title: ***Intergovernmental Partners Negotiate Fox River Interim Agreement***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: August 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 566

Title: ***Glass Furnace Technology (GFT) Project Fact Sheet:
Phase III: Pilot-Scale Melter***

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: Wisconsin DNR

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: 2001

**Key Words and
Phrases:** Minergy

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 567

Title: ***Intergovernmental Partners Sign \$40 Million Agreement with API and NCR for Interim Fox River Projects***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: August 14, 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 733

Title: ***DNR Comment Period Underway for Fox Proposed Cleanup Plan***

Location: AEM

Category: Site Update

Prepared by/Author: Greg Swanson

**Preparer/Author
Address:** Wisconsin Department of Natural Resources

Prepared For: General Public

Date Published: November/December 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 796

Title: ***Realizing Remediation I - Great Lakes Contaminated Sediments
Fox River
(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 **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 875

Title: ***Upper River Cleanup Decision Announced***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: January 2003

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 928

Title: ***DNR, EPA Announce Agreement with Georgia-Pacific***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Fox River Current

Date Published: January/February 2003

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 929

Title: ***e-mail re: Fox River Clean-Up Decision Expected by End of 2003***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: April 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B
Title: ***Memo re: Fox River RI/FS***
Location: AEM
Category: Site Update
Prepared by/Author: AEM, Inc.
Preparer/Author Address: Malvern, PA 19355
Prepared For: Distribution
Date Published: April 1, 1999
Key Words and Phrases:

ReferenceID: 938

Reference Type: B
Title: ***e-mail re: Fox RI/FS***
Location: AEM
Category: Site Update
Prepared by/Author: James Warchall
Preparer/Author Address: Sidley & Austin
Prepared For: Distribution
Date Published: February 25, 1999
Key Words and Phrases:

ReferenceID: 977

Reference Type: B
Title: ***Wisconsin, EPA Announce Second Cleanup Decision***
Location: AEM
Category: Site Update
Prepared by/Author: Greg Swanson
Preparer/Author Address: WDNR
Prepared For: Fox River Current
Date Published: July/August 2003
Key Words and Phrases:

ReferenceID: 1006

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 1007

Title: ***e-mail re: EPA, WDNR and Two Paper Mills Sign Agreement for \$60 Million Cleanup at Fox River Site***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: October 1, 2003

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1008

Title: ***e-mail re: EPA, WDNR Reach Agreement with WTM 1 for Fox River Cleanup Work***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: July 1, 2003

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1009

Title: ***Second Cleanup Decision Finalized***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: July 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: B

ReferenceID: 1010

Title: ***Remainder of River, Bay Cleanup Cost Pegged at Over \$300 Million***

Location: AEM

Category: Site Update

Prepared by/Author: Greg Swanson

Preparer/Author Address: WDNR

Prepared For: Fox River Current

Date Published: July/August 2003

Key Words and Phrases:

Reference Type: B

ReferenceID: 1082

Title: ***Technical Update ... Design Work Begins for Remaining Phases***

Location: AEM

Category: Site Update

Prepared by/Author: Greg Swanson

Preparer/Author Address: Wisconsin Department of Natural Resources

Prepared For: Fox River Current

Date Published: May / June 2004

Key Words and Phrases:

Reference Type: B

ReferenceID: 1083

Title: ***Landfill, Vittrification - Both Have Pros, Cons***

Location: AEM

Category: Site Update

Prepared by/Author: Susan Pastor

Preparer/Author Address: US EPA

Prepared For: Fox River Current

Date Published: May / June 2004

Key Words and Phrases:

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 6

Title: ***Firms needed for Wisconsin river***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: December 19, 1997

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 111

Title: ***Wisconsin DNR Examining Contamination and How to Stop It***

Location: AEM

Category: RI/FS

Prepared by/Author: US EPA Region V

Preparer/Author

Address:

Prepared For: Fox River Current

Date Published: September 1998

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 147

Title: ***Fox River misses Superfund listing***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: April 24, 1998

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C
Title: **Wisconsin begins Fox River RI/FS**
Location: AEM
Category: Site Update
Prepared by/Author:
Preparer/Author Address:
Prepared For: Superfund Week
Date Published: February 20, 1998
Key Words and Phrases:

ReferenceID: 273

Reference Type: C
Title: **Fox River Proposed for the NPL but May Stay Off List if PRPs Cooperate**
Location: AEM
Category: Site Update
Prepared by/Author:
Preparer/Author Address:
Prepared For: Superfund Week
Date Published: July 17, 1998
Key Words and Phrases:

ReferenceID: 287

Reference Type: C
Title: **Long-Term Simulation of PCB Export from the Fox River to Green Bay.**
Location: AEM
Category: Site Update
Prepared by/Author: (1) Mark Velleux, (2) Douglas Endicott, (3) Jeffrey Steuer, (4) Steven Jaeger and (5) Dale Patterson
Preparer/Author Address: (1) AScI Corporation,
(2) US EPA Region V,
(3) U.S. Geological Survey,
(4 and 5) WIDNR
Prepared For: Journal of Great Lakes Research, Vol. 21, No. 3, pp 359-372
Date Published: 1995
Key Words and Phrases:

ReferenceID: 411

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 412

Title: ***Transport of Suspended Solids in the Lower Fox River***

Location: AEM

Category: Site Update

Prepared by/Author: Joe Gailani, C. Kirk Ziegler and Wilbert Lick

Preparer/Author

Address:

Prepared For: Journal of Great Lakes Research, Vol. 17, No. 4, pp 479-494

Date Published: 1994

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 481

Title: ***Fox River Cleanup's Next Step***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Engineering News-Record (ENR)

Date Published: June 21, 1999

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 489

Title: ***EPA Choosing a Remedy from \$150M-\$750M Options in Lower
Fox River FS***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: July 9, 1999

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 554

Title: ***EPA Delays Cleanup Plan for Fox River, Allocates \$1.5M to Assess Green Bay***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Superfund Week

Date Published: November 5, 1999

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 594

Title: ***Fort James Corp. Reaches Settlement With Wisconsin over Fox River Toxins***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Superfund Week

Date Published: December 1, 2000

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 626

Title: ***Fox River Group Denounces Plan To Restore Area Natural Resources***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Hazardous Waste/Superfund Week

Date Published: January 8, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 627

Title: ***Amount of Natural Resource Damages Inaccurate, Wisconsin DNR Tells FWS***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Hazardous Waste/Superfund Week

Date Published: January 8, 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 711

Title: ***Wisconsin Fox River Settlement Hits Another Snag; Delay Granted***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Hazardous Waste/Superfund Week

Date Published: April 9, 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 746

Title: ***EPA / Wisconsin Fox River ROD Includes \$258.1-Million Dredging Project***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Environmental Business Journal

Date Published: October 4-10, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 747

Title: ***Fox River Group to Dredge Sediments in Wisconsin River***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: October 8, 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 765

Title: ***API, NCR, Governments Sign Agreement for Interim Cleanup***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: August 20, 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 788

Title: ***Massive PCB dredging proposed for Fox River***

Location: AEM

Category: Site Update

Prepared by/Author: Rebecca Renner

Preparer/Author

Address:

Prepared For: Environmental Science & Technology, 2001, Vol. 35, No. 23, pp 474 A

Date Published: December 1, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: C

ReferenceID: 801

Title: *Fox River Cleanup Plan Lacks Details for Public, Lawmaker Says*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: January 28, 2002

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 857

Title: *Navigating the bureaucracy of river recovery*

Location: AEM

Category: Contaminated Sediments: Management Issues

Prepared by/Author: Sara Scharpf

Preparer/Author Oshkosh, WI

Address:

Prepared For: PIMA's PAPERMAKER

Date Published: July 2000

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 858

Title: *Paper Companies Offer More Criticism of Dredging Plan for
Cleaning Up Fox River*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Daily Environment Report (BNA, Inc.)

Date Published: April 8, 2002

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 866

Title: ***Incineration Could Ease Local Opposition to Sediment Cleanups***

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: April 15, 2002

Key Words and Phrases: Minergy

Reference Type: C

ReferenceID: 888

Title: ***DOJ Files Consent Decree on Fox River Settlement***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: July 15, 2002

Key Words and Phrases:

Reference Type: C

ReferenceID: 897

Title: ***Agencies Review Fox River Comments, Are Getting Ready to Release Decision***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: June 24, 2002

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: C

ReferenceID: 924

Title: *Dredging, Natural Recovery to be Used to Clean Sediments in Lower Fox River*

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: HazTECH News

Date Published: October & November 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 925

Title: *Thermal Technologies Developed to Recycle Sludges, Other Residues*

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: HazTECH News

Date Published: October & November 2001

**Key Words and
Phrases:** Minergy

Reference Type: C

ReferenceID: 986

Title: *Georgia-Pacific Co. is committing \$4 million ...*

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Hazardous Waste/Superfund Week

Date Published: February 10, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 997

Title: ***EPA, Wisconsin Announce Partial Plan to Remove PCBs from Contaminated River***

Location: AEM

Category: Site Update

Prepared by/Author: BNA, Inc.

**Preparer/Author
Address:**

Prepared For: Daily Environment Report (BNA, Inc.)

Date Published: January 9, 2003

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 998

Title: ***Officials announce decision on PCB-tainted sediment in Fox River***

Location: AEM

Category: Site Update

Prepared by/Author: Environment & Energy Daily

**Preparer/Author
Address:**

Prepared For: Greenwire

Date Published: January 8, 2003

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 1004

Title: ***First Two Steps of River Cleanup Likely to Cost Consortium \$76M***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Hazardous Waste/Superfund Week

Date Published: January 13, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 1067

Title: **Wis.: EPA Releases ROD**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: August 4, 2003

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 1068

Title: **Agreement for \$60 Million Cleanup at Fox River Site Signed**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Brownsfields Spotlight

Date Published: October 2003

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 1069

Title: **Four PRPs Agree to Pay for Fox River Cleanup**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: October 13, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: C

ReferenceID: 1097

Title: **WTMI Will Perform Design Work for Sediment Cleanup**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: June 14, 2003

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 30

Title: **Fox River Group Completes Preliminary Review of DNR's Draft
RI/FS Report**

Location: AEM

Category: RI/FS

Prepared by/Author: Fox River Group

Preparer/Author

Address:

Prepared For: General Public (News Release)

Date Published: March 19, 1999

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 60

Title: **Two groups on opposite sides of Fox River recovery**

Location: AEM

Category: Site Update

Prepared by/Author: Melinda Naparalla

Preparer/Author

Address:

Prepared For: The Green Bay (WI) News-Chronicle

Date Published: September 28, 1999

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 69

Title: ***EPA: Comments on Lower Fox River Proposed Superfund Listing Now at Local Libraries***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region V

Preparer/Author Address: Chicago, IL

Prepared For: General Public

Date Published: February 8, 1999

Key Words and Phrases:

Reference Type: D

ReferenceID: 82

Title: ***New Study Shows Potential Pitfalls of Environmental Dredging***

Location: AEM

Category: Dredging: Remedial (Contaminated Sediments)

Prepared by/Author: Fox River Group

Preparer/Author Address:

Prepared For: Press Release

Date Published: April 19, 1999

Key Words and Phrases:

Reference Type: D

ReferenceID: 83

Title: ***Working Toward An Economic Solution***

Location: AEM

Category: Miscellaneous

Prepared by/Author: Appleton Papers

Preparer/Author Address:

Prepared For: The De Pere (WI) Journal

Date Published: September 2, 1999

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 117

Title: *River damage study drawing fire*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Ed Culhane

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: August 6, 1999

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 123

Title: *Glatfelter fights cleanup*

Location: AEM

Category: Site Update

Prepared by/Author: Judy A. Strausbaugh

**Preparer/Author
Address:**

Prepared For: The York (PA) Sunday News

Date Published: December 12, 1999

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 149

Title: *Fort James to pay \$7 million to settle claims*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 16, 2000

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 150

Title: ***Fort James, DNR deal is less expensive than federal plan***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Jeff Decker

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) News-Chronicle

Date Published: November 16, 2000

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 154

Title: ***Feds plan to press on with PCB damage plan***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 21, 2000

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 160

Title: ***Three views on the Fox River cleanup: (1) Settlement is fair, equitable; (2) DNR sells state short by cutting a secret deal; (3) Fish & Wildlife estimate based on solid research***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: George E. Meyer

**Preparer/Author
Address:**

Prepared For: The Madison (WI) Wisconsin State Journal

Date Published: December 24, 2000

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 162

Title: *Public input sought for PCB deal -- High compensation figure is likely, officials concede*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: December 6, 2000

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 177

Title: *Talks resume on joint state-federal PCB plan*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Jeff Decker

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) News-Chronicle

Date Published: March 14, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 178

Title: *Federal link is debated in Wis.*

Location: AEM

Category: Site Update

Prepared by/Author: Lee Coleman

**Preparer/Author
Address:**

Prepared For: The Schenectady (NY) Daily Gazette

Date Published: March 18, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 179

Title: ***PCBs drive Hmong to smaller rivers***

Location: AEM

Category: Site Update

Prepared by/Author: Lee Coleman

**Preparer/Author
Address:**

Prepared For: The Schenectady (NY) Daily Gazette

Date Published: March 18, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 208

Title: ***DNR delays deal for PCBs - Public has 90 more days to comment on damage payment***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Scott Hildebrand

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: March 14, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 209

Title: ***DNR making wise moves on Fox River cleanup***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: March 17, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 210

Title: *Paper employees want river settlement - Georgia-Pacific staff send form letters to DNR*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Scott Hildebrand

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: April 1, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 231

Title: *DNR. Appleton Papers close to deal on PCB compensation - Compensation talks and cleanup planning will continue along with preliminary projects*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Jeff Decker

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) News-Chronicle

Date Published: June 13, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 232

Title: *Pact may speed up Fox River PCB cleanup - Paper companies to pay \$40 million over 4-year period*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: June 13, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 233

Title: ***Deal reached to clean Fox River - \$40 million agreement would fund four years of work on waterway***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Jo Sandin

**Preparer/Author
Address:**

Prepared For: The Milwaukee (WI) Journal Sentinel

Date Published: June 12, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 234

Title: ***Accord near on Fox River cleanup***

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Andy Hall

**Preparer/Author
Address:**

Prepared For: The Madison (WI) Wisconsin State Journal

Date Published: June 12, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 235

Title: ***Technology may melt away PCBs - Test this week may offer new disposal option***

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: Ed Culhane

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: June 17, 2001

**Key Words and
Phrases:** Minergy

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 236

Title: *PCB melting tests begin today - Minergy Corp. explores construction uses for decontaminated Fox River mud*

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: Ed Culhane

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: June 20, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 243

Title: *PCB-cleanup agreement filed in federal court*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: August 15, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 249

Title: *Sides at Fox Hearing Split Down the Middle - Costs and effects of PCB cleanup in the Fox River are argued*

Location: AEM

Category: Site Update

Prepared by/Author: Michelle Kennedy

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) News-Chronicle

Date Published: October 31, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D
Title: *PCB Cleanup Plan Costs Disputed*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press Gazette
Date Published: October 31, 2001
Key Words and Phrases:

ReferenceID: 250

Reference Type: D
Title: *Judge Approves \$40 Million Payout for River by Appleton Papers, NCR*
Location: AEM
Category: Site Update
Prepared by/Author: Ed Culhane
Preparer/Author Address:
Prepared For: The Appleton (WI) Post-Crescent
Date Published: December 13, 2001
Key Words and Phrases:

ReferenceID: 258

Reference Type: D
Title: *Costs for PCB cleanup yet to be allocated*
Location: AEM
Category: Site Update
Prepared by/Author: Duke Behnke and Richard Ryman
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: November 11, 2001
Key Words and Phrases:

ReferenceID: 260

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 261

Title: *Responsible companies will deal with costs in different ways*

Location: AEM

Category: Site Update

Prepared by/Author: Duke Behnke and Richard Ryman

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 11, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 262

Title: *\$308 million estimate seen as low by some*

Location: AEM

Category: Site Update

Prepared by/Author: Duke Behnke

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 11, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 263

Title: *Cleanup impact uncertain*

Location: AEM

Category: Site Update

Prepared by/Author: Duke Behnke and Richard Ryman

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 11, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 264

Title: *Itemized PCB bill eludes DNR*

Location: AEM

Category: Site Update

Prepared by/Author: Duke Behnke and Richard Ryman

Preparer/Author

Address:

Prepared For: The Appleton (WI) Post-Crescent

Date Published: November 11, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 274

Title: *Scientists dispute bay's PCB content*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: January 6, 2002

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 275

Title: *Two estimates on PCB level are far apart*

Location: AEM

Category: Site Update

Prepared by/Author: Associated Press

Preparer/Author

Address:

Prepared For: The Madison (WI) Wisconsin State Journal

Date Published: January 6, 2002

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 276

Title: ***Cleanup of PCBs from bay urged***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Marinette (WI) Eagle Herald

Date Published: November 17, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 277

Title: ***Good News for Fox River (Editorial)***

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Milwaukee (WI) Journal Sentinel

Date Published: December 28, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 278

Title: ***Georgia-Pacific says no to storing PCBs***

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

Preparer/Author

Address:

Prepared For: The Appleton (WI) Post-Crescent

Date Published: November 25, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 294

Title: ***Time ticking down for PCB comments***

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: December 27, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 295

Title: ***Sierra Club critical of PCB plan***

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: December 22, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 296

Title: ***Editorial: Cooperation needed for Fox cleanup***

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: December 17, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 297

Title: *Fox PCB cleanup plan may rely on pipeline*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: December 16, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 298

Title: *Appleton Papers, NCR agree to pay PCB cleanup fee*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: December 14, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 299

Title: *PCBs in the bay*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 15, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D
Title: *Shoreline residents hit PCB plan*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: December 14, 2001
Key Words and Phrases:

ReferenceID: 300

Reference Type: D
Title: *Study: Fox fish advisory understates risk*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: December 13, 2001
Key Words and Phrases:

ReferenceID: 301

Reference Type: D
Title: *State seeks comment from public on human health related to river*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: December 8, 2001
Key Words and Phrases:

ReferenceID: 302

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D
Title: *Students scrutinize PCB plan*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: December 5, 2001
Key Words and Phrases:

ReferenceID: 303

Reference Type: D
Title: *PCB capping would be quicker, panel says*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: December 5, 2001
Key Words and Phrases:

ReferenceID: 304

Reference Type: D
Title: *Panel suggests capping Fox PCBs*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: December 4, 2001
Key Words and Phrases:

ReferenceID: 305

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 306

Title: *Survey: State willing to pay for PCB cleanup*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: December 2, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 307

Title: *PCB dredgings in perspective*

Location: AEM

Category: Site Update

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 4, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 308

Title: *Search on for PCB disposal site*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 25, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D
Title: *Cleanup possible for bay, study says*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: November 16, 2001
Key Words and Phrases:

ReferenceID: 309

Reference Type: D
Title: *Most say they'd pay PCB costs*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: November 15, 2001
Key Words and Phrases:

ReferenceID: 310

Reference Type: D
Title: *Forum to focus on benefits of cleaned-up Fox River*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: November 14, 2001
Key Words and Phrases:

ReferenceID: 311

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D
Title: *A look at the cleanup*
Location: AEM
Category: Site Update
Prepared by/Author:
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 3, 2001
Key Words and Phrases:

ReferenceID: 312

Reference Type: D
Title: *Panel to share perspective on PCB cleanup proposal*
Location: AEM
Category: Site Update
Prepared by/Author:
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: November 11, 2001
Key Words and Phrases:

ReferenceID: 313

Reference Type: D
Title: *Deep-water disposal of bay PCBs under consideration*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: November 4, 2001
Key Words and Phrases:

ReferenceID: 314

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D

ReferenceID: 315

Title: *Economic fallout from PCB cleanup worries chamber leader*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 30, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 316

Title: *Fox cleanup cost under scrutiny*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 30, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 317

Title: *Meeting terminology debated*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 30, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 318

Title: *Public meetings to discuss PCBs*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 28, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 319

Title: *Fox Valley chamber chief rips DNR plan*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Lowe

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 27, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 320

Title: *Stronger PCB plan needed, says toxicologist*

Location: AEM

Category: Site Update

Prepared by/Author: Karen Rauen

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 25, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D
Title: *PCB proposal falls short, group says*
Location: AEM
Category: Site Update
Prepared by/Author: Ed Lowe
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 24, 2001
Key Words and Phrases:

ReferenceID: 321

Reference Type: D
Title: *Pilot furnace offers an alternative to landfilling PCBs*
Location: AEM
Category: Site Update
Prepared by/Author: Ed Culhane
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 22, 2001
Key Words and Phrases: Minergy

ReferenceID: 322

Reference Type: D
Title: *Fish advisories cornerstone of PCB cleanup*
Location: AEM
Category: Site Update
Prepared by/Author: Peter Rebhahn
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 21, 2001
Key Words and Phrases:

ReferenceID: 323

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 324

Title: *Appleton Papers working on its own Fox River PCBs study*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 20, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 325

Title: *Informational meetings to help explain Fox River cleanup plan*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 17, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 326

Title: *Bay dredging would run PCB tab to \$1 billion*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 14, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 327

Title: *County studies landfill options*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 14, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 328

Title: *PCB level called a good compromise*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 7, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 329

Title: *Editorial: Mills, state must get Fox work started*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 6, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 330

Title: *County doesn't want Fox River dredgings*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 4, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 331

Title: *Fox plan spans decades*

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 3, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 332

Title: *Anglers welcome river cleanup*

Location: AEM

Category: Site Update

Prepared by/Author: Nathan Phelps

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 3, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D
Title: ***DNR plan pleases lawmakers***
Location: AEM
Category: Site Update
Prepared by/Author: John Dipko
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 3, 2001
Key Words and Phrases:

ReferenceID: 333

Reference Type: D
Title: ***Fox proposal concerns paper workers***
Location: AEM
Category: Site Update
Prepared by/Author: Mike Hoeft
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 3, 2001
Key Words and Phrases:

ReferenceID: 334

Reference Type: D
Title: ***Toxic sediment bound for landfills***
Location: AEM
Category: Site Update
Prepared by/Author: John Dipko
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: October 3, 2001
Key Words and Phrases:

ReferenceID: 335

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 336

Title: *Questions on PCBs answered*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 3, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 337

Title: *Key dates in the Fox River cleanup process*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: October 3, 2001

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 338

Title: *The Fox River Group*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: November 12, 2001

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: D
Title: *Clues to costs buried in PCB plan*
Location: AEM
Category: Site Update
Prepared by/Author: Ed Culhane
Preparer/Author Address:
Prepared For: The Appleton (WI) Post-Crescent
Date Published: December 16, 2001
Key Words and Phrases:

ReferenceID: 340

Reference Type: D
Title: *Company recommends burning PCBs - DNR considers new dimension in Fox cleanup*
Location: AEM
Category: Contaminated Sediments: Treatment Technologies
Prepared by/Author: Ed Culhane
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: February 4, 2002
Key Words and Phrases: Minergy

ReferenceID: 343

Reference Type: D
Title: *Thousands speak out on PCB cleanup*
Location: AEM
Category: Site Update
Prepared by/Author: Ed Culhane
Preparer/Author Address:
Prepared For: The Green Bay (WI) Press-Gazette
Date Published: February 1, 2002
Key Words and Phrases:

ReferenceID: 344

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 345

Title: ***PCB furnace shows promise - Minergy suggests river cleanup method less costly than landfill***

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: Ed Culhane

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: February 3, 2002

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 346

Title: ***PCB-capping letter not signed by Brown County - 3 other counties endorsed request***

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: January 24, 2002

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 347

Title: ***PCB standard called 'unattainable' - Fox River Group opposes cleanup plan***

Location: AEM

Category: Site Update

Prepared by/Author: Peter Rebhahn

**Preparer/Author
Address:**

Prepared For: The Green Bay (WI) Press-Gazette

Date Published: January 13, 2002

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 354

Title: *State DNR sifts through torrent of river input*

Location: AEM

Category: Site Update

Prepared by/Author: Ed Culhane

Preparer/Author

Address:

Prepared For: The Appleton (WI) Post-Crescent

Date Published: January 21, 2002

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 422

Title: *Georgia-Pacific Unit to Pay \$10 Million in PCB Case*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Reuters

Preparer/Author

Address:

Prepared For: The New York (NY) Times

Date Published: June 21, 2002

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 428

Title: *PCB deal reclaims habitat*

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Ed Culhane

Preparer/Author

Address:

Prepared For: The Appleton (WI) Post-Crescent

Date Published: June 20, 2002

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D

ReferenceID: 429

Title: **Group says G-P deal not enough**

Location: AEM

Category: Natural Resource Damages

Prepared by/Author: Ed Lowe

**Preparer/Author
Address:**

Prepared For: The Appleton (WI) Post-Crescent

Date Published: June 21, 2002

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 489

Title: **Companies to Pay for Fox River Cleanup**

Location: AEM

Category: Site Update

Prepared by/Author: The Associated Press

**Preparer/Author
Address:**

Prepared For: The New York (NY) Times

Date Published: October 1, 2003

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 490

Title: **Wis. officials reject request for mediation of Fox River cleanup**

Location: AEM

Category: Site Update

Prepared by/Author: Unknown

**Preparer/Author
Address:**

Prepared For: Greenwire

Date Published: January 23, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type:

D

ReferenceID: 491

Title:

Dredging of Toxins Recommended in Wisc.

Location:

AEM

Category:

Site Update

Prepared by/Author:

The Associated press

Preparer/Author

Address:

Prepared For:

The New York (NY) Times

Date Published:

July 29, 2003

**Key Words and
Phrases:**

Reference Type:

D

ReferenceID: 492

Title:

Glatfelter, WTM 1 Agree to Pay \$54 Mln for Cleanup

Location:

AEM

Category:

Site Update

Prepared by/Author:

Dow Jones Newswires

Preparer/Author

Address:

Prepared For:

The Wall Street Journal

Date Published:

October 1, 2003

**Key Words and
Phrases:**

Reference Type:

D

ReferenceID: 513

Title:

DNR report to bury landfill opposition

Location:

AEM

Category:

Contaminated Sediments: Treatment Technologies

Prepared by/Author:

Ed Lowe

Preparer/Author

Address:

Prepared For:

The Appleton (WI) Post-Crescent

Date Published:

January 28, 2004

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: D
Title: ***Fox PCB cleanup moves forward***
Location: AEM
Category: Site Update
Prepared by/Author: Ed Culhane
Preparer/Author Address:
Prepared For: The Appleton (WI) Post-Crescent
Date Published: March 18, 2004
Key Words and Phrases:

ReferenceID: 514

Reference Type: E
Title: ***Mobility of 2,2',5,5'-Tetrachlorobiphenyl in Model Systems Containing Bottom Sediments and Water from the Lower Fox River, Wisconsin***
Location: AEM
Category: Modeling
Prepared by/Author: John F. Elder, Ronald V. James and Jeffrey J. Steuer
Preparer/Author Address: U.S. Geological Survey
Prepared For: Journal of Great Lakes Research 22 (3): 697-706
Date Published: 1996
Key Words and Phrases:

ReferenceID: 25

Reference Type: E
Title: ***Use of Human Health - and Ecological-Based Goals in Developing a Whole River Sediment Strategy: Fox River, Wisconsin***
Location: AEM
Category: Site Update
Prepared by/Author: Robert L. Paulson
Preparer/Author Address: Wisconsin Dept. of Natural Resources
Madison, WI
Prepared For: National Sediment Bioaccumulation Conference
Date Published: September 11 - 13, 1996
Key Words and Phrases:

ReferenceID: 39

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: E

ReferenceID: 109

Title: ***An Overview of Wisconsin's Sediment Management Program***

Location: AEM

Category: Contaminated Sediments: Management Issues

Prepared by/Author: William P. Fitzpatrick

Preparer/Author Wisconsin Department of Natural Resources

Address: P.O. Box 7921
Madison, WI 53707-7921

Prepared For: Cooperative Programs for Sediment Management, NJ Maritime Resources,
Newark, NJ

Date Published: February 10, 1997

**Key Words and
Phrases:**

Reference Type: E

ReferenceID: 112

Title: ***WDNR; Development of a Whole River Remediation Strategy -
Fox River, Wisconsin***

Location: AEM

Category: Contaminated Sediments: Remedial Options/Guidance

Prepared by/Author: (1) Robert Paulson, (2) Mark Velleux, and (3) William Fitzpatrick

Preparer/Author (1) Wisconsin Department of Natural Resources

Address: Madison, WI
(2) AScI Corporation
(3) Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921

Prepared For: Society of Environmental Toxicology and Chemistry, Midwest Chapter, Fifth
Annual Meeting, Green Bay, WI

Date Published: April 2 - 4, 1997

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: E

ReferenceID: 120

Title: *Sediment Management Seminar 2000 Proceedings (Reference E-121)*

Location: AEM

Category: Dredging: Remedial (Contaminated Sediments)

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

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

Prepared For: Attendees

Date Published: February 10-11, 2000

Key Words and Phrases:

Reference Type: E

ReferenceID: 225

Title: *Beneficial Use of Lower Fox River Contaminated Sediment*

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: (1) Robert Paulson, (2) Terry Carroll, (3) Tom Baudhuin

Preparer/Author Address: (1) The RETEC Group, Inc.
22 North Carroll Street, Suite 370
Madison, WI 53703
(2), (3) Minergy Corporation
1512 South Commercial Street
Neenah, WI 54957

Prepared For: WEDA XXIII Conference, Chicago, IL

Date Published: June 10-13, 2003

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: E

ReferenceID: 264

Title: *High-Resolution Geophysical and Hydrographic Survey Applications on the Lower Fox River, Wisconsin*

Location: AEM

Category: Contaminated Sediments: Investigation/Delineation

Prepared by/Author: (1) M.K. Meyer, (2) R.L. Paulson, (3) E.K. Lynch

Preparer/Author Address: (1) and (2) The RETEC Group, Inc.
22 North Carroll Street, Suite 370
Madison, WI 53703
(3) Wisconsin DNR
Bureau of Remediation and Redevelopment
P.O. Box 7921
Madison, WI 53707

Prepared For: WEDA XXIV, Orlando, FL

Date Published: July 6-9, 2004

Key Words and Phrases:

Reference Type: F

ReferenceID: 25

Title: *Factors Influencing the Development of a Biostimulant for the In-Situ Anaerobic Dechlorination of Polychlorinated Biphenyls in Fox River, Wisconsin Sediments.*

Location: AEM

Category: Site Update

Prepared by/Author: (1) Matthew B. Hollifield, (2) Jae K. Park, (3) William C. Boyle and (4) Paul R. Fritschel

Preparer/Author Address: (1) Radian Corporation;
(2, 3, and 4) University of Wisconsin

Prepared For: Dredging, Remediation, and Containment of Contraminated Sediments
(ASTM PCN 04-012930-38)

Date Published: 1995

Key Words and Phrases:

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: G **ReferenceID:** 3
Title: **Remediation Risk Management and Cost Variables**
Location: AEM
Category: Site Update
Prepared by/Author: Bill Fitzpatrick
Preparer/Author Address: WIDNR
Prepared For: Fox River Coalition Meeting Presentation
Date Published: November 28, 1995
Key Words and Phrases:

Reference Type: G **ReferenceID:** 4
Title: **Environmental Health Evaluation**
Location: AEM
Category: Site Update
Prepared by/Author: Dr. Henry Anderson
Preparer/Author Address: Wisconsin Department of Public Health
Prepared For: Fox River Coalition Meeting Presentation
Date Published: November 28, 1995
Key Words and Phrases:

Reference Type: I **ReferenceID:** 72
Title: **Letter re: Permitting Feasibility - Sediment Melter Plant**
Location: AEM
Category: Contaminated Sediments: Treatment Technologies
Prepared by/Author: Terrence Carroll, Regional Manager, Minergy
Preparer/Author Address:
Prepared For: Robert Paulson, Wisconsin DNR, 101 South Webster, P.O.Box 7921, Madison, WI 53707
Date Published: January 21, 2002
Key Words and Phrases: Minergy

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: J
Title: *An Incinerator in Downtown Neenah ?*
Location: AEM
Category: Contaminated Sediments: Treatment Technologies
Prepared by/Author: The Clean Air Council
Preparer/Author Address:
Prepared For: Neenah, WI, Residents
Date Published: 1998 circa
Key Words and Phrases: Minergy

ReferenceID: 24

Reference Type: L
Title: *Memo re: Proposed Thermal Treatment Technologies for Use on Fox River Sediments*
Location: AEM
Category: Contaminated Sediments: Treatment Technologies
Prepared by/Author: AEM, Inc.
Preparer/Author Address: Malvern, PA 19355
Prepared For: Distribution
Date Published: August 18, 1999
Key Words and Phrases: Minergy

ReferenceID: 52

Reference Type: L
Title: *Memo re: Review of the Proposed Remedial Action Plan for the Lower Fox River and Green Bay*
Location: AEM
Category: Site Update
Prepared by/Author: AEM, Inc.
Preparer/Author Address: Malvern, PA 19355
Prepared For: Distribution
Date Published: October 25, 2001
Key Words and Phrases:

ReferenceID: 130

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: L

ReferenceID: 143

Title: ***Maximum Baseline Cancer Risks for Contaminated Sediment Sites***

Location: AEM

Category: Risk Assessment

Prepared by/Author: AEM, Inc.

**Preparer/Author
Address:**

Prepared For: Distribution

Date Published: October 22, 2001

**Key Words and
Phrases:**

Reference Type: L

ReferenceID: 152

Title: ***Memo re: WDNR - LFR - Glass Furnace Technology.htm***

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: AEM, Inc.

**Preparer/Author
Address:**

Prepared For: Distribution

Date Published: September 19, 2001

**Key Words and
Phrases:** Minergy

Reference Type: M

ReferenceID: 18

Title: ***Dredging Questions and Answers (with memo from GE)***

Location: AEM

Category: Dredging: Remedial (Contaminated Sediments)

Prepared by/Author: Fox River Coalition

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: Undated

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: M

ReferenceID: 19

Title: *White Paper: EPA's Proposal for the Fox River Falls Far Short of its Peer Review Policy and its Peer Review Programs for other Contaminated River Systems (with transmittal letter)*

Location: AEM

Category: Response Comments

Prepared by/Author: Fox River Group

**Preparer/Author
Address:**

Prepared For: US EPA Region V

Date Published: January 27, 1999

**Key Words and
Phrases:**

Reference Type: M

ReferenceID: 24

Title: *The Fox River Coalition*

Location: AEM

Category: Site Update

Prepared by/Author: Jo Mercurio

**Preparer/Author
Address:**

Prepared For: Information Brochure

Date Published: 1994 late

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: M

ReferenceID: 79

Title: *Comments of the Fox River Group on the Wisconsin Department of Natural Resources' Draft Remedial Investigation, Baseline Human Health and Ecological Risk Assessment and Draft Feasibility Study for the Lower Fox River (Volume 1 of 12)*

Location: AEM

Category: Response Comments

Prepared by/Author: The Fox River Group

**Preparer/Author
Address:**

Prepared For: WDNR and US EPA

Date Published: April 12, 1999

**Key Words and
Phrases:**

Reference Type: M

ReferenceID: 85

Title: *EPA Cleanup Efforts at Manistique: The Facts*

Location: AEM

Category: Dredging; Remedial (Contaminated Sediments)

Prepared by/Author: Fox River Group

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: Undated (circa April 19, 1999)

**Key Words and
Phrases:**

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: M

ReferenceID: 205

Title: *Sensible Solutions for the Fox River: The Role of Nature and Technology in Restoring the Fox River While Preserving the Vitality of Our Communities*

Location: AEM

Category: Contaminated Sediments: Remedial Options/Guidance

Prepared by/Author: The Fox River Group

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: June 1999

**Key Words and
Phrases:**

Reference Type: M

ReferenceID: 206

Title: *EPA's Peer Review Reveals Serious Flaws in Proposed Cleanup Plan; Peer Reviewers Echo Fox River Group Concerns*

Location: AEM

Category: Site Update

Prepared by/Author: Fox River Group

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: November 9, 1999

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: M

ReferenceID: 207

Title: *Peer Review of the Remedial Investigation and Data Management Reports for the Lower Fox River Natural Resources Damage Assessment Site*

Location: AEM

Category: RI/FS

Prepared by/Author: Peer Review Panel (Dr. Nancy C. Rothman, Dr. Jack Adams, David Templeton, Nancy Musgrove as moderator)

Preparer/Author Address:

Prepared For: WDNR and US EPA

Date Published: 1999 circa

Key Words and Phrases:

Reference Type: M

ReferenceID: 208

Title: *Peer Review of the Draft Feasibility Study for the Lower Fox River Natural Resources Damage Assessment Site*

Location: AEM

Category: RI/FS

Prepared by/Author: Peer Review Panel (Clayton Patmont, Michael Barden, Danny Reible, Robert Gilbertsen as moderator)

Preparer/Author Address:

Prepared For: WDNR and US EPA

Date Published: 1999 circa

Key Words and Phrases:

REFERENCES

Project Name **FOX RIVER - PROJECT 4 (OUs 2 - 5)**

ProjectID: 05-43

Reference Type: M

ReferenceID: 214

Title: ***Proposed Thermal Treatment Technologies for Use on Fox River Sediments***

Location: AEM

Category: Contaminated Sediments: Treatment Technologies

Prepared by/Author: AEM, Inc.

Preparer/Author Address: Malvern, PA 19355

Prepared For: General Electric

Date Published: August 18, 1999

Key Words and Phrases:

Reference Type: M

ReferenceID: 383

Title: ***White Paper: Review of USEPA FIELDS Group Analysis of Sediment Bed Elevation Changes***

Location: AEM

Category: Contaminated Sediments: Investigation/Delineation

Prepared by/Author: Fox River Group

Preparer/Author Address:

Prepared For: Distribution

Date Published: April 2002

Key Words and Phrases:

Reference Type: M

ReferenceID: 398

Title: ***White Paper: Declining PCB Trends in Fish from the Lower Fox River***

Location: AEM

Category: Fish/Biota

Prepared by/Author: Fox River Group

Preparer/Author Address:

Prepared For: Distribution

Date Published: March 2002

Key Words and Phrases:

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: M

ReferenceID: 411

Title: *White Paper: The Effectiveness of Dredging on the Lower Fox River and at other dredging projects throughout the U.S.*

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Fox River Group

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: January 2002

**Key Words and
Phrases:**

Reference Type: M

ReferenceID: 430

Title: *Opinion of Potential Costs for Dredging Fox River Sediments of the Sort Envisioned in WDNR's Proposed Plan*

Location: AEM

Category: Site Update

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

**Preparer/Author
Address:**

Prepared For: The Fox River Group

Date Published: January 2002

**Key Words and
Phrases:**

REFERENCES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Reference Type: M

ReferenceID: 444

Title: *Comparison of the Long-Term Risks of Removal and In Situ Management of Contaminated Sediments in the Fox River*

Location: AEM

Category: Site Update

Prepared by/Author: (1) Danny Reible, (2) Don Hayes, (3) Cecil Lue-Hing, (4) James Patterson, (5) Nani Bhowmik, (6) Martin Johnson, (7) John Teal

Preparer/Author Address: Louisiana State University
Hazardous Substance Research Center
3221 CEBA
Baton Rouge, LA 70803

Prepared For: Soil and Sediment Contamination (Vol. 12, Issue 3)

Date Published: 2003

Key Words and Phrases:

Reference Type: N

ReferenceID: 57

Title: *e-mail re: Fox R. Dredging*

Location: AEM

Category: Site Update

Prepared by/Author: Wisconsin DNR PM

Preparer/Author Address:

Prepared For: AEM, Inc.

Date Published: June 30, 2004

Key Words and Phrases:

Reference Type: O

ReferenceID: 15

Title: *Review of the Feasibility Study and the Proposed Remedial Action Plan for the Lower Fox River and Green Bay*

Location: AEM

Category: Miscellaneous

Prepared by/Author: Unknown

Preparer/Author Address:

Prepared For: Unknown

Date Published: January 2002 circa

Key Words and Phrases:

REFERENCES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Reference Type: P

ReferenceID: 11

Title: ***Fish Data and Information***

Internet:

<http://www.dnr.state.wi.us/org/water/wm/lowerfox/fish/index.html>

Location: AEM

Category: Fish/Biota

Prepared by/Author: Wisconsin Department of Natural Resources

Preparer/Author

Address:

Prepared For: General Public

Date Published: June 8, 1998

Key Words and

Phrases:

MODELING

Project Name: FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Last Updated: 04/15/99

Modeling Performed: (1) GBTOX
(2) In-place Pollutant Export Model (IPX)
(3) Upstream Fox River Modeling (UFRM)

Modeling Objectives: (1) Simulate the transport and fate of PCBs in Green Bay.

(2) Predict temporary increases in both the PCB concentration in surficial sediments and the PCB concentration in suspended sediments in response to future high-flow events.

(3) Identify the physical processes important for understanding present-day water column PCB concentrations and transport fluxes; assist in understanding future river conditions.

Modeling Description: (1) The model contains a water balance, a sorbent mass balance supported by a separate eutrophication model, and a toxic chemical mass balance that integrates all three. This is used to relate time-variable concentrations of PCBs in the water and sediments of Green Bay to external loadings and forcing functions.

(2) The IPX is a screening-level model for estimating contaminant export from tributaries with contaminated sediments to receiving waterbodies, and is based on the WASP4 modeling framework developed by the USEPA.

(3) WASP4

Company Performing Modeling: (1) USEPA-LLRS
(2) Mark Velleux (WI DNR), Joseph Gailani (USACE), Doug Endicott (USEPA).
(3) WI DNR

Modeling Status: (1) Models were being re-evaluated.
(2) Model was being re-evaluated.
(3) Model was being re-evaluated.

Modeling Summary: (1) Estimated trends and present day concentrations of PCBs in water, sediment, and fish. Forecasts for water, sediment, and fish models for 100-years and for a "worst case" situation (including a 100-year flood event). Also forecasts were used to predict environmental endpoints achievable with "no action" and with varying levels of remediation scenarios.

(2) Case studies performed on the upper and lower Fox River in Wisconsin, and the Buffalo and Oswego Rivers in New York.

(3) Water column concentrations, PCB advection.

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 1240
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: pike-northern
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1241
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: pike-northern
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1242
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: bass-smallmouth
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 1243
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: bass-white
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1244
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: bass-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: River ***Advisory Number:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1245
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: bass-smallmouth
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 1246
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: perch-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: River ***Advisory Number:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1247
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: perch-yellow
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1248
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: perch-yellow
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:*** 4259
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 1249
Extent: From Little Lake Butte des Morts to the dam at DePere
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: River ***Advisory Number:*** 4259

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1250
Extent: From Little Lake Butte des Morts to the dam at DePere
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: River ***Advisory Number:*** 4259

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1251
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: carp
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River ***Advisory Number:*** 4259

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 1252
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: perch-white
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:*** 4259

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 1253
Extent: From Little Lake Butte des Morts to the dam at DePere
Pollutant: PCBs (total)
Species: carp
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:*** 4259

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 185
Extent: From mouth at Green Bay up to DePere 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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 186
Extent: From mouth at Green Bay up to DePere 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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 187
Extent: From mouth at Green Bay up to DePere Dam
Pollutant: PCBs (total)
Species: catfish-channel
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River ***Advisory Number:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 188
Extent: From mouth at Green Bay up to DePere Dam
Pollutant: PCBs (total)
Species: sheepshead
Population: NCGP
Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River ***Advisory Number:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 189
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<hr/>		
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 190
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	pike-northern	
<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> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<hr/>		
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 191
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	sheepshead	
<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> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 192
Extent: From mouth at Green Bay up to DePere Dam
Pollutant: PCBs (total)
Species: sucker-white
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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 193

Extent: From mouth at Green Bay up to DePere 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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 194

Extent: From mouth at Green Bay up to DePere Dam

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: River ***Advisory Number:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 195
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 197
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 199
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	catfish-channel	
<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> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 200
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-rock	
<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> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 201
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-rock	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 202
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-smallmouth	
<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> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614

FISH ADVISORIES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 203
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	sucker-white	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<hr/>		
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 204
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	walleye	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<hr/>		
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 205
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-smallmouth	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614

FISH ADVISORIES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i>	206
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam		
<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>	River	<i>Advisory Number:</i>	882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>	
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i>	608-262-7614
<hr/>			
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i>	532
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam		
<i>Pollutant:</i>	PCBs (total)		
<i>Species:</i>	crappie-black		
<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>	882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>	
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i>	608-262-7614
<hr/>			
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i>	533
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam		
<i>Pollutant:</i>	PCBs (total)		
<i>Species:</i>	crappie-black		
<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>	River	<i>Advisory Number:</i>	882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>	
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i>	608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Fox River, Lower ***AdvisoryID:*** 534
Extent: From mouth at Green Bay up to DePere Dam
Pollutant: PCBs (total)
Species: perch-yellow
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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 535

Extent: From mouth at Green Bay up to DePere Dam

Pollutant: PCBs (total)

Species: perch-yellow

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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

Advisory: Fox River, Lower ***AdvisoryID:*** 537

Extent: From mouth at Green Bay up to DePere Dam

Pollutant: PCBs (total)

Species: sheepshead

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:*** 882

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

Contact Name: Candy Schrank ***Contact Number:*** 608-262-7614

FISH ADVISORIES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 538
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	sheepshead	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<hr/>		
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 539
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	sunfish-bluegill	
<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> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614
<hr/>		
<i>Advisory:</i>	Fox River, Lower	<i>AdvisoryID:</i> 540
<i>Extent:</i>	From mouth at Green Bay up to DePere Dam	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	sunfish-bluegill	
<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>	River	<i>Advisory Number:</i> 882
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-262-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1206
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: bass-smallmouth
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1207
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: bass-smallmouth
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 671
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to 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: Great Lake ***Advisory Number:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1208
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: bass-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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 672
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to 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: Great Lake ***Advisory Number:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1209
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: carp-common
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1210
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: catfish-channel
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1211
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: catfish-channel
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1212
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1213
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1214
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: perch-yellow
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1215
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: perch-yellow
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1216
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: pike-northern
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 673
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: pike-northern
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 674
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: salmon-chinook
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1217
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: salmon-chinook
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 675
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to 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: Great Lake ***Advisory Number:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1218
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1219
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
Pollutant: PCBs (total)
Species: sucker-white
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1220
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 679
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 677
<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-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>	Great Lake	<i>Advisory Number:</i> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
<hr/>		
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 678
<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-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>	Great Lake	<i>Advisory Number:</i> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
<hr/>		
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 676
<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-brown	
<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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614

FISH ADVISORIES

Project Name FOX RIVER - PROJECT 4 (OUs 2 - 5)

ProjectID: 05-43

<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i>	680
<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>	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>	880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>	
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i>	608-267-7614
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i>	1221
<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>	880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>	
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i>	608-267-7614
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i>	683
<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-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>	880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>	
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i>	608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 681
<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-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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
<hr/>		
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 682
<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-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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
<hr/>		
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 1222
<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-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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 684
<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>	walleye	
<i>Population:</i>	NCCP	
<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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 1224
<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>	walleye	
<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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614
<i>Advisory:</i>	Green Bay	<i>AdvisoryID:</i> 1225
<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>	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> 880
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Candy Schrank	<i>Contact Number:</i> 608-267-7614

FISH ADVISORIES

Project Name ***FOX RIVER - PROJECT 4 (OUs 2 - 5)***

ProjectID: 05-43

Advisory: Green Bay ***AdvisoryID:*** 1223
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1226
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614

Advisory: Green Bay ***AdvisoryID:*** 1227
Extent: South of Marinette and its tributaries (except the Lower Fox River) including the Menominee, Oconto, Peshtigo Rivers, from mouths upstream to first dam
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:*** 880
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Candy Schrank ***Contact Number:*** 608-267-7614
