# 9.0 MONITORING TO CHARACTERIZE CSO IMPACTS AND EFFICACY OF CSO CONTROLS

EPA's NMC Guidance explains that the ninth NMC "involves visual inspections and other simple methods to determine the occurrence and apparent impacts of CSOs" and "is the precursor to the more extensive characterization and monitoring efforts to be conducted as part of the LTCP."

### 9.1 INTRODUCTION

The NMC are technology-based controls, applied on a site-specific basis, to reduce the magnitude, frequency, and duration of CSOs. The implementation of the NMC establishes the baseline conditions upon which the LTCP will be developed.

Monitoring is specifically included as the ninth NMC. The ninth NMC is titled "Monitoring to Characterize CSO Impacts and Efficacy of CSO Controls".

Implementation of this control would typically involve the following activities:

- Mapping the drainage area for the CSS, including the locations of all CSO outfalls and receiving waters.
- Identifying, for each receiving water body, designated and existing uses, applicable water quality criteria, and whether water quality standards (WQS) are currently being attained for both wet weather and dry weather.
- Developing a record of overflow occurrences (number, volume, frequency, and duration).
- Compiling existing information on water quality impacts associated with CSOs (e.g., beach closings, evidence of floatables wash-ups, fish kills, sediment accumulation, and the frequency, duration, and magnitude of instream WQS violations)."
- Developing a long-term monitoring plan for the LTCP.

### 9.2 IMPLEMENTATION OF THE NINTH MINIMUM CONTROL

### 9.2.1 Mapping the CSS and Its Drainage Area

Fort Wayne's geographic information system (GIS) contains graphic information on all the sewers and sewer structures, including CSO regulators and discharge points, that the City operates and on all waters that receive discharges from its sewer system. The City's GIS also



contains information on sewer type (sanitary, storm, or combined), size, construction material, and age. This information has been used to delineate the areas served by major branches of each type of sewer. Figure 9-1 shows the CSS drainage subbasins, CSS trunk sewers, regulators, interceptors, CSO discharge points, and the water bodies that receive CSO discharges. This figure is typical of the type of maps that can be produced by the City's GIS.

# **9.2.2 Identification of Designated and Existing Uses, Water Quality Criteria, and Compliance Status**

All waters of the State of Indiana have been given fishable/swimmable use designations. For waters in the Great Lakes Basin, which includes the receiving waters of the City's CSS, the designated uses are described in 327 IAC 2-1.5-5. The applicable water quality standards (WQS) can be found in 327 IAC 2-1.5-8. Indiana's integrated water monitoring and assessment reports show that existing WQS are not being met at all times in receiving waters of the CSS. A more detailed discussion of this issue can be found in Exhibit I-1.

As detailed at Chapter 2 of the City's LTCP, the City has long conducted (in cooperation with IDEM) monthly water quality monitoring at six locations, an upstream and downstream location for each river, throughout the year. The City supplements its monthly sampling during the recreational season with weekly monitoring at the same six locations. Additionally, the City completed two significant river water quality sampling and characterization programs to further characterize receiving waters. A summary of these two programs and identified WQS excursions can be found in Exhibit I-2.

### 9.2.3 Monitoring of CSO Discharges

The City has been visually inspecting its regulators and associated discharge points in compliance with the requirements of an Administrative Order issued by U.S. EPA in 2003. The number and size of wet weather events that caused overflows in 2006 at each regulator are summarized in Exhibit I-3. Also in compliance with the aforementioned Administrative Order, a metering program has been implemented to measure overflow volume and duration with respect to 39 CSO outfalls. Pump data is used to determine the duration and volume of discharges at another\_5\_CSO outfalls. The 2006 results of this program are summarized in Exhibit I-4.

# **9.2.4** Compilation of Information on Water Quality Impacts From CSO Discharges

The information that exists on water quality impacts is not specific to There is evidence of floatable trash (plastic bottles, aluminum CSOs. cans, styrofoam, etc.) accumulating around bridges and riverbanks. The floatable trash, however, does not seem to be concentrated around or just downstream of CSO discharge points. This is discussed and illustrated in greater detail in Chapter 6 of the CSO Operations Plan. Indiana has issued fish advisories for CSO receiving waters, but the advisories are applicable upstream of the CSOs as well as downstream. A copy of the most recent fish advisory can be found in Exhibit I-5. Although several river sampling programs have been undertaken, the frequency, duration, and magnitude of instream WQS excursions can only be estimated and CSOs are not the only cause of these excursions. The City's rivers have been analyzed for fish advisory. Mercury and PCBs are the fish tissue contaminants identified. Both the 2004 and 2006 303(d) reports list only PCBs for a fish advisory. The City has tested CSOs and did not find PCBs present. This indicates that fish advisories are not a result of CSOs. There are no beaches in the area and, consequently, no beach closures occur. No fish kills have been reported in the sewer system's receiving waters for at least 10 years. Sediment accumulation has not caused or created any reported problems.

### 9.2.5 Summary of Findings

The City's review of existing information indicates that the sewer system's receiving waters do not meet all WQS all of the time. The water bodies assessed by the State of Indiana generally fully support aquatic life, partially support fish consumption, but do not support primary contact recreation at all times. Mercury and PCBs have been found in the tissue of some fish. River sampling has found a small number of exceedences for the CCC limits for cadmium, copper, and lead. No CMC exceedences were found. The collected data indicate that CSOs are not a significant source of these pollutants. Indeed, to the extent CSOs are a contributing source at all, the contribution is minor. Bacteria exceedences were found to be relatively frequent and applicable to all receiving waters. CSOs are a significant, but not only, contributing source of this pollutant.

### 9.2.6 Developing a Long-Term Monitoring Plan for the LTCP

Because the LTCP is based on more detailed knowledge of the CSS and receiving waters than is necessary to implement the NMC, the extent of characterization for the LTCP development is more sophisticated. The system components that must be examined as part of the LTCP's long-term monitoring plan include the CSS, combined sewage and CSOs, and the receiving waters. The process for examining these components can be broken into the following elements as described in the LTCP:

o Compilation and Analysis of Existing Data

- Combined Sewer System and Receiving Water Monitoring
- Combined Sewer System and Receiving Water Modeling

### 9.3 RECORDKEEPING

The City intends to continue CSO inspections and monitoring and as well as its ongoing monitoring for reported fish kills and advisories. The City further intends to continue its ongoing river water quality monitoring program. Annual results of the monitoring required by the ninth NMC will be kept with Exhibit I-7.

DIRECTORY FOR APPENDIX I

(Items Presented in Order of Appearance in Appendix I)

<ul> <li>Exhibit I-1 INTIGRATED MONITORING AND ASSESSMENT REPORT FINDINGS</li> <li>Exhibit I-2 WATER QUALITY EXCURSION SUMMARY</li> <li>Exhibit I-3 2004 REGULATOR OVERFLOW SUMMARY</li> <li>Exhibit I-4 2007 INDIANA FISH CONSUMPTION ADVISORY - STREAMS AND RIVERS</li> <li>Exhibit I-5 PARTIAL MONITORING PLAN</li> <li>Exhibit I-6 RECORDKEEPING</li> </ul>	<u>Item</u>	<b>Description</b>
<ul> <li>Exhibit I-2 WATER QUALITY EXCURSION SUMMARY</li> <li>Exhibit I-3 2004 REGULATOR OVERFLOW SUMMARY</li> <li>Exhibit I-4 2007 INDIANA FISH CONSUMPTION ADVISORY - STREAMS AND RIVERS</li> <li>Exhibit I-5 PARTIAL MONITORING PLAN</li> <li>Exhibit I-6 RECORDKEEPING</li> </ul>	Exhibit I-1	INTIGRATED MONITORING AND ASSESSMENT REPORT FINDINGS
<ul> <li>Exhibit I-3 2004 REGULATOR OVERFLOW SUMMARY</li> <li>Exhibit I-4 2007 INDIANA FISH CONSUMPTION ADVISORY - STREAMS AND RIVERS</li> <li>Exhibit I-5 PARTIAL MONITORING PLAN</li> <li>Exhibit I-6 RECORDKEEPING</li> </ul>	Exhibit I-2	WATER QUALITY EXCURSION SUMMARY
<ul> <li>Exhibit I-4 2007 INDIANA FISH CONSUMPTION ADVISORY - STREAMS AND RIVERS</li> <li>Exhibit I-5 PARTIAL MONITORING PLAN</li> <li>Exhibit I-6 RECORDKEEPING</li> </ul>	Exhibit I-3	2004 REGULATOR OVERFLOW SUMMARY
AND RIVERS Exhibit I-5 PARTIAL MONITORING PLAN Exhibit I-6 RECORDKEEPING	Exhibit I-4	2007 INDIANA FISH CONSUMPTION ADVISORY - STREAMS
Exhibit I-5PARTIAL MONITORING PLANExhibit I-6RECORDKEEPING		AND RIVERS
Exhibit I-6 RECORDKEEPING	Exhibit I-5	PARTIAL MONITORING PLAN
	Exhibit I-6	RECORDKEEPING

### **EXHIBIT I-1**

The information on the following pages is derived from Indiana's integrated water monitoring and assessment reports provided by Indiana Department of Environmental Management (IDEM) from both 2002 and 2004. Detailed information and maps of waterbodies assessed for WQS are included in this document for both 2002 and 2004.

There are two sections to this document. The first section includes detailed information on each waterbody segment. This includes waterbody segment name, waterbody segment ID, basin and size, level of designated use support, pollutants of concern and stressors. Information for both 2002 and 2004 are compared and summarized in this section. The second section includes a detailed map of the monitored waterbody segments along Spy Run Creek, and the St. Joseph, St. Mary's and Maumee Rivers. The map shows comparison of the six waterbodies assessed for designated use, pollutants of concern, and stressors.

Of the six areas assessed, two waterbodies show a change in monitoring results from 2002 to 2004. Waterbody segment INA0463\_T1003 on the St. Mary's River contained inorganics which was a moderate stressor in 2002. Inorganics were not found in 2004. More information was needed in 2004 to assess nutrient level. Waterbody segment INA0465\_T1002 of the St. Mary's River fully supported aquatic life in 2002, however this section was not assessed for aquatic life in 2004.

FINDINGS BY WATERBODY SEGMENT

Waterbody Name: St. Joseph River Waterbody segment ID: INA03A4\_M1042 Basin: Great Lakes Size: 3 miles



Use support: F = Full support; P = Partial support; N = Non support; X = Not assessed

Designated Use 2004	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact				Х

Pollutants of concern: FCA for PCB's & Hg PCBs: M Mercury: M

Designated Use 2002	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact				Х

Pollutants of concern: FCA for PCB's & Hg PCBs: M Mercury: M

Waterbody segment INA03A4\_M1042 of the St. Joseph River fully supports aquatic life. This section of the St. Joseph River partially supports the designated use for fish consumption. Causes/stressors are pollutants or other stressors that adversely impact the designated uses of the St. Joseph River. PCBs and Mercury are the fish tissue contaminants identified in the fish consumption advisory with both being moderate stressors. Primary contact for recreational use is not assessed.



Basin: Great Lakes Size: 6.2 miles

Use support: F = Full support; P = Partial support; N = Non support; X = Not assessed Cause (stressor) rating: <math>H = High; M = Moderate; S = slight; T = Needs more information

Designated Use 2004	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact			Ν	

Pollutants of concern: *E. Coli*; FCA for PCBs & Hg PCBs: M Mercury: M Nutrients: T Pathogens: H

Designated Use 2002	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact			Ν	

Pollutants of concern: E. Coli; FCA for PCBs & Hg

PCBs: M Mercury: M Other Inorganics: M Pathogens: H

Waterbody segment INA0463\_T1003 of the St. Mary's River fully supports aquatic life. This section of the St. Mary's River partially supports the designated use for fish consumption. Causes/stressors are pollutants or other stressors that adversely impact the designated uses of the St. Mary's River. PCBs and Mercury are the fish tissue contaminants identified in the fish consumption advisory with both being moderate stressors. *E. Coli* is the indicator measure for bacteria and is rated as a high cause/stressor for pathogens. Primary contact for recreational use is not supported. More information is needed to assess nutrient stressors in 2004. Inorganics were found in 2002, but not in 2004.

Waterbody Name: St. Mary's River Waterbody segment ID: INA0465\_T1002 Basin: Great Lakes Size: 4.4 miles



Use support: F = Full support; P = Partial support; N = Non support; X = Not assessedCause (stressor) rating: <math>H = High; M = Moderate; S = slight; T = Needs more information

Designated Use 2004	Full support	Partial support	Non support	Not assessed
Aquatic Life Support				Х
Fish Consumption		Р		
Primary Contact				Х

Pollutants of concern: FCA for PCBs & Hg PCBs: M Mercury: S

Designated Use 2002	Full support	Partial support	Non support	Not assessed
Aquatic Life Support				Х
Fish Consumption		Р		
Primary Contact				Х

Pollutants of concern: FCA for PCBs and Hg PCBs: M

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Mercury: S

Waterbody segment INA0465\_T1002 of the St. Mary's River was not assessed for support of aquatic life or primary contact. This section of the St. Mary's River partially supports the designated use for fish consumption. Causes/stressors are pollutants or other stressors that adversely impact the designated uses of the St. Mary's River. PCBs and Mercury are the fish tissue contaminants identified in the fish consumption advisory with PCBs being a moderate stressor and mercury being a slight stressor.

Waterbody Name: Spy Run Creek Waterbody segment ID: INA0466\_T1013 Basin: Great Lakes Size: 19.9 miles



Use support: F = Full support; P = Partial support; N = Non support; X = Not assessed Cause (stressor) rating: <math>H = High; M = Moderate; S = slight; T = Needs more information

Designated Use 2004	Full support	Partial support	Non support	Not assessed
Aquatic Life Support			Ν	
Fish Consumption				Х
Primary Contact				Х

Pollutants of concern: Impaired biotic communities Biotic Community Status: M

Designated Use 2002	Full support	Partial support	Non support	Not assessed
Aquatic Life Support			Ν	
Fish Consumption				Х
Primary Contact				Х

Pollutants of concern: Impaired Biotic Community

Biotic Community Status: M

Waterbody segment INA0466\_T1013 of the Spy Run Basin does not support the designated use for aquatic life. An Impaired Biotic Community (IBC) means that a waterbody's aquatic life differs from the expectation of water that was unaffected by human activity. The Spy Run Creek was assessed for IBC and was found to be a moderate stressor. Designated use for fish consumption and primary contact were not assessed.

Waterbody Name: St. Mary's River Waterbody segment ID: INA0466\_T1022 Basin: Great Lakes Size: 0.5 miles



Use support: F = Full support; P = Partial support; N = Non support; X = Not assessed

Cause (stressor) rating: $H = High$ ; $M = Moderate$ ; $S = slight$ ; $T = Needs more information$							
Designated Use 2004	Full support	Partial support	Non support	Not assessed			
Aquatic Life Support	F						
Fish Consumption		Р					
Primary Contact			Ν				

Pollutants of concern: *E. Coli*, FCA for PCBs & Hg PCBs: M Mercury: M Pathogens: H

Designated Use 2002	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact			Ν	

Pollutants of concern: E. Coli, FCA for PCBs and Hg

#### PCBs: M Mercury: M Pathogens: H

Waterbody segment INA0466\_T1022 of the St. Mary's River fully supports aquatic life. This section of the St. Mary's River partially supports the designated use for fish consumption. Causes/stressors are pollutants or other stressors that adversely impact the designated uses of the St. Mary's River. PCBs and Mercury are the fish tissue contaminants identified in the fish consumption advisory with both being moderate stressors. *E. Coli* is the indicator measure for bacteria and is rated as a high cause/stressor for pathogens. Primary contact for recreational use is not supported in this waterbody segment.

Waterbody Name: Maumee River Waterbody segment ID: INA0511\_M1007 Basin: Great Lakes Size: 8.7 miles



Use support: F = Full support; P = Partial support; N = Non support; X = Not assessed Cause (stressor) rating: <math>H = High; M = Moderate; S = slight; T = Needs more information

Designated Use 2004	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact			Ν	

Pollutants of concern: *E. Coli*, FCA for PCB & Hg PCBs: M Mercury: M Pathogens: M

Designated Use 2002	Full support	Partial support	Non support	Not assessed
Aquatic Life Support	F			
Fish Consumption		Р		
Primary Contact			Ν	

Pollutants of concern: *E. Coli*, FCA for PCB & Hg PCB's: M Mercury: M

Pathogens: M

Waterbody segment INA0511\_M1007 of the Maumee River fully supports aquatic life. This section of the Maumee River partially supports the designated use for fish consumption. Causes/stressors are pollutants or other stressors that adversely impact the designated uses of the Maumee River. PCBs and Mercury are the fish tissue contaminants identified in the fish consumption advisory with both being moderate stressors. *E. Coli* is the indicator measure for bacteria and is rated as a moderate cause/stressor for pathogens. Primary contact for recreational use is not supported in this waterbody segment.

#### FINDINGS BY DESIGNATED USE

### **EXHIBIT I-2**

### WATER QUALITY EXCURSION SUMMARY

Two significant river sampling programs have been undertaken on Fort Wayne's sewer system's receiving waters. The first study was conducted in 1996 by Malcolm Pirnie to Characterize the Impact of Combined Sewer Overflows (CSOs) on the St. Mary's, St. Joseph and Maumee Rivers. The most recent study was conducted in spring of 2005 on the relief channel in the Maumee River and two of the tributaries (Spy Run Creek and Baldwin Ditch). The purpose of the 2005 study is to characterize the impacts of CSOs on the tributaries and the relief channel. Parameters of the sampling programs are shown in Table 1.

Data Source	Locations	Frequency	Years	Parameters	Parameter Group
Malcolm Pirnie	6	11 dry weather samples (8/6 –	1996	22	TSS, CBOD <sub>5</sub> , total phosphorus,
		11/3)			NH <sub>3</sub> -N, E. Coli, fecal coliform,
					pH, DO, total cyanide,
		4 rain events			hardness, volatiles, PCBs,
		- 12 grab samples per event			pesticides, temp, metals - Cd,
		at each site			Cr, Cu, Pb, Hg, Ni, Ag, & Zn
City of Fort	9	2 dry weather samples (3/29) and	2005	15	DO, NH <sub>3</sub> -N, pH, TDS, TSS, E.
Wayne		(4/15)			Coli, Phosphorus, CBOD <sub>5</sub> ,
					metals - Ag, Cd, Cr, Cu, Pb, Ni,
		2 rain events			Zn
		- <b>5/13</b> (sample 5/13, 5/14,			
		5/15, 5/16)			
		- <b>5/19</b> (sample 5/19, 5/20,			
		5/21, 5/22)			

TABLE 1SAMPLING PROGRAM PARAMETERS

#### 1996 SAMPLING PROGRAM

The first sampling program was conducted in 1996 by Malcolm Pirnie. Samples were taken from six sites for both dry and wet weather events. Table 2 shows the sampling locations used in this study.

## TABLE 2SAMPLING LOCATIONS

Sampling Site	River	Location on River
Mayhew Rd. Bridge	St. Joseph	Significantly upstream of CSOs
Ferguson Rd. Bridge	St. Mary's	Significantly upstream of CSOs
Landin Rd. Bridge	Maumee	Downstream of CSOs and tributaries
Tennesee Ave. Bridge	St. Joseph	Near confluence & downstream of CSOs
Harrison St. Bridge	St. Mary's	Near confluence & downstream of tributaries and CSOs
Anthony Blvd. Bridge	Maumee	Near confluence and upstream of Pond outfalls

The sampling data can be found in Appendix A and Appendix C of "Impact Characterization of Combined Sewer Overflows" completed by Malcolm Pirnie in September 1998. The dry weather sampling results show that the three rivers meet Water Quality Standards (WQS) for most parameters.

## Water Quality Excursion Summary

The Indiana Administrative Code states that the "Criterion Continuous Concentration" (CCC) is an estimate of the highest concentration of material an aquatic community can be exposed to indefinitely. The "Criterion Maximum Concentration" (CMC) is an estimate of the highest concentration of material an aquatic community can "briefly" be exposed to. Although there were CCC excursions during dry weather, there were no CMC excursions. The frequency of CCC excursions do not indicate this is a chronic condition. Table 3 shows CCC WQS excursions during dry weather.

TABLE 3DRY WEATHER WQS EXCURSIONS

Parameter	Date	Time	Location	Hardness (mg/l CaCO <sub>3</sub> )	CCC Allowable (ug/l)	Actual (ug/l)
Cadmium	8/6/96	12:55 p.m.	Tennessee @ St. Joseph	328	6.2	13
Copper	10/16/96	11:10 a.m.	Harrison @ St. Mary's	308	24	26

E. Coli is the indicator organism for pathogens. E. Coli standards are 125 colonies per 100 ml, based on a geometric mean of 5 samples over a 30-day period and a maximum E. Coli count of 235 colonies per 100 ml in any one sample. Averages of E. Coli samples during dry weather are listed below:

- Mayhew at St. Joseph = 90 colonies/100 ml
- Tennessee at St. Joseph = 106 colonies/100 ml
- Ferguson at St. Mary's = 240 colonies/100 ml
- Harrison at St. Mary's = 314 colonies/100 ml
- Anthony at Maumee = 192 colonies/100 ml
- Landin at Maumee = 238 colonies/100 ml

Wet weather sampling results did not differ that much from the dry weather sampling results for WQS excursions. Both cadmium and copper exceeded CCC WQS for wet weather. Again, cadmium and copper exceeded CCC limits, but did not exceed CMC limits indicating this is not a chronic condition. Table 4 shows CCC WQS excursions for cadmium and copper during wet weather.

TABLE 4WET WEATHER WQS EXCURSIONS

Parameter	Event	Date	Time	Location	Hardness (mg/l CaCO <sub>3</sub> )	CCC Allowable (ug/l)	Actual (ug/l)
Cadmium	1	9/21/96	7:35 p.m.	Mayhew @ St. Joseph	302	5.9	10
Cadmium	1	9/22/96	4:15 p.m.	Tennessee @ St. Joseph	266	5.3	10
Copper	2	9/27/96	9:30 a.m.	Harrison @ St. Mary's	217	18	20

The wet weather sampling results show that E. Coli counts increased significantly at all six sites. E. Coli exceeded WQS at all six sampling sites during all 4 wet weather events. The Maumee River levels were higher than the St. Mary's and St. Joseph Rivers with the highest concentration at Anthony Blvd., near the confluence, for events 3 and 4. The average E. Coli concentrations for each wet weather event at each site is listed below in Table 5.

<b>River Sampling Site</b>	Event 1	Event 2	Event 3	Event 4
Mayhew at St. Joseph	413	1,444	341	427
Tennessee at St. Joseph	2,599	2,381	650	1,158
Ferguson at St. Mary's	800	5,070	1,238	610
Harrison at St. Mary's	14,823	20,957	2,785	6,779
Anthony at Maumee	7,078	7,312	11,270	7,379
Landin at Maumee	2,292	9,198	1,134	2,758

## TABLE 5AVERAGE WET WEATHER E. COLI CONCENTRATIONS

#### 2005 SAMPLING PROGRAM

The most recent water quality study was conducted by the City of Fort Wayne in Spring 2005. The purpose of the 2005 study is to characterize the impacts of CSOs on the tributaries and the relief channel. A relief channel was constructed by the Army Corps of Engineers to assist in flood relief. In addition to the relief channel, two tributaries, Spy Run Creek and Baldwin Ditch were also evaluated for CSO affects on them. Sampling sites along the Baldwin Ditch, Spy Run Creek, the Maumee River and the Maumee Relief Channel were analyzed during both dry and wet weather events. Locations of each sampling site are listed below. A diagram of the sampling points can be found in figures 1-6.

Baldwin U = Upstream Baldwin Ditch Baldwin D = Downstream Baldwin Ditch Spy Run U = Upstream Spy Run Creek Spy Run D = Downstream Spy Run Creek Relief RCD-1 = The Maumee relief channel where Baldwin ditch enters the relief channel and upstream of the rock dam Relief RC-4 = Downstream of the rock dam and upstream of Pond 3 outfall in the relief channel River MR-6 = Parallel to RC-4 in the Maumee River Lower Relief LRC-5 = Downstream of Coliseum Bridge River MR-7 = Downstream of Coliseum Bridge

The sampling data can be found in Appendix A.

The two dry weather sampling days were conducted on 3/29/05 and 4/15/05. Ammonia did not meet WQS for one dry sampling event on relief channel at RCD-1. This site is located at the end of Baldwin Ditch. There is very little flow through the Baldwin Ditch during dry weather and the stream passes through a goose populated area. The highest E. Coli sample was upstream on the Baldwin Ditch which exceeded WQS for all dry weather samples. Baldwin Ditch also exceeded WQS at the downstream sampling site for 50% of the dry weather samples collected. E. Coli exceeded WQS on both the upstream and downstream sampling sites on the Spy Run Creek for 50% of the dry weather samples collected.

Data was collected from two significant wet weather events. Sampling took place on the day of each rain event and three consecutive days following to show the effect of CSOs during wet weather events. Table 6 shows the days samples were collected.

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## Water Quality Excursion Summary

	WET WEATHER SAMPLING DATE
Rain Event	Days Sampled
May 13, 2005	May 13, 14, 15, & 16
May 19, 2005	May 19, 20, 21, & 22

#### TABLE 6 WET WEATHER SAMPLING DATES

For wet weather events, increased ammonia-nitrate concentrations were present at RCD-1. This is most likely due to the Baldwin Ditch along with the pooling effect upstream of the rock dam. NH<sub>3</sub>-N did not meet WQS at Relief RCD-1 for events 1 and 2. NH<sub>3</sub>-N was also high at this site during dry weather sampling. Copper exceeded CCC WQS during the first rain event at the downstream sampling site on the Spy Run Creek. All other metals tested met WQS.

As expected, higher concentrations of E. Coli were present after wet weather events. Both upstream and downstream sites on the Baldwin ditch exceeded WQS and had the highest E. Coli concentration for each wet weather event. RCD-1 also had high E. Coli concentrations and exceeded WQS for each wet weather event. Both upstream and downstream sites on the Spy Run Creek exceeded WQS during each wet weather event except once, which was upstream. The lowest E. Coli concentration was sampled at MR-7 and LRC-5 along with MR-6 and RC-4. E. Coli concentrations are found to be similar in both the relief channel and the main channel of the Maumee River.

The main channel and the relief channel displayed similar values for each parameter tested during both dry and wet weather events. This data supports that the main channel and the relief channel of the Maumee River share similar water quality characteristics.

### **EXHIBIT I-3**

Monitoring Point		Overflow E	Events	Events that Caused Overflows	Correlation	Related Rain Gauge Site
	events	total	percent	min.		
4	15	75	20%	> .3"	poor	Study
5	32	70	46%	> .2"	good	Study
7*		0			good	Study
11	9	66	14%	> 1.0"	good	Study
12*		0			good	Study
13a	12	78	15%	> .25"	poor	City-County Bldg.
13b**		?			·	Fairfield
14a	3	88	3%	> .5"	poor	Fairfield
14b	1	88	1%	> .5"	good	Fairfield
16	3	88	3%	> 2.0"	good	Fairfield
17	39	88	44%	> .1"	fair	Fairfield
18	52	92	57%	> .01"	good	Harrison
19	36	92	39%	> .1"	fair	Harrison
20a	37	89	42%	> .2"	good	Harrison
21	56	92	61%	> .01"	good	Harrison
23	32	65	49%	> .1"	good	City-County Bldg.
24	21	65	32%	> .3"	poor	City-County Bldg.
25	31	65	48%	> .2"	good	City-County Bldg.
26	10	67	15%	> .1"	poor	Tecumseh
27*		0			good	Little Turtle
28	25	72	35%	>.1"	poor	Tecumseh
29a	27	65	42%	> .2"	fair	City-County Bldg.
29b	37	65	57%	> .1"	good	City-County Bldg.
32	40	65	62%	> .1"	good	City-County Bldg.
33	38	67	57%	> .1"	good	Little Turtle
36	8	67	12%	> .3"	poor	Tecumseh
39**		?				City-County Bldg.
44	12	67	18%	> .4"	poor	Little Turtle
45	14	67	21%	> .4"	poor	Little Turtle
48	34	66	52%	>.1"	fair	Tecumseh
50	21	78	27%	> .1"	poor	City-County Bldg.
51	19	72	26%	> .2"	poor	Tecumseh
52a	15	72	21%	> .1"	poor	Tecumseh

# MINIMUM RAIN EVENT TRIGGERING CSO's year: 2004

Monitoring Point		Overflow E	Events	Events that Caused Overflows	Correlation	Related Rain Gauge Site
	events	total	percent	min.		
52b	32	72	44%	> .1"	fair	Tecumseh
53	21	72	29%	> .2"	poor	Tecumseh
54	9	32	28%	> .3"	fair	Irwin
55a	35	78	45%	> .02"	poor	City-County Bldg.
56	14	66	21%	> .5"	fair	Study
57a**		?				Bunche
57b	34	89	38%	> .01"	fair	Fairfield
58	17	84	20%	> .2"	poor	Adams
60	36	85	42%	> .1"	fair	Adams
61	36	72	50%	> .1"	fair	Tecumseh
62	15	78	19%	> .2"	poor	Tecumseh
64a	27	75	36%	> .25"	fair	Bunche
64b		0			good	Bunche
67	23	89	26%	>.3"	poor	Harrison Hills
68	11	72	15%	> .5"	poor	Tecumseh
P18-089	4	72	6%	> 1.0"	fair	Tecumseh
P18-150	14	72	19%	> .4"	poor	Tecumseh
P18-155	9	72	13%	> .1"	poor	Tecumseh

### MINIMUM RAIN EVENT TRIGGERING CSO's year: 2004

\* tide gate manually operated \*\* can't visually inspect

### **EXHIBIT I-4**

2007 Indiana Fish Consumption Advisory Streams and Rivers

A REAL PROPERTY OF A REAL PROPER		(Inches)	Contaminant	Group
II Indiana Rivers and Streams				
II Counties (unless specified	Carp	15-20		<del>م</del> ،
therwise)		26+		ৰ ম
boit Creek				
lien County	Creek Chub	Up to 5		-
nderson River	Black Buffalo	25+		٣
erry County	Bluegill	Up to 7		-
	Carp	22+	0	2
pencer County	Channel Catfish	13+		m
eanblossom Creek				
ionroe County	Channel Catfish	13+		m
ig Blue River				
enry County	Carp	19-24		Ċ
		24+	0	4
	Rock Bass	4-7		m
		7+	D	4
	White Sucker	8-10	D	сò
		10+		4
ush County	Carp	19-24	D	n
		24+		4
helby County	Carp	19-24		n
		24+	۵	4
	Golden Redhorse	Up to 18		n
		18+		4
	Northern Hogsucker	9-10		m
		10+		4
	River Redhorse	14+		n
	Rock Bass	4+	□	en
	Smallmouth Bass	15+		en
Shnson County	Carp	19-24	D	ю
		24+		4
	Longear Sunfish	5+		ო
	Northern Hogsucker	8-10		ю
		+01		4
	Rock Bass	7+	D	n
	Smallmouth Bass	5-8		ю
		8+	1	4
ig Camp Creek efferson County	Longear Sunfish	Up to 5		-
ig Creek				
offerson Coulots	I ondear Sunfich	To to E		

Big Monon Creek     Longear Surkirsh     Up to 10       Mine County     Longear Surkirsh     Up to 10     1       Big The Creek     Elleck Redhorse     Up to 10     1       Maren County     Ellack Redhorse     Up to 10     1       Maren County     Ellack Redhorse     Up to 11     1       Parke County     Carp     Up to 5     1       Parke County     Carp     Up to 7     1       Parke County     Carp     Up to 5     1       Parke County     Carp     Up to 2     2       Parke C	Big Monon Creek     Longear Surfish     Up to 1       Mine Soucker     Up to 13       Mine Soucker     Up to 13       Big The Creek     Up to 13       Maren County     Black Rechtorse     Up to 13       Big Raccon Creek     Black Rechtorse     Up to 13       Biack Rechtorse     Up to 11     1       Parke County     Black Rechtorse     Up to 11       Parke County     Carp     Up to 22     2       Biack Rechtorse     Up to 13     1       Parke County     Carp     28-3     1       Biack Rechtorse     Up to 11     1       Parke County     Carp     28-23     2       Biack Rechtorse     Up to 22     2     2       Biack Creek     Channel Cafish     17+     1       Delearate County     Mine Sucker     Up to 22     2       Buck Creek     Mine Sucker     Up to 22     2       Allen County     Mine Sucker     Up to 22     2       Buck Creek     Mine Sucker     Up to 7     1       Record Creek     Up	Location	Specles	Fish Size (Inches)	Contaminant	Group
Mile County         Longear Sucker         Up to 10         1           Big Pine Creek         Beack Redhorse         Up to 10         1           Marren County         Beack Redhorse         Up to 10         1           Marren County         Beack Redhorse         Up to 11         1           Marren County         Beack Redhorse         Up to 11         1           Parke County         Beack Redhorse         Up to 11         1           Parke County         Black Redhorse         Up to 11         1           Parke County         Carp         Up to 7         1           Parke County         Carp         Up to 7         1           Parke Creek         Up to 7         1         2           Black Greek         Up to 7         1         2           Delevance County         Carp         Up to 7         1           Delevance County         Carp         Up to 7         1           Delevance         Up to 7         1 <t< td=""><td>Mile Sucker         Longer Sunfish         Up to 1         1           Big Fine Creek         Eleck Renhorse         Up to 13         1           Marren County         Eleck Renhorse         Up to 13         1           Marren County         Eleck Renhorse         Up to 13         1           Parke County         Eleck Renhorse         Up to 11         1           Parke County         Eleck Renhorse         Up to 11         2           Parke County         Carp         Up to 22         0         2           Bue River         Carp         Up to 22         0         2           Bue River         Carp         Up to 5         1         2           Deleware County         Renet Cartish         Up to 5         1         2           Deleware County         Revet Chub         Up to 5         1         2           Deleware County         Revet Chub         Up to 5         1         2           Deleware County         Revet Chub</td><td>Big Monon Creek</td><td></td><td></td><td></td><td></td></t<>	Mile Sucker         Longer Sunfish         Up to 1         1           Big Fine Creek         Eleck Renhorse         Up to 13         1           Marren County         Eleck Renhorse         Up to 13         1           Marren County         Eleck Renhorse         Up to 13         1           Parke County         Eleck Renhorse         Up to 11         1           Parke County         Eleck Renhorse         Up to 11         2           Parke County         Carp         Up to 22         0         2           Bue River         Carp         Up to 22         0         2           Bue River         Carp         Up to 5         1         2           Deleware County         Renet Cartish         Up to 5         1         2           Deleware County         Revet Chub         Up to 5         1         2           Deleware County         Revet Chub         Up to 5         1         2           Deleware County         Revet Chub	Big Monon Creek				
While Sucker         Up to 10         1           Big Pine Creek         Back Redincre         Up to 13         1           Waren County         Eack Redincre         Up to 5         1           Arren County         Eack Redincre         Up to 5         1           Big Raccon Creek         Back Redincre         Up to 11         1           Carp         Up to 5         1         2           Big Raccon Creek         Back Redincre         Up to 5         1           Carp         Carp         Up to 5         1           Carp         Carp         Up to 7         2           Buc River         Carp         Up to 7         2           Carp         Carp         Up to 7         2           Buc River         Up to 7         1         2           Annie Sucker         Up to 7         1         2           Buc River         Up to 2         1         2         2           Alen County         Up to 7         1         2         2           Buc River         Up to 2         Up to 7         1         2           Alen County         Up to 2         Up to 7         1         2           Alen Count	White Sucker         Up to 10         1           Big Pine Creek         Back Rohorse         Up to 13         1           Maren County         Eack Rohorse         Up to 13         1           Raine Creek         Back Rohorse         Up to 13         1           Raine County         Eack Rohorse         Up to 13         1           Raine County         Eack Rehorse         Up to 11         1           Carp         Up to 22         Co         2           Parke County         Carp         Up to 5         1           Carp         Carp         Up to 5         1           Parke County         Carp         Up to 5         1           Parke County         Carp         Up to 5         1           Carp         Carp         Up to 5         1         2           Delaware County         Mode Sunfish         Up to 7         1         2           Delaware County         Mode Sunfish         0         1         2         2           Delaware County         Mode Sunfish         6         1         2         2           Delaware County         Carp         Up to 7         1         2         2           Delawar	White County	Longear Sunfish	Up to 4		٢
Big Pine Creek Maren County Eleck Redhorse Longeer Surfish Pathe County Pathe County Carp Pathe County Carp Pathe County Carp Pathe County Pathe Pathe County Pathe County Pathe County Pathe County Pathe County Pathe County Pathe County Pathe Pathe Pathe County Pathe Pathe Pat	Big Prine Creek         Denotination         Up to 13         1           Marren County         Eleck Redhorse         Up to 13         1           Varren County         Eleck Redhorse         Up to 13         1           Elig Raccoon Creek         Elack Redhorse         Up to 11         1           Parke County         Elack Redhorse         Up to 11         1           Parke County         Elack Redhorse         Up to 11         1           Parke County         Elack Redhorse         Up to 11         1           Carp         22*         10         2         2           Harnson County         Carp         22*         1         2           Buck Restor         17*         10         2         1         2           Buck Creek         Up to 2         10         2         1         2           Delavarer County         Minite Sucker         Up to 7         1         1         2           Delavarer County         Ender Basis         Up to 2         1         2         1         2           Delavarer County         Carp         Up to 2         1         1         1         1         1         1           Delavarer County		White Sucker	Up to 10		٣
Marterin Country         Each Mean Instant         Up to 13         1           Big Raccoon Creek         Each Mean Instant         11+         1         1           Parke County         Each Mean Instant         11+         1 </td <td>Marter: County         Each resonation of the last of the</td> <td>Big Pine Creek</td> <td>Bindi Douthouse</td> <td>- 1 - 1 - 1</td> <td></td> <td></td>	Marter: County         Each resonation of the last of the	Big Pine Creek	Bindi Douthouse	- 1 - 1 - 1		
Interfer	Interface         Interface <thinterface< th="">         Interface         <thinterface< th="">         Interface         Interface</thinterface<></thinterface<>		Flathead Catfish	Up to 10		- -
Big Ractoon Creek         Smallmouth Bass         1+         1           Parke County         Black Redhorse         Up to 11         1           Parke County         Carp         Up to 22         1           Blue River         Carp         Up to 22         1           Blue River         Carp         Up to 22         1           Carp         Carp         28-29         0         2           Blue River         Carp         28-29         0         2           Buck Read         Editish         15+         1         2           Buck Creek         Longear Sunfish         5+         1         3           Buck Creek         Longear Sunfish         5+         1         3           Delaware County         Write Sucker         Up to 22         1         3           Allen County         Channel Catifish         1++         1         3           Allen County         Channel Catifish         1++         1         3           Charnel Catifish         1++         1         1         3           Allen County         Kert Chub         Up to 7         1         1           Ministana Creek         Northern Hogsucker <t< td=""><td>Smallmouth Bass         11+         □         3           Big Raccoon Creek         Ibit 11         1         1           Parke County         Black Redhorse         Up to 11         1           Parke County         Black Redhorse         Up to 11         1           Parke County         Black Redhorse         Up to 22         0         2           Harrison County         Carp         28-29         0         2           Harrison County         Carp         28-29         0         2           Buck Kreek         Carp         Up to 5         1         4           Buck Creek         Longear Sunfilsh         5-6         2         3           Buck Creek         Longear Sunfilsh         5-6         2         3           Benek Creek         Longear Sunfilsh         5-6         3         3           Benek Creek         River Chub         4+         3         3           Channel Cartish         Tot+         1         4         3           Benek Creek         Nthites Sucker         Up to 7         1         1           Cartonty         River Chub         14+         3         3           Channel Cantry         Riv</td><td></td><td>Longear Sunfish</td><td>Up to 5</td><td></td><td>-</td></t<>	Smallmouth Bass         11+         □         3           Big Raccoon Creek         Ibit 11         1         1           Parke County         Black Redhorse         Up to 11         1           Parke County         Black Redhorse         Up to 11         1           Parke County         Black Redhorse         Up to 22         0         2           Harrison County         Carp         28-29         0         2           Harrison County         Carp         28-29         0         2           Buck Kreek         Carp         Up to 5         1         4           Buck Creek         Longear Sunfilsh         5-6         2         3           Buck Creek         Longear Sunfilsh         5-6         2         3           Benek Creek         Longear Sunfilsh         5-6         3         3           Benek Creek         River Chub         4+         3         3           Channel Cartish         Tot+         1         4         3           Benek Creek         Nthites Sucker         Up to 7         1         1           Cartonty         River Chub         14+         3         3           Channel Cantry         Riv		Longear Sunfish	Up to 5		-
Big Raccoon Creek         Diate Reducts         Diate 11         1           Parke County         Carp         Up to 11         1           Parke County         Carp         Up to 22         0         2           Blue River         Carp         28-29         0         2           Harnson County         Carp         28-29         0         2           Harnson County         Carp         28-29         0         2           Shorthead Rechtorse         17+         1         2         2           Buck Creek         Up to 7         1         3         2           Delaware County         White Sucker         14+         1         3           Delaware County         Carp         Up to 22         1         3           Allen County         Carp         Up to 22         1         3           Channel Catfish         18+         1         3         3           Channel Catfish         18+         1         3         3           Channel County         Carp         Up to 7         1         3           Channel County         River Chub         Up to 7         1         3           Channel County	Biack Rechorse         Up to 11         1           Parke County         Carp         Up to 11         2           Parke County         Carp         Up to 22         0         2           Blue River         Carp         28-29         0         2           Harrson County         Channel Carifish         15+         0         2           Harrson County         Channel Carifish         15+         0         2           Marrson County         Channel Carifish         10+         0         2           Buck Kreek         Longear Sunfish         5+         0         2         2           Buck Creek         Longear Sunfish         5+         0         2         2           Allen County         Whie Sucker         Up to 7         1         2         2           Allen County         Kiver Chub         4+         0         2         2           Allen County         Kiver Chub         Up to 7         1         2         2           Carp         Kook Bass         Up to 7         1         2         2         2           Allen County         Morritern Hogsucker         Up to 7         1         2         2         2		Smallmouth Bass	+1+	0	m
Parke County         Black Rechorse         Up to 11         1           Carp         22+         10         2           Blue River         Carp         28-2         10         2           Harrson County         Carp         28-2         10         2           Harrson County         Carp         28-2         10         2           Harrson County         Carp         28-3         0         2           Harrson County         Conder Caris         15+         1         2           Buck Creek         Longear Sunfish         Up to 7         1         2           Delavaire County         Mine Sucker         14+         1         3           Carp         Carp         Up to 2         1         3           Carp         Carp         Up to 14         1         1           Kiver Chub         Up to 14         1         2         1           Christiana Creek         Up to 7         1         2         1           Christiana Creek         Up to 7         1         2         1         2           Christiana Creek         Up to 7         1         2         1         2         1         2	Parke County         Black Redhorse         Up to 11         1           Parke County         Carp         Up to 22         0         2           Blue River         Carp         Up to 22         0         2           Harrison County         Channel Catifsh         15+         1         2           Harrison County         Channel Catifsh         15+         1         2           Harrison County         Channel Catifsh         15+         1         2           Buck Kreek         Carp         Sported Bass         10+         3         3           Delevaire County         Write Sucker         Up to 7         1         4         3           Delevaire County         Write Sucker         Up to 22         1         4         3           Carp         Carp         Up to 22         1         4         1         4         1         4         1         4         1         4         1	Big Raccoon Creek				
Carp         Up to 22 22+         Carp         Up to 22         Corp         2           Hurrson County         Carp         28-29         O         2           Harrson County         Carp         Up to 5         1         2           Harrson County         Carp         Up to 5         1         2           Buck Creek         Carp         Up to 5         1         2           Delaware County         Unteral Rechorse         17+         1         2           Delaware County         Unteral Rechorse         17+         1         2           Delaware County         Unteral Rechorse         17+         1         2           Delaware County         White Sucker         14+         1         2           Allen County         Carp         Up to 22         10         2         2           Allen County         Ekhart County         Up to 22         10         2         2           Allen County         Ekhart County         Up to 22         10         2         2           Allen County         Ekhart County         Up to 22         10         2         2           Allen County         Its         Up to 22         10         2 <td>Carp         Up to 22         Corp         Carp         Decision         <thdecision< th=""> <thdecision<< td=""><td>Parke County</td><td>Black Redhorse</td><td>Up to 11</td><td></td><td>-</td></thdecision<<></thdecision<></td>	Carp         Up to 22         Corp         Carp         Decision         Decision <thdecision< th=""> <thdecision<< td=""><td>Parke County</td><td>Black Redhorse</td><td>Up to 11</td><td></td><td>-</td></thdecision<<></thdecision<>	Parke County	Black Redhorse	Up to 11		-
Blue River         Z2+         LOD         3           Harrison Country         Carp         28-29         0         2           Harrison Country         Carp         28-29         0         2           Harrison Country         Chanel Catifish         16+         1           Longear Sunflish         Up to 7         1         3           Buck Creek         Tower Rechnorse         17+         1         3           Spotted Bass         Up to 7         1         3           Delaware Country         Channel Catifish         5-6         1         3           Delaware Country         More Builtish         5-6         1         3           Codar Creek         Carp         Up to 2         1         3           Codar Creek         Up to 2         Up to 2         1         3           Channel Catifish         18+         1         1         1           Khart Country         Kiver Chub         Up to 7         1         1           Charnel Catifish         18+         1         1         1           Charnel Catifish         18+         1         1         1           Chear Chub         Up to 7         1 <td>Blue River         22+         LOO         3           Harnson County         Camel Catrish         15+         LO         3           Harnson County         Camel Catrish         15+         LO         3           Harnson County         Camel Catrish         15+         Lo         3           Buck Creek         Carp         S-6         1         3           Buck Creek         Longear Sunfish         5-6         1         3           Delaware County         Longear Sunfish         5-6         1         3           Delaware County         Longear Sunfish         5-6         1         3           Delaware County         Unite Sucker         14+         1         3           Allen County         Carp         Up to 22         1         1           Allen County         River Chub         4+         1         3           Charnel Catrish         18+         1         1         1           Charnel Catrish         Not too         2         1         1         1           Charnel Catrish         Not too         2         1         1         1         1         1         1         1         1         1</td> <td></td> <td>Carp</td> <td>Up to 22</td> <td></td> <td>~</td>	Blue River         22+         LOO         3           Harnson County         Camel Catrish         15+         LO         3           Harnson County         Camel Catrish         15+         LO         3           Harnson County         Camel Catrish         15+         Lo         3           Buck Creek         Carp         S-6         1         3           Buck Creek         Longear Sunfish         5-6         1         3           Delaware County         Longear Sunfish         5-6         1         3           Delaware County         Longear Sunfish         5-6         1         3           Delaware County         Unite Sucker         14+         1         3           Allen County         Carp         Up to 22         1         1           Allen County         River Chub         4+         1         3           Charnel Catrish         18+         1         1         1           Charnel Catrish         Not too         2         1         1         1           Charnel Catrish         Not too         2         1         1         1         1         1         1         1         1         1		Carp	Up to 22		~
Buck Kiver         Camp Channel Catifish $26-29$ $O$ $Z$ Harrison County         Channel Catifish $15+$ $O$ $Z$ Buck Creek         Channel Catifish $17+$ $O$ $Z$ Buck Creek         Longear Sunfish $5-6$ $O$ $Z$ Buck Creek         Longear Sunfish $5-6$ $O$ $Z$ Buck Creek         Longear Sunfish $5-6$ $O$ $Z$ Allen County         White Sucker $14+$ $O$ $Z$ Allen County         Kiver Chub $4+$ $O$ $Z$ Channel Catifish $5-6$ $O$ $Z$ $Z$ Channel County         White Sucker $Up to 22$ $O$ $Z$ Channel County         River Chub $Up to 7$ $T$ $D$ Charnel County         Rock Bass $Up to 7$ $T$ $D$ Charnel County         Rock Bass $Up to 7$ $T$ $D$ Charnel County         Rothen Lup $D$ $D$ $D$ $D$ <	Blue krver         Carp         29-29         O         2           Harrison Coundy         Congears Sunfisish         15+         1         1           Rook Bass         Up to 5         1 </td <td></td> <td></td> <td>22+</td> <td>8</td> <td>е 1</td>			22+	8	е 1
Harrison County         Channel Cafitsh         15+         1           Rook Bass         Up to 5         1           Rook Bass         Up to 7         1           Shorthead Rechorse         17+         1           Shorthead Rechorse         17+         1           Shorthead Rechorse         17+         1           Shorthead Rechorse         10+         1           Buck Creek         Longear Sunfish         5-6         1           Mile Sucker         Up to 2         1         3           Carp         Up to 2         1         3           Christiana Creek         Carp         Up to 7         1           Kiver Chub         4+         1         3           Christiana Creek         Northern Hogsucker         Up to 7         1           Kiter County         Creek Chub         Up to 7         1           Koothe Bullhead         Up to 7         1         2           Clear Creek	Harrison County         Channel Catifsh         15+         1           Rock Bass         Up to 5         1           Rock Bass         Up to 7         1           Shorthead Rechorse         17+         1           Allen County         Up to 2         1           Allen County         River Chub         4+         1           Allen County         River Chub         4+         1           Charnel Catifish         18+         1         3           Charnel Catifish         18+         1         3           Charnel County         River Chub         Up to 7         1           Yellow Bulhead         Up to 7         1         1           Mortree         All         Up to 7         1           Koork Bass         Up to 7         1         1           Mortree         Allu Speckes	Blue Kiver	Larp	62-97	S	~
Image: Condear Sunfish         Up to 5         1           Rock Bass         Up to 7         1           Spotted Bass         10+         1           Buck Creek         Image: Sunfish         5-6         1           Buck Creek         Longear Sunfish         5-6         1         3           Buck Creek         Longear Sunfish         5-6         1         3           Buck Creek         Longear Sunfish         5-6         1         3           Delaware County         White Sucker         14+         1         3           Codar Creek         Carp         Up to 22         10         3           Allen County         River Chub         4+         1         3           Christhana Creek         Northern Hogsucker         Up to 14         1         1           Kihat County         River Chub         Up to 7         1         1         1           Charnel Catek         Northern Hogsucker         Up to 7         1         1         1           Kihat County         River Chub         Up to 7         1         1         1         1           Clear Creek         Northern Hogsucker         Up to 7         Up to 7         1         1<	Interface         Interface <thinterface< th="">         Interface         <thinterface< th="">         Interface         Interface</thinterface<></thinterface<>	Harrison County	Channel Catfish	15+		ო
Rock Bass         Up to 7         1           Buck Creek         Sported Bass         10+         3           Buck Creek         Environment Rechtorse         17+         3           Buck Creek         Longear Sunfish         5-6         3           Buck Creek         Up to 22         1         4           Minie Sucker         14+         3         3           Carp         Up to 22         1         3           Allen County         River Chub         4+         3           Channel Catfish         8+         1         3           Channel Catfish         8+         1         3           Channel County         Northern Hogsucker         Up to 14         1           Channel Catfish         8+         1         3           Channel County         Northern Hogsucker         Up to 7         1           Kinst County         Northern Hogsucker         Up to 7         1           Kinst County         Northern Hogsucker         Up to 7         1           Kinst County         ALL Species         ALL         3           Clear Creek         Miley County         Creek Chub         1         2           Vertos County <td>Rock Bass         Up to 7         1           Spotted Reshorse         17+         1         3           Buck Creek         Spotted Bass         10+         1         3           Buck Creek         Longear Surfish         5-6         1         3           Buck Creek         Longear Surfish         5-6         1         3           Delaware County         White Sucker         14+         1         3           Main County         Carp         Up to 22         1         3           Allen County         River Chub         4+         1         3           Allen County         Channel Catritish         1         1         1           Allen County         Northern Hogsucker         Up to 7         1         1           Allen County         Northern Hogsucker         Up to 7         1         1           Charnel Catritish         Res         Up to 7         1         1         1           Clear Creek         All L Specifies         ALL         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         &lt;</td> <td></td> <td>Longear Sunfish</td> <td>Up to 5</td> <td></td> <td>-</td>	Rock Bass         Up to 7         1           Spotted Reshorse         17+         1         3           Buck Creek         Spotted Bass         10+         1         3           Buck Creek         Longear Surfish         5-6         1         3           Buck Creek         Longear Surfish         5-6         1         3           Delaware County         White Sucker         14+         1         3           Main County         Carp         Up to 22         1         3           Allen County         River Chub         4+         1         3           Allen County         Channel Catritish         1         1         1           Allen County         Northern Hogsucker         Up to 7         1         1           Allen County         Northern Hogsucker         Up to 7         1         1           Charnel Catritish         Res         Up to 7         1         1         1           Clear Creek         All L Specifies         ALL         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         <		Longear Sunfish	Up to 5		-
Shorthead Rechorse $7+$ $0$ $3$ Buck Creek       Longear Surfish $5-6$ $0$ $3$ Delaware County       White Sucker $14+$ $0$ $3$ Delaware County       White Sucker $10+$ $3$ $3$ Delaware County       White Sucker $10+$ $3$ $3$ Cedar Creek       Carp       Up to 22 $0$ $3$ Allen County       Carp       Up to 7 $1$ $1$ Christiana Creek       Northern Hogsucker       Up to 7 $1$ $1$ Chart County       Rock Bass       Up to 7 $1$ $1$ $1$ Chart Creek       ALL SPECIES       ALL $0$ $2$ $1$ $1$ Montoe County       Rock Bass       Up to 7 $1$ <td>Shorthead Rechorse         17+         1         3           Buck Creek         Spotted Bass         10+         1         3           Delawaire County         Longear Surfish         5-6         1         3           Delawaire County         White Sucker         14+         1         3           Delawaire County         White Sucker         14+         1         3           Cadar Creek         River Chub         4+         1         3           Allen County         River Chub         4+         1         3           Channel Caffish         18+         1         1         1           Allen County         River Chub         1         1         1         1           Channel Caffish         18+         1         1         1         1         1           Allen County         River Chub         1</td> <td></td> <td>Rock Bass</td> <td>Up to 7</td> <td></td> <td>-</td>	Shorthead Rechorse         17+         1         3           Buck Creek         Spotted Bass         10+         1         3           Delawaire County         Longear Surfish         5-6         1         3           Delawaire County         White Sucker         14+         1         3           Delawaire County         White Sucker         14+         1         3           Cadar Creek         River Chub         4+         1         3           Allen County         River Chub         4+         1         3           Channel Caffish         18+         1         1         1           Allen County         River Chub         1         1         1         1           Channel Caffish         18+         1         1         1         1         1           Allen County         River Chub         1		Rock Bass	Up to 7		-
Spotted Bass       10+       3         Buck Creek       Longear Sunfilsh       5-6       3         Delaware County       White Sucker       14+       3         Delaware County       White Sucker       14+       3         White Suck       Carp       Up to 22       3         Allen County       Carp       Up to 22       3         Allen County       Carp       Up to 7       1         Allen County       Northern Hogsucker       Up to 7       1         Christiana Creek       Northern Hogsucker       Up to 7       1         Chart County       Rock Bass       Up to 7       1         Monoe County       ALL SPECIES       ALL       2         Clear Creek       ALL SPECIES       ALL       2       2         Monoe County       Carp       Up to 7       1       2         Clear Creek       ALL SPECIES       ALL       3       2         Clear Creek       Longear Sunfish       Up to 5       3       3         Carroll County       Carp       Up to 7       1       3         Clear Creek       Cup to 14       10       3       3         Clear Creek       Up to 5	Spotted Bass         10+         0         3           Buck Creek         Longear Sunfish         5-6         0         3           Delaware County         White Sucker         14+         0         3           Delaware County         White Sucker         14+         0         3           Delaware County         White Sucker         14+         0         3           Main County         Carp         Up to 22         0         2           Allen County         Carp         Up to 22         0         2         3           Channel Catifish         18+         0         3 </td <td></td> <td>Shorthead Redhorse</td> <td>17+</td> <td>8</td> <td>ę</td>		Shorthead Redhorse	17+	8	ę
Buck Creek         Longear Sunfish         5-6         3           Delaware County         White Sucker         14+         3           Delaware County         White Sucker         14+         3           Cedar Creek         River Chulb         4+         3           Allen County         River Chulb         4+         3           Christiana Creek         Northern Hogsucker         Up to 7         1           Kiver Chulb         Northern Hogsucker         Up to 7         1           Channel County         Rock Bass         Up to 7         1           Charne County         Rock Bass         Up to 7         1           Charne County         Rock Bass         Up to 7         1           Charne County         ALL SPECIES         ALL         2           Monroe County         ALL SPECIES         ALL         2         2           Monroe County         Creek Chub         Up to 7         1         2           Clear Creek         Up to 7         1         2         2           Monroe County         Creek Chub         Up to 7         1         2           Clear Creek         County         Creek Chub         2         2         2 </td <td>Buck Creek       Longear Sunfish       5-6       0       3         Delaware County       White Sucker       14+       0       3         Delaware County       White Sucker       Up to 22       0       2         Allen County       River Chub       4+       0       3         Allen County       River Chub       4+       0       3         Centre       Carp       Up to 22       0       2         Channel Caffish       18+       0       3         Christiana Creek       Northern Hogsucker       Up to 14       1         Chart County       Rock Bass       Up to 7       1         Chart County       ALL SPECIES       ALL       2         Morroe County       ALL SPECIES       ALL       2         Clear Creek       Nhiley County       Up to 7       1         Vellow Bulhead       Up to 7       1       2         Clear Creek       ALL SPECIES       ALL       5         Corocked Creek       Stouty       Creek Chub       1         Vhiley County       Creek Chub       Up to 7       1         Corocked Creek       Stouty       Creek Chub       23+       2         &lt;</td> <td></td> <td>Spotted Bass</td> <td>10+</td> <td></td> <td>e7</td>	Buck Creek       Longear Sunfish       5-6       0       3         Delaware County       White Sucker       14+       0       3         Delaware County       White Sucker       Up to 22       0       2         Allen County       River Chub       4+       0       3         Allen County       River Chub       4+       0       3         Centre       Carp       Up to 22       0       2         Channel Caffish       18+       0       3         Christiana Creek       Northern Hogsucker       Up to 14       1         Chart County       Rock Bass       Up to 7       1         Chart County       ALL SPECIES       ALL       2         Morroe County       ALL SPECIES       ALL       2         Clear Creek       Nhiley County       Up to 7       1         Vellow Bulhead       Up to 7       1       2         Clear Creek       ALL SPECIES       ALL       5         Corocked Creek       Stouty       Creek Chub       1         Vhiley County       Creek Chub       Up to 7       1         Corocked Creek       Stouty       Creek Chub       23+       2         <		Spotted Bass	10+		e7
Delaware County $6+$ $=$	Delaware County $6+$ $14+$ $0$ $3$ Cedar Creek         White Sucker $14+$ $0$ $3$ Cedar Creek         Carp         Up to 22 $0$ $2$ $3$ Allen County         River Chub $4+$ $0$ $3$ $3$ Allen County         River Chub $4+$ $0$ $3$ $3$ Christiana Creek         Northern Hogsucker         Up to 7 $1$ $3$ Christiana Creek         ALL SPECIES         ALL $3$ $1$ Clear Creek         ALL SPECIES         ALL $2$ $3$ Clear Creek         ALL SPECIES         ALL $3$ $3$ Monroe County         ALL SPECIES         ALL $3$ $3$ Clear Creek         ALL $10$ $3$ $3$ Morroe County         Creek Chub $10$ $3$ $3$ Clear Creek         Cunty $10$ $3$ $3$ Conoked Creek         Cunty $10$ $3$ $3$ $3$ <td>Buck Creek</td> <td>Longear Sunfish</td> <td>5-6</td> <td>a</td> <td>m</td>	Buck Creek	Longear Sunfish	5-6	a	m
White Sucker         14+         3           Cedar Creek         Up to 22         10         2           Allen County         Eiver Chub         4+         3           Allen County         Eiver Chub         4+         3           Channel Catfish         18+         1         3           Christiana Creek         Northern Hogsucker         Up to 7         1           Fickhart County         Rock Bass         Up to 7         1           Vellow Bullmead         Up to 7         1         1           Vellow Bullmead         Up to 7         1         1           Vellow Bullmead         Up to 7         1         1         1           Velow County         Carety Chub	White Sucker         14+         1         1           Cedar Creek         Carp         Up to 22         1         2           Allen County         River Chub         4+         1         3           Allen County         River Chub         18+         1         3           Channel Cafrish         18+         1         3           Christiana Creek         Northern Hogsucker         Up to 7         1           Rok Bass         Up to 7         1         1           Charnel Caunty         Rock Bass         Up to 7         1           Norroe County         ALL SPECIES         ALL         2           Monroe County         ALL SPECIES         ALL         2           Clear Creek         ALL         Up to 7         1           Villey County         Creek Chub         Up to 7         1           Clear Creek         Carp         23+         2         2           Carol County         Carp         Carp         23+         1         3           Carol County         Carol Up to 5         10+         2         1         2           Clear Creek         Up to 7         1         1         1         1	Delaware County		6+		4
Cedar Creek         Carp         Up to 22         Close         2           Allen County         River Chulb         4+         1         3           Allen County         River Chulb         4+         1         3           Christiana Creek         Northern Hogsucker         Up to 7         1         1           Christiana Creek         Northern Hogsucker         Up to 7         1         1           Chance County         Rock Bass         Up to 7         1         1           Yellow Bulthead         Up to 7         1         1         1           Clear Creek         ALL SPECIES         ALL         5         2         1           Monroe County         ALL SPECIES         ALL         5         2         1         2           Monroe County         Creek Chub         Up to 7         1         2	Cedar Creek     Carp     Up to 22     Col     2       Allen County     River Chub     4+     1     3       Allen County     River Chub     4+     1     3       Christiana Creek     Northern Hogsucker     Up to 7     1       Christiana Creek     Northern Hogsucker     Up to 7     1       Charteck     Northern Hogsucker     Up to 7     1       Chart County     Rock Bass     Up to 7     1       Clear Creek     ALL SPECIES     ALL     5       Morroe County     ALL SPECIES     ALL     7       Clear Creek     ALL     Up to 7     1       Vihiley County     Creek Chub     Up to 7     1       Clear Creek     AL     Up to 7     1       Crooked Creek     Carp     23+     1       Steuben County     Carp     23+     1       Carroll County     Carp     Up to 5     1       Carroll County     Carp     Up to 5     1       General Population     Carp     Up to 5     1       General Population     Carput 2= 1 meal/week     Group 3= 1 mea/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1		White Sucker	14+	D	ę
Allen County     River Chub     4+     3       Channel Catfish     18+     3       Christiana Creek     Northern Hogsucker     Up to 7     1       Ekhart County     Rock Bass     Up to 7     1       Rock Bass     Up to 7     1       Yellow Bulthead     Up to 7     1       Nonroe County     ALL SPECIES     ALL     5       Monroe County     ALL SPECIES     ALL     5       Monroe County     ALL SPECIES     ALL     5       Monroe County     Creek Chub     Up to 7     1       Clear Creek     Zete     23+     2       Whiley County     Carep     Up to 19     5     5       Coroked Creek     Carep     Up to 19     5     5       Carroll County     Carep     Up to 5     3       Carroll County     Carep     Up to 5     3 <tr< td=""><td>Allen County     River Chub     4+     0     3       Christiana Creek     Northern Edifish     18+     0     3       Christiana Creek     Northern Hogsucker     Up to 7     1       Christiana Creek     Northern Hogsucker     Up to 7     1       Rock Bass     Up to 7     1       Morroe County     Creek Chub     Up to 19     0       Steuben County     Creek Chub     Up to 19     0       Carroll County     Carp     23+     0       Carroll County     Carp     23+     0       Carroll County     Carp     Up to 5     1       General Population     Carp     0     10+     0       General Population     Carl Morror 2= 1     10+     0       Group 1 = Unlimited meals     Group 2 = 1     10+     0       Group 4 = 1     Counts     Croup 3 = 1     1       Group 4 = 1     Counts     Group 3 = 1     1</td><td>Cedar Creek</td><td>Carp</td><td>Up to 22</td><td>o</td><td>2</td></tr<>	Allen County     River Chub     4+     0     3       Christiana Creek     Northern Edifish     18+     0     3       Christiana Creek     Northern Hogsucker     Up to 7     1       Christiana Creek     Northern Hogsucker     Up to 7     1       Rock Bass     Up to 7     1       Morroe County     Creek Chub     Up to 19     0       Steuben County     Creek Chub     Up to 19     0       Carroll County     Carp     23+     0       Carroll County     Carp     23+     0       Carroll County     Carp     Up to 5     1       General Population     Carp     0     10+     0       General Population     Carl Morror 2= 1     10+     0       Group 1 = Unlimited meals     Group 2 = 1     10+     0       Group 4 = 1     Counts     Croup 3 = 1     1       Group 4 = 1     Counts     Group 3 = 1     1	Cedar Creek	Carp	Up to 22	o	2
Channel Catrish         18+         3           Christiana Creek         Northem Hogsucker         Up to 7         1           Khart County         Rock Bass         Up to 7         1           Rock Bass         Up to 7         1           Yellow Bullhead         Up to 7         1           Nonroe County         ALL SPECIES         ALL         5           Monroe County         ALL SPECIES         ALL         5           Clear Creek         Up to 7         1         5           Whiley County         Creek Chub         Up to 7         1           Clear Creek         Carch         23+         1           Crooked Creek         Carch         Up to 19         5         5           Carchl County         Carch         Up to 19         5         5         5           Carchl County         Carch         Up to 19         5	Channel Caffish     18+     3       Christiana Creek     Northern Hogsucker     Up to 14     1       Christiana Creek     Northern Hogsucker     Up to 7     1       Rock Bass     Up to 7     1       Clear Creek     ALL SPECIES     ALL       Morroe County     ALL SPECIES     ALL       Clear Creek     AL     Dip to 7       Whiley County     Creek Chub     Up to 19       Steuben County     Carp     23+       Carroll County     Carp     23+       Carroll County     Carp     19+       Carroll County     Carp     10+       Carroll County     Carp     10+       Carroll County     O = Mercury     Carp       Carroll County     O = Mercury     Carp       Cooked Creek     Croup 3 = 1 meat/month       General Population     O = Mercury       Group 1 = Unlimited meals     Group 2 = 1 meat/week       Group 4 = 1 meat/2 month     Group 3 = 1 meat/month	Allen County	River Chub	4+	٥	e
Christiana Creek       Northern Hogsucker       Up to 7       1         Ekhart County       Rock Bass       Up to 7       1         Rock Bass       Up to 7       1       1         Yellow Bulthead       Up to 7       1       1         Clear Creek       ALL SPECIES       ALL       5         Monoe County       ALL SPECIES       ALL       5         Clear Creek       Up to 7       1       1         Whiley County       Creek Chub       Up to 7       1       1         Whiley County       Creek Chub       Up to 7       1       2       2         Clear Creek       Carcp       23+       2	Christiana Creek     Northern Hogsucker     Up to 14     1       Ekhart County     Rock Bass     Up to 7     1       Clear Creek     ALL SPECIES     ALL       Monroe County     Creek Chub     Up to 7       Clear Creek     Creek Chub     Up to 7       Whiley County     Creek Chub     Up to 19       Clooked Creek     23+     2       Steuben County     Carp     23+       Carroll County     Carp     Up to 19       Carroll County     Carp     Up to 5       Carroll County     19+     3       General Population     Carbourd Bass     10+       General Population     O = Mercury     C1 = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     1       Group 4 = 1 meal/2     Croup 5 = DO NOT EAT     1		Channel Catfish	18+		m
Elkhart County         Northern Hogsucker         Up to 7         1           Rock Bass         Up to 7         1           Vellow Bullhead         Up to 7         1           Clear Creek         ALL SPECIES         ALL         5           Monoe County         ALL SPECIES         ALL         5           Monoe County         Leek Chub         Up to 7         1           Whiley County         Creek Chub         Up to 7         1           Clear Creek         Steuben County         Creek Chub         Up to 7         1           Crooked Creek         Carcp         23+         1         2           Carcoll County         Carcp         Up to 19         10         3           Carcoll County         Carcp         Up to 19         10         3           Carroll County         Carcp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Smallmouth Bass         10+         3         3           Garroll County         Carp         Up to 5         1         3	Elkhart County     Northern Hogsucker     Up to 7     1       Rock Bass     Up to 7     1       Rock Bass     Up to 7     1       Kellow Bulhead     Up to 7     1       Clear Creek     ALL SPECIES     ALL     5       Monroe County     ALL SPECIES     ALL     5       Clear Creek     ALL SPECIES     ALL     5       Whiley County     Creek Chub     Up to 7     1       Crooked Creek     Carp     23+     2       Steuben County     Carp     23+     2       Carroll County     Carp     Up to 19     10       Carroll County     Carp     Up to 5     1       General Population     Care Mercury     Care Mercury     1       General Population     O = Mercury     Care PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     5       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT	Christiana Creek				
Rock Bass         Up to 7         1           Yellow Bultnead         Up to 5         1           Clear Creek         ALL SPECIES         ALL         5           Monroe County         ALL SPECIES         ALL         5           Monroe County         ALL SPECIES         ALL         5           Clear Creek         Up to 7         1         1           Whitley County         Creek Chub         Up to 7         1           Crooked Creek         Carcp         23+         1           Steuben County         Carcp         23+         1           Carroll County         Carcp         19+         1         3           Carroll County         Carp         Up to 19         10         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3         3           Carroll County         O<=	Rock Bass     Up to 7     1       Yellow Bulhead     Up to 7     1       Clear Creek     ALL SPECIES     ALL       Monoe County     ALL SPECIES     ALL       Clear Creek     Up to 7     1       Whiley County     Creek Chub     Up to 7     1       Clear Creek     Creek Chub     Up to 7     1       Whiley County     Carp     23+     2       Carroll County     Carp     23+     1       Carroll County     Carp     19+     1       Carroll County     Carp     Up to 5     1       Carroll County     Carp     19+     1       General Population     Car Mercury     Car Mercury     1       General Population     O = Mercury     Car PCBs     1       Group 1 = Unimited meals     Group 2 = 1 meal/week     10+     1       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1	Elkhart County	Northern Hogsucker	Up to 14		~
Yellow Bultnead         Up to S         1           Clear Creek         ALL SPECIES         ALL         5           Monroe County         ALL SPECIES         ALL         5           Monroe County         ALL SPECIES         ALL         5           Clear Creek         Up to 7         1         1           Vhitley County         Creek Chub         Up to 7         1           Veroked Creek         Carcp         23+         2           Steuben County         Carcp         23+         2           Oronked Creek         Carcp         19+         2           Carroll County         Carp         Up to 19         0         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Carroll County         O<= Mercury	Yellow Bulhead     Up to 5       Clear Creek     ALL SPECIES     ALL     5       Monoe County     ALL SPECIES     ALL     5       Monoe County     Lop to 7     1       Clear Creek     Up to 7     1       Whiley County     Creek Chub     Up to 7     1       Crooked Creek     Carp     23+     2       Steuben County     Carp     23+     2       Carroll County     Carp     Up to 19     10       Carroll County     Carp     Up to 5     1       Carroll County     Carp     Up to 5     1       Carroll County     Carp     Up to 5     1       General Population     Care Mercury     10+     3       General Population     Care Mercury     1     2       Group 1 = Unlimited meals     Group 2 = 1 meal/week     5     1       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1		Rock Bass	Up to 7		÷
Clear Creek     ALL SPECIES     ALL     5       Monroe County     ALL SPECIES     ALL     5       Clear Creek     Vhiliey County     Up to 7     1       Vhiley County     Creek Chub     Up to 7     1       Crooked Creek     Creek Chub     Up to 7     1       Crooked Creek     Carcp     23+     2       Steuben County     Carcp     23+     2       Carroll County     Carp     Up to 19     10       Carroll County     Carp     Up to 5     1       Coupe ar Sunfish     Up to 5     1     3       General Population     O = Mercury     I = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month	Clear Creek     ALL     Status       Monroe County     ALL SPECIES     ALL     5       Clear Creek     Up to 7     1       Vihitley County     Creek Chub     Up to 7     1       Crooked Creek     Carp     23+     2       Steuben County     Carp     23+     2       Deer Creek     Carp     Up to 19     10     2       Carroll County     Carp     Up to 19     10     2       Carroll County     Carp     Up to 5     1       Carroll County     Carp     Up to 5     1       General Population     Carbourth Bass     10+     3       General Population     O = Mercury     CI = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     5       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1		Yellow Bulthead	Up to 9		-
Monroe County         ALL SPECIES         ALL         D         5           Clear Creek         Whitley County         Creek Chub         Up to 7         1           Crooked Creek         Carp         Up to 7         1         2           Steuben County         Carp         Up to 19         D         2           Carroll County         Carp         Up to 19         D         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carroll Poption         0<=	Monroe County         ALL SPECIES         ALL         5           Clear Creek         Uhitley County         Lip to 7         1           Vhitley County         Creek Chub         Up to 7         1           Crooked Creek         Carp         Up to 19         2           Carroll County         Carp         23+         2           Deer Creek         Up to 19         0         2           Carroll County         Carp         Up to 19         0         2           Deer Creek         Up to 19         0         2         1           Carroll County         Carp         Up to 5         1         3           Carroll County         Carrol Bass         10+         0         3           General Population         C = Mercury         1 = PCBs         3           General Population         C = Mercury         1 = PCBs         3           Group 1 = Unimited meals         Group 2 = 1 meal/week         Group 3 = 1 mea/month           Group 4 = 1 mea/2 months         Group 5 = DO NOT EAT         1	Clear Creek				
Clear Creek         Up to 7         1           Whitley County         Creek Chub         Up to 7         1           Crooked Creek         Carp         Up to 7         1           Steuben County         Carp         23+         2         2           Deer Creek         Carp         Up to 19         2         2           Carroll County         Carp         Up to 19         2         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1         3           Contop 1         Smallmouth Bass         10+         3         3           General Population         O = Mercury         C = Mercury         5         3           Group 1 = Unlimited meals         Group 2 = 1 meal/week         Croup 3 = 1 meal/month           Group 4 = 1 meal/2 months         Group 5 = DO NOT EAT         1	Clear Creek       Whitley County       Creek Chub       Up to 7       1         Whitley County       Carcy       Up to 7       2         Crooked Creek       Steuben County       Up to 19       2         Steuben County       Carcy       Up to 19       3         Deer Creek       Up to 19       3       3         Carroll County       Carcy       Up to 5       1         Carroll County       Carroll Bass       10+       3         General Population       O = Mercury       13 = PCBs       3         Group 1 = Unlimited meals       Group 2 = 1 meal/week       3       1         Group 4 = 1 meal/2 months       Group 5 = DO NOT EAT       1       1         Are women and children please refer to the Guidelines on bage 5.)       1       1	Morroe County	ALL SPECIES	ALL	D	ŝ
Whitley County         Creek Chub         Up to 7         1           Crooked Creek         Lip to 7         1         2           Steuben County         Carp         23+         2         2           Deer Creek         Carp         Up to 19         0         2         2           Deer Creek         Carp         Up to 19         0         2         3           Carroll County         Carp         Up to 5         1         3           Carroll County         Carp         Up to 5         1           Smallmouth Bass         10+         0         3           General Population         O = Mercury         T = PCBs         3           Group 1 = Unlimited meals         Group 2 = 1 meal/week         Croup 3 = 1 meal/month           Group 4 = 1 meal/2 months         Group 5 = DO NOT EAT         C	Whitley County     Creek Chub     Up to 7     1       Crooked Creek     Carp     Up to 7     2       Steuben County     Carp     23+     2       Deer Creek     Carp     Up to 19     10       Carroll County     Carp     Up to 19     10       Carroll County     Carp     Up to 19     10       Carroll County     Carp     Up to 5     1       Carroll County     Carp     Up to 5     1       General Population     O = Mercury     I = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month       Group 4 = 1 meal?     Croup 5 = DO NOT EAT     1       (For women and children please refer to the Guidelines on bade 5.)	Clear Creek				
Crooked Creek         Carp         23+         2           Steuben County         Carp         23+         2           Deer Creek         Up to 19         0         2           Carroll County         Carp         Up to 19         0         2           Carroll County         Carp         Up to 19         0         3           Carroll County         Carp         Up to 5         1           Smallmouth Bass         10+         3         3           General Population         O = Mercury         1 = PCBs         3           Group 1 = Unlimited meals         Group 2 = 1 meal/week         Group 3 = 1 meal/month           Group 4 = 1 meal/2 months         Group 5 = DO NOT EAT         1	Crooked Creek     Steuben County     Carp     23+     2       Steuben County     Carp     Up to 19     2       Deer Creek     Up to 19     10     3       Carroll County     Carp     Up to 5     1       General Population     O = Mercury     I = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     5       Group 4 = 1 meal?     Croup 5 = DO NOT EAT     1       (For women and children please refer to the Guidelines on bage 5.)	Whitley County	Creek Chub	Up to 7		-
Steuben County         Carp         23+         2         2           Deer Creek          Up to 19         0         2           Carroll County         Carp         Up to 19         0         2           Carroll County         Carp         Up to 19         0         2           Carroll County         Carp         Up to 5         1         3           Longear Sunfish         Up to 5         1         3           Smallmouth Bass         10+         3         3           General Population         O = Mercury         I = PCBs         3           Group 1 = Unlimited meals         Group 2 = 1 meal/week         Group 3 = 1 meal/month           Group 4 = 1 meal/2 months         Group 5 = DO NOT EAT         1	Steuben County     Carp     23+     2       Deer Creek     Up to 19     0     2       Carroll County     Carp     Up to 5     1     3       Compared Survish     Up to 5     10+     3       General Population     O = Mercury     0 = PCBs     3       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1       (For women and children please refer to the Guidelines on bade 5.)	Crooked Creek				
Deer Creek     Carp     Up to 19     O     2       Carroll County     Carp     Up to 19     O     3       Longear Sunfish     Up to 5     1       Smallmouth Bass     10+     3       General Population     O = Mercury     D = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month	Deer Creek     Up to 19     0     2       Carroll County     Carp     Up to 19     0     2       Carroll County     19+     0     3       Longear Sunfish     Up to 5     1       Smallmouth Bass     10+     3       General Population     0 = Mercury     0 = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     6roup 3 = 1 meal/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1	Steuben County	Carp	23+		2
Carroll County         Carp         Up to 19         O         2           19+         19+         0         3           Longear Sunfish         Up to 5         1         3           Longear Sunfish         Up to 5         1         3           Smallmouth Bass         10+         3         3           General Population         O = Mercury         D = PCBs         3           Group 1 = Unlimited meals         Group 2 = 1 meal/week         Group 3 = 1 meal/month           Group 4 = 1 meal/2 months         Group 5 = DO NOT EAT         3	Carroll County     Carp     Up to 19     O     2       Carroll County     19+     0     3       Longear Sunfish     Up to 5     1       Smallmouth Bass     10+     3       General Population     0 = Mercury     D = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     1       (For women and children please refer to the Guidelines on bage 5.)	Deer Creek				
19+       3         Longear Sunfish       Up to 5       1         Smallmouth Bass       10+       3         General Population       O = Mercury       II = PCBs         Group 1 = Unlimited meals       Group 2 = 1 meal/week       Group 3 = 1 meal/month	19+ □ 3 Longear Sunfish Up to 5 1 Smallmouth Bass 10+ □ 3 General Population O = Mercury □ = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children please refer to the Guidelines on bage 5.)	Carroll County	Carp	Up ta 19		N
Longear Sunfish         Up to 5         1           Smallmouth Bass         10+         3           General Population         O = Mercury         I = PCBs           Group 1 = Unlimited meals         Group 2 = 1 meal/week         Group 3 = 1 meal/month           Group 4 = 1 meal/2 months         Group 5 = DO NOT EAT         Group 3 = 1 meal/month	Longear Surfish     Up to 5     1       Smallmouth Bass     10+     3       General Population     O = Mercury     □ = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     "For women and children please refer to the Guidelines on bage 5."			19+		e
Smallmouth Bass     10+     3       General Population     O = Mercury     D = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT	Smallmouth Bass     10+     3       General Population     O = Mercury     3 = PCBs       Group 1 = Unlimited meals     Group 2 = 1 meal/week     Group 3 = 1 meal/month       Group 4 = 1 meal/2 months     Group 5 = DO NOT EAT     (For women and children please refer to the Guidelines on page 5.)		Longear Sunfish	Up to 5		٣
General Population O = Mercury D = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT	General Population O = Mercury D = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children please refer to the Guidelines on page 5.)		Smallmouth Bass	10+	٥	ю
General Population O = Mercury	General Population O = Mercury II = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children please refer to the Guidelines on page 5.)					
Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT	Group 1 = Unlimited meals   Group 2 = 1 meal/week  Group 3 = 1 meal/month Group 4 = 1 meal/2 months   Group 5 = DO NOT EAT if For women and children inlease refer to the Guidelines on page 5.)	General Population	O = Mercury		5	
Group 4 = 1 meal/2 months Group 5 = DO NOT EAT	Group 4 = 1 mea/2 months Group 5 = DO NOT EAT (For women and children please refer to the Guidelines on page 5.)	Group 1 = Unlimited meals	Group 2 = 1 meal/w	veek Groui	o3 = 1 meal/r	nonth
	(For women and children, please refer to the Guidelines on page 5.)	Group 4 = 1 meal/2 months	Group 5 = DO NOT	EAT		

Location Species Fish Size Contaminant (Inches) Contaminant

Group

Page 8

Location Species Flath Size Centamisant Group

Eagle Creek	Channel Catfish	Up to 20			_
Marion County		20-23		+	
		23+		-	_
	White Sucker	13+	0		
Easterday Ditch					
Kosciusko County	Carp	Up to 23	0	r.	
	X1 /2 /	23+		1	
East Fork of White Lick Creek			I		
Hendricks County	Creek Chub	*6	-	n 1	
12	Northern Hogsuceer	•11	-	n (	
	Yellow Builhead	10+		~	
East Fork of White River Bartholomew County	Carp	Up to 15		-	
•		18-23		N	
		+02		n	
	Flathead Catfish	Up to 13		-	
. 21		24+		<i>с</i> о	
	Golden Redhorse	13+	0	10	
Jackson County	Bigmouth Buffalo	+81	-	in	
	Carp	Up to 18		-	
		18-23		61	
		23+		e).	
	Channel Catfish	Up to 14		-	
	Fisthead Catfish	Up to 13		I	
	Golden Redhorse	14-16	D	10	
		+95		4	
	Sälver Redhorse	22+	[0	t es	
	Smallmouth Bass	13+		l eð	
	Smallmouth Buttalo	19-26	10	1 ന	
		20+		4	
Lawrence County	Channel Catfish	Up to 15		m	_
		15-21		4	_
		-12		ß	
	Freshwater Drum	10+	IO	I M	_
	Bigmouth Buffalo	Up to 18	[0	teo	
		+81		4	
	Flathead Catfish	10-16	IO	i ea	_
	ILI-II CONSIGNIN (III	+91		4	- 08
	Largemouth Bass	Up to 11	10	10	
		11-14		4	
		14+		(a)	_
	Longear Sunfish	*		(ന)	
	River Carpsucker	15+		6	
	Sauger	14+		i m	

Lawrence County Cont.	Shorthead Redhorse	Up to 14		•
		14-16		4
		16+ 15		- 10
	Smallmouth Buffalo	Into 15		ľ
		15+		-
	Spotted Sucker	17+		-
	Striped Bass	22+		1
Martin County	Carb	Up to 23		-
		23+		4
	Channel Catfish	12-19	0	n
		20+	0	*
	Freshwater Drum	10+	0	-
	Longear Sunfish	+0	0	"
	Shorthead Redhorse	Up to 14	0	ო
		14-16		4
	0. 10. 10.000	16+	0	¥0
	Smallmouth Buffalo	Up to 15	0	*
		15+	0	-
Dubois County	Carp	22-24	0	n
		24+	0	4
	Channel Catfish	19+	0	*
	Flathead Catfish	24+	0	•
	Londear Sunfish	4+		-
East Fork of Whitewater River				
Wayne County	Channel Catfish	12-16		3
		10+		4
	Longear Sunfah	Upto6		- 1
	Northern Hogsucker	Uptos		1-
East Fork of Wildcat Creek				
Howard County	Carp	Up to 23	0	**
		23+		n
Eel River (West Fork White Ri	/er Basin)			
Greene County	Sauger	-11+		•
Eel River (Upper Wabash Rive Whitley/Wabash/Miami/Cass Co	r Basin) unties			
Consumption of fish from the Ee (Group 3) for the general popula Exceptions to this advice for the	l River should be limited l tion and NO CONSUMP general population are lis	to no more tha TION by the at- sted below.	n one meal pe -ńsk populatio	ar month n
	Elizable		C	1
	Carp	24+	0	i i
General Population	O = Mercury	□ = PCBs		
Group 1 = Unlimited meals	Group 2 = 1 meal/w	reek Group	3 = 1 meal/	month
Group 4 = 1 month2 months	Group 5 = DO NOT	CAT.		

Location	Species	Fish Size (inches)	Contaminant	Group
Great Miami River				
Dearborn County	Carp	16-20		4
		20+		τ <b>ρ</b>
	Channel Catfish	Up to 15	۵	4
		15+		÷
	Largemouth Bass	18+	٥	ę
	White Crappie	8-11		m
		11+	0	4
Hanna Creek	Carp	Up to 16		-
Union County		16+	00	2
Honey Creek				
White County	Largemouth Bass	20+	e	e
Indian Creek (Whitewater Bas)	Ê			
Jnion County	Carp	Up to 9		ſ
		9+	0	63
Indian Creek (Ohio River Valle	(Å			
Harrison County	Flathead Catfish	Up to 13		-
	Longear Sunfish	Up to 6		٣
Iroquois River				
Jasper/Newton Counties	Carp	Up to 19	ſ	~
		28+		e
	Channel Catfish	Up to 18		-
	Golden Redhorse	Up to 15		-
	Rock Bass	Up to 6		-
	Shorthead Redhorse	Up to 12		-
Juday Creek			5	
St. Joseph County	White Sucker	17+	٥	e
Kankakee River				
LaPorte/Lake/Newton Counties	Bigmouth Buffalo	22+		67
	Black Crappie	Up to 10		۲
	Bluegilt	Up ta 6		-
	Quilback	15+	0	n
	Rock Bass	Up to 8		÷
	Shorthead Redhorse	Up to 13		-
	Silver Redhorse	20+	٥	en
	Smallmouth Buffalo	22-28		m
		28-32		4
		32+		5
	While Crappie	Up to 9		-

Location	Species	(Inches)	Contaminant	Group
Elkhart River				
Elkhart County	Rock Bass	+6	0	n
	Smallmouth Bass	17+		6
	White Sucker	16+		6
Elkhorn Creek				
Randolph County	Creek Chub	Up to 3		1
Elliot Ditch				
Tippecanoe County	ALL SPECIES	ALL	۵	40
Fall Creek	Carp	19-22		ę
Madison County		22+	0	4
	Channel Catfish	Up to 22	D	n
		22+		4
	Rock Bass	7+		6)
	Smallmouth Bass	15+	0	e
Fall Creek (Upstream of Geist	Reservoir)			
Hamilton County	Carp	16-23	۵	6
		23+		e
	Channel Catlish	25+		e.
Marion County	Carp	Up to 20		4
		20+	□	ß
	Channel Catfish	Up to 18	0	6
		18-20		4
		20+		so
	Largemouth Bass	14+		ю
Flatrock River				
Rush County	Longear Sunfish	AII		٦
Shelby County	Carp	22-23	0	N
		23+		ŝ
	Flathead Catfish	Up to 18		÷
	Longear Sunfish	AI		-
Bartholomew County	Longear Sunfish	AII		-
Galena River (South Branch)				
LaPorte County	Creek Chub	Up to 7		e
Graham Creek				
Jennings County	Longear Sunfish	Up to 6		-

General Population O = Mercury D = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children, please refer to the Guidelines on page 5.)

Kilbuck Creek     Carp       Madrison Country     Smallmouth Bass       Simallmouth Bass     Smallmouth Bass       Kilmore Creek     Carp       Cinton Country     Creek Chub       Kilmore Creek     Carp       Dearborn     Creek Chub       Kokomo Creek     ALL.SPECIES       Laughery Creek     Carp       Dearborn     White Crappie       Little Blue River (Ohio River Basin)     Carp       Crawford Country     Bluegull       Crawford Country     Bluegull       Crawford Country     Bluegull       Cramp     Carp       Dearborn     Carp       Laughery Creek     Carp       Dearborn     Carp       Dearborn     White Crappie       Little Blue River     Carp       Sauger     White Sucker       Porter Country     Bluegull       Mite Sucker     Yellow Bullhead       Porter Country     Bluegull       Porter Country     Bluegull       Porter Country     Bluegull       Carp     Carp       Porter Country     Bluegull </th <th>19-23 19-23 19-23+ 23+ 13+ 13+ 19 to 12 Up to 12 Up to 23 Up to 23 16+ 16+ 16+ 16+ 16+ 16+ 16+ 16+</th> <th></th> <th>N M M T M T T M T T M T M T T M T M T M</th> <th>Liftle Sugar Creek/East Fork V Hancock County Liftle Sugar Creek/Walnut For Montgomery County Maumee River Allen County</th> <th>Prite River</th>	19-23 19-23 19-23+ 23+ 13+ 13+ 19 to 12 Up to 12 Up to 23 Up to 23 16+ 16+ 16+ 16+ 16+ 16+ 16+ 16+		N M M T M T T M T T M T M T T M T M T M	Liftle Sugar Creek/East Fork V Hancock County Liftle Sugar Creek/Walnut For Montgomery County Maumee River Allen County	Prite River
Madison County Longear Sunfish Smallmouth Bass Kilmore Creek Cinton County Cinton County Kokomo Creek Howard County Howard County Laughery Creak Dearborn Comp Camp Camp Car	23+           firsh         5-6           Bass         5-1           Bass         13+           Bass         13+           Bass         13+           Bass         13+           Bass         13+           Bass         13+           Bass         10           Bass         10           Cup to 12         Up to 10           Bass         Up to 23           Flass         Up to 10           Bass         Up to 10		n n t n = = 10 N = = = 0	Hancock County Little Sugar CreekWalnut For Montgomery County Maumee River Allen County	0 100-0
Langear Sunfish       Smallmouth Bas       Kilmore Creek       Clinton County       Clinton County       Creek Chub       Kokomo Creek       Howard County       Carp       Carp       Dearborn/Ohio Counties       Virite Crappie       Litte Blue River (Ohio River Basin)       Crawford County       Dearborn       Crawford County       Dearborn       Crawford County       Dearborn       Crampie       Carp       Dearborn       Crampie       Carp       Dearborn       Crampie       Carp       Dearborn       Carp       Dearborn       Crampie       Carp       Dearborn       Crampie       Carp       Dearborn       Crampie       Carp       Dearborn       Carp       Carp       Virite Crampie       Carp       Carp       Carp       Virite Crampie       Litte Blue River       Porter County       White Sucker       Porter County       Bluegill       Porter County       Bluegill <td>ifish 5-6 6+ Bass 13+ Up to 12 Up to 7 10 to 7 10 to 10 Up to 23 11 fish 16+ 11 to 10 18 to 10 18 to 10</td> <td></td> <td>0 <b>4</b> 0 <b> 1</b>0 0 <b></b> 0</td> <td>Little Sugar CreekWalnut For Montgomery County Maumee River Allen County</td> <td>Creek C</td>	ifish 5-6 6+ Bass 13+ Up to 12 Up to 7 10 to 7 10 to 10 Up to 23 11 fish 16+ 11 to 10 18 to 10 18 to 10		0 <b>4</b> 0 <b> 1</b> 0 0 <b></b> 0	Little Sugar CreekWalnut For Montgomery County Maumee River Allen County	Creek C
Indianation     Indianation       Smallmouth Base     Smallmouth Base       Simult State     Smallmouth Base       Clinton County     Creek Chub       Kokomo Creek     ALL.SPECIES       Howard County     ALL.SPECIES       Laughery Creek     ALL.SPECIES       Dearborn/Ohio Counties     White Crappie       Little Blue River (Ohio River Basin)     Carp       Crawford County     Bluegull       Carp     Carp       Dearborn     Largemouth Base       Little Blue River     White Crappie       Little Blue River     White Crappie       Largemouth Base     Carp       Largemouth Base     Carp       Cramper     Carp       Carp     Carp       Cramper     White Crappie       Little Blue River     Northern Hogsuch       Porter County     Bluegill       Porter County     Black Buffalo       Porter County     Black Buffalo       Porter County     Black Buffalo       Randolph County     Black Buffalo       Randolph County     Black Buffalo       Bluegill     Carp       Porter County     Bluegill       Porter County     Bluegill       Carp     Carp       Porter County     Bluegill	(fish 5-6 6+ Bass 13+ Up to 12 Up to 7 Up to 7 Up to 23 Up to 23 Hish 16+ Srum 18+ Drum 18+		0 <b>4</b> 0 <del>-</del> - <b>1</b> 0 0 <del>-</del> - e 0	Montgamery County Maumee River Allen County	< Sugar Cr
Smallmouth Bas       Kilmore Creek       Cintion County       Cintion County       Kokomo Creek       Howard County       Laughery Creek       Dearborn/Ohio Counties       Dearborn/Ohio Counties       Carp       Dearborn       White Crappie       Little Blue River       Carp       Carp       Carp       Carp       Carp       Dearborn       White Crappie       Little Blue River       County       Carp	6+ Bass 13+ Up to 12 Up to 7 Up to 7 Up to 23 Up to 23 Up to 23 Hish 16+ Srum 18+		4 0 10 01 6	Maumee River Allen County	ALL
Smallmouth Bas       Kilmore Creek     Carp       Cintion County     Creek Chub       Kokomo Creek     ALL.SPECIES       Howard County     ALL.SPECIES       Laughery Creek     Carp       Dearborn/Ohio Counties     White Crappie       Little Blue River (Ohio River Basin)     Carp       Crawford County     Bluegul       Crawford County     Carp       Dearborn     White Crappie       Little Blue River (Ohio River Basin)     Carp       Crawford County     Bluegul       Crawford County     Bluegul       Carp     Carp       Dearborn     Carp       Crawford County     Carp       Crawford County     Bluegul       Crawford County     Bluegul       Crampo     Carp       Crampo     Carp       Carp     Carp       Crampo     Carp       Pauger     White Crappie       Little Blue River     White Crappie       Charper County     Carp       Porter County     Bluegul       Porter <t< td=""><td>Bass         13+           Up to 12         Up to 12           Up to 7         Up to 7           Up to 10         Up to 23           fish         16+           Drum         18+           Srum         18+</td><td></td><td>0 10 01 0</td><td>Allen County</td><td></td></t<>	Bass         13+           Up to 12         Up to 12           Up to 7         Up to 7           Up to 10         Up to 23           fish         16+           Drum         18+           Srum         18+		0 10 01 0	Allen County	
Kilmore Creek Chub Cinton County Creek Chub Kokomo Creek ALL. SPECIES Howard County Creek Chub Dearborn/Chio Counties Carp Dearborn White Crappie Little Blue River (Ohio River Basin) Crawford County Bluegul Cramford County Bluegul Cramp Crappie Little Blue River (Ohio River Basin) Crawford County Carp Carp Carp Crappie Little Blue River (Ohio River Basin) Cramp Carp Crappie Little Blue River (Ohio River Basin) Cramp Carp Crappie Little Blue River (Ohio River Basin) Cramp Carp Crappie Little Blue River (Ohio River Bluegul Carp County Carp Little Blue River (Ohio River Basin) Carp Carp Little Blue River (Ohio River Carp Bluegul Carp County Basine River Carp Bluegul Carp County Carp Little Mississinewa River Bluegill Marrick County Cunty Carp Little Pigeon Creek Bluegill Warrick County County Carp	Up to 12 Up to 7 Up to 7 All ie Up to 10 Up to 23 fish 16+ fish 16+ Srum 18+				Bigmout
Cinton County Creek Chub Kokomo Creek Jeward County ALL. SPECIES Jaughery Creek Dearborn/Chio Counties Carp Dearborn Crawford County Bluegul Cramford County Bluegul Cramford County Bluegul Cramford County Bluegul Carp Cramford County Bluegul Carp Cramford County Bluegul Carp Cramford County Bluegul Carp Cramford County Bluegul Carp Cramford County Bluegul Carp Cramford County Bluegul Carp Channel Carp Cramford County Bluegul Carp County Blue River Northern Hogsu Little Blue River County Bluegul Carp County Blue River County Bluegul Carp Carp Carp Carp Carp Carp Carp Carp	Up to 7 S ALL All Ie Up to 10 Up to 23 Up to 23 fish 16+ Srum 18+ Ant		- 10 01 0		Carp
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loward County Laughery Creek Dearborn Dearborn Little Blue River (Ohio River Basin) Crawford County Dearborn Crawford County Cramp Carp Cramp Carp Carp Carp Carp Carp Carp Carp Car	S ALI. All le Up to 10 Up to 7 Up to 23 Up to 23 fish 16+ Srum 18+ All		10 (V C		Channel
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Dearborn/Ohio Counties Carp Dearborn Dearborn Crawford County Deluegul Crawford County Basin Crawford County Carp Carp Carp Carp Carp Carp Carp Carp	All ie Up to 10 Up to 7 Up to 7 Up to 23 fish 16+ Srum 18+ Bass Up to 10		~		Freshwa
Dearborn     White Crappie       Ittle Blue River (Ohio River Basin)     Bluegull       Cramford County     Bluegull       Carp     Carp       Carp     White Crappie       Ittle Blue River     Northern Hogsuch       Shelby County     Carp       Order County     Carp       Order County     Carp       Order County     Bluegill       Carp     Bluegill       Carp     Carp       Autic Sucker     Vellow Bullhead       Order County     Bluegill       Carp     Bluegill       Carp     Bluegill       Carp     Carp       Carp     Carp       Carp     Bluegill       Carp     Carp       Carp     Bluegill       Carp     Carp       Carp     Carp       Carp     Bluegill       Carp     Carp       Carp     Carp       Carp     Carp       Carp     Carp       Carp<	ie Up to 10 Up to 7 Up to 23 fish 16+ Srum 18+ Bass Up to 10				Largemo
Little Blue River (Ohio River Basin) Cramford County Bluegull Carp Carp Carp Carp Creshwater Drun Largernouth Bas Largernouth Bas Sauger White Crapple Largernouth Bas Sauger White Crapple Largernouth Bas Sauger Vhite Crapple Largernouth Bas Sauger Vhite Crapple Largernouth Bas Sauger Vhite Crapple Largernouth Bas Sauger Carp Dorter County Carp Bluegill Bluegill Carp Carb Carp Ca	Up to 7 Up to 23 fish 16+ 2rum 18+ Bass Up to 10				River Re
Crawford County Bluegull Carp Carp Channel Caffish Freshwater Drun Largemouth Bas Carp Sauger White Crapple ittle Blue River Sauger White Crapple Stager Ather Hoosuc Mite Calumet River Carp Dorler County Carp Bluegill Bluegill Bluegill Bluegill Bluegill Carp Bluegill Bluegill Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carb Bluegill Carp Carp Carp Carp Carp Carp Carp Carp	Up to 7 Up to 23 fish 16+ Zrum 18+ Bass Up to 10				
Carp     Carp       Channel Cattish     Freshwater Drun       Freshwater Drun     Largernouth Bas       Largernouth Bas     White Crappie       Little Blue River     White Crappie       Sauger     White Crappie       Little Blue River     Northern Hogsuc       Sheby County     Carp       Largernouth Bas     Sauger       Solder     White Sucker       Porter County     Carp       Dorter County     Black Buffalo       Bluegill     Black Buffalo       Bluegill     Carp       Porter County     Black Buffalo       Sandolph County     Bluegill       Carp     Carp       ALL SPECIES     Ittle Prigoon Creek       Little Plagoon Creek     Bluegill       Marrick County     Carp	Up to 23 fish 16+ Zrum 18+ Bass Up to 10				Rock Bé
Channel Cattish     Freshwater Drun       Freshwater Drun     Largemouth Bas       Ittle Blue River     White Crappie       Stauger     White Crappie       Ittle Blue River     Northern Hogsuc       She County     Northern Hogsuc       Act Calumet River     Northern Hogsuc       ake County     Carp       Order County     White Sucker       Present River     Vehine Sucker       Order County     Black Buffalo       Bluegill     Black Buffalo       Black Buffalo     Black Buffalo       Sandolph County     ALL SPECIES       Attie Pigeon Creek     Bluegill       Verrick County     Carp	fish 16+ Drum 18+ Bass Up to 10				
Freshwater Drun       Largermouth Bas       Largermouth Bas       Largermouth Bas       Sauger       White Crapple       Shelby County       White Crapple       Shelby County       Ittle Blue River       Shelby County       Calumet River       Actor       Orfer County       Conty       Carp       Drift Blue River       Performed River       Carp       Black Buffalo       Black Buffalo       Black Buffalo       Bluegill       Carp       Carp       Porfer County       Rancer       Yellow Buffalo       Black Buffalo       Black Buffalo       Black Buffalo       Black Buffalo       Black Buffalo       Bluegill       Carp       Carp       Carp       Bluegill       Marrick County       ALL SPECIES       Ittle Plageon Creek       Carpitish	Jrum 18+ Bass Up to 10 184		2		Sauger
Largemouth Bas Largemouth Bas Sauger White Crappie ittle Blue River Shelby County Ittle Blue River ake County Carp Order County Date Blue Buffalo Bluegill Bluegill Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Bluegill Carp Carp Carp Bluegill Carp Bluegill Carp Carp Carp Bluegill Carp Carp Bluegill Carp Carp Bluegill Carp Carp Carp Carp Carp Carp Carp Carp	Bass Up to 10 18-	ε	3		Shorthe
Ittle Blue River     White Crapple       Ittle Blue River     White Crapple       Shelby County     Northern Hogsuc       Ittle Blue River     Northern Hogsuc       ake County     Carp       ake County     White Sucker       are County     Pellow Bullhead       orfer County     Black Buffalo       Bluegill     Black Buffalo       Ittle Mississinewa River     ALI, SPECIES       Arrick County     Bluegill       Verrick County     Bluegill	10.4	E	-		
Sauger       Ittle Blue River       White Crappie       Ittle Blue River       Ittle Blue River       Ittle Calumet River       ake County       Antice Calumet River       Antice Calumet River       ake County       Order County       Black Buffalo       Black Buffalo       Black Buffalo       Bluegill       Carp       Attle Rississinewa River       Attle Pigeon Creek       Ittle Pigeon Creek       County       Attl. SPECIES	101	כ	6		Walleye
White Crapple       Ittle Blue River       Ittle Blue River       Ittle Calumet River       Ittle Calumet River       Ittle Calumet River       Action Suffield       Action Suffield       Plack Buffield       Plack Buffield       Plack Buffield       Plack Buffield       Plack Buffield       Bluegill       Carp       Ittle Mississinewa River       ALL SPECIES       Ittle Pigeon Creek       Bluegill       Vennck County	14+	D	<i>с</i> о		
irtle Blue River intelby County Northern Hoosuo intel Calumet River ake County Carp Vihite Sucker Vellow Bullhead Vellow Bullhead Vellow Bullhead Vellow Bullhead Vellow Bullhead Palack Buffalo Bluegill Carp Carp Carp ALL SPECIES inthe Mississinewa River Vennel Catifish inthe Pigeon Creek Vennel Catifish Vennel County Vennel County Catifish Carp	ie Upto9		-	Middle Fork Wildcat Creek	
helby County Intern Hogsur Itte Calumet River ake County Carp White Sucker Yellow Bulhead Orfer County Black Buffalo Black Buffalo Black Buffalo Carp Carp ALL SPECIES ittle Mississinewa River ALL SPECIES ittle Pigeon Creek Bluegill Varrick County Channel Caffish			Γ	<b>Tippecanoe County</b>	Black R
ittle Calumet River ake County Carp White Sucker Yellow Bulhead Porter County Black Buffalo Black Buffalo Blace Buffalo Blace Buffalo Blace Buffalo Carp Carp Flathead Caffish ittle Mississinewa River ALL SPECIES ittle Pigeon Creek Varrick County Channel Caffish	gsucker 11+		0	•	Carp
ake County Carp White Sucker Yellow Bullhead Porter County Black Buffalo Black Buffalo Black Buffalo Black Buffalo Carp Carp Flathead Caffish ittle Mississinewa River ALL SPECIES ittle Pigeon Creek Varrick County Channel Caffish					
White Sucker       Velow Bullhead       Pelow Bullhead       Plack Buffalo       Black Buffalo       Camp       ALL SPECIES       Vartick County       Channel Catfish	ALL		40		Golden
Porter County Yellow Butthad Porter County Black Buffalo Bluegill Carp Carp Carp Flathead Catfish ittle Mississinewa River ALL SPECIES andolph County ALL SPECIES (the Pigeon Creek Varrick County Channel Catfish	r Up to 11		-	Mill Creek	
Porter County Black Buffalo Bluegill Carp Carp Carp Flathead Catfish ittle Mississinewa River ALL SPECIES Attle Pigeon Creek Varrick County Channel Catfish	ead Up to 10		-	Fulton County	Creek 0
Bluegil Carp Carp Ittle Mississinewa River ALL SPECIES Attle Pigeon Creek Bluegill Varrick County Channel Catfish	All All	D	6	Mississinewa River	
Carp Carp Flathead Catfish ittle Mississinewa River ALL SPECIES Attle Pigeon Creek Varrick County Channel Catfish	Up to 7		-		
Flathead Catfish           ittle Mississinewa River         ALL SPECIES           kandolph County         ALL SPECIES           .ittle Pigeon Creek         Bluegill           Varrick County         Channel Catfish	Up to 22	¤	67	Consumption of fish from the Mi	SSISSINEWS
Flathead Catfish           ittle Mississinewa River         ALL SPECIES           candolph County         ALL SPECIES           ittle Pigeon Creek         Bluegill           Varrick County         Channel Catfish	23+	D	4	ber monute from Eventions to this a	stat popul
ittle Mississinewa River kandolph County ALI, SPECIES ittle Pigeon Creek Bluegill Varrick County Channel Caffish	tfish All	0	m		
Randolph County ALI. SPECIES ALI. SPECIES Altie Pigeon Creek Bluegill Marrick County Channel Catfish				Randolph County	Carp
ittle Pigeon Creek Eluegill Varrick County Channel Caffish	SS ALL	0	10		8
Varrick County Channel Catfish	Up to 5		-		Channe
	fish 17+	D	(77		
					Green S
Freshwater Drun	Drum 19+	D	e1		Quillbac
Largemouth Bas	Bass 11+	Π	m		Smallmo
Sauger	18+		£		
Little Pipe Creek				General Population	M ≡ O
Miami County Creek Chub	Up to 5		-	Group 1 = Unlimited meals	Group
Little Salt Creek				Group 4 = 1 meal/2 months	Group
Lawrence County Longear Sunfish	nfish Up to 4		-	(For women and children, pl	ease refe

cation	Species	Fish Size (Inches)	Contaminant	Group	
tle Sugar Creek/East Fork (	White River Basin				_
ncock County	Creek Chub	AJ		ŝ	_
tle Sugar Creek/Walnut For	rk Sugar Creek to Sugar	. Creek			_
intaomery County	ALL	ALL		ŝ	
umee River					_
en County	Bigmouth Buffalo	20+		ŝ	_
	Carp	Up to 20	0	4	_
		20-22		чð	
	Channel Catfish	14-16		n	_
	2	16+		4	_
	Freshwater Drum	AII	ם	e	_
	Largemouth Bass	+6		n	_
	River Redhorse	12-14	٥	m	_
		14+		4	-
	Rock Bass	7-8		n	_
		8+		4	
	Sauger	24+		ñ	_
	Shorthead Redhorse	14-15	۵	m	_
		16+	0	4	_
	Walleye	Up to 21		4	_
		21+		ŝ	-
ddle Fork Wildcat Creek					_
pecanoe County	Black Redhorse	Up to 10		٢	_
	Carp	Up to 22	0	8	_
		22+	0	ŝ	-
	Golden Redhorse	Up to 10		F	<b></b>
ll Creek					<u> </u>
ton County	Creek Chub	Up to 5		۲	_
ssissinewa River					_
nsumption of fish from the M	lississinewa River should	be limited to	no more than o	ne meal	_
r month (Group 3) for the ger	neral population and NO (	ILAWOSNOC	ON by the at-n	×	
oulation. Exceptions to this :	advice for the general pop	ulation are #	sted below:		_

Randolph County	Carp	Up to 18		4
		18+		w
	Channel Catfish	Up to 15	D	4
		15+		ы
	Green Sunfish	3+	ם	ю
	Quillback	15+	a	4
	Smallmouth Bass	14+		4

General Population O = Mercury  $\Box = PCBs$ Sroup 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Sroup 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children, please refer to the Guidelines on page 5.)

Location	Specles	Fish Slza (Inches)	Contaminant	Grot
Otter Creek				
Vigo County	Black Redhorse	14+		'n
	Spotted Bass	8+	0	e
Paw Paw Creek				
Niami County	White Sucker	Up to 10		-
Patoka River				Ľ
Dubois County	<b>Bigmouth Buffalo</b>	21+	0	ო
	Channel Catfish	19+	Þ	m
Gibson County	Black Buffalo	25+		es
	Channel Catfish	18+		m
	Flathead Catfish	20+		с,
Pike County	Freshwater Drum	22+		9
Pigeon Creek (St. Joseph River	Basin)			
Steuben County	Carp	21-25		e
		25+		4
Pigeon Creek (Ohio River Basin	-			
Vanderburgh County	Channel Catfish	11-13		e
		14+		4
	Flathead Catfish	Up to 18		τ?)
	Freshwater Drum	19+	0	3
Pigeon River				
LaGrange County	Hornyhead Chub	Up to 6		-
	Rock Bass	Up to 8		-
Pipe Creek				
Madison County	White Sucker	12+	Π	3
Miami County	Creek Chub	Up to 7		-
	While Sucker	Up to 10		-
Pleasant Run Creek		1		
Lawrence County	ALL SPECIES	ALL		w
Prairie Creek				
Boone County	Creek Chub	6-7	0	e
Richland Creek				
Monroe/Greene/Owen Counties	Black Redhorse	13+		e
	Creek Chub	5-7	D	n
		7+		4
	Freshwater Drum	15+		en
	Largemoulh Bass	13+	0	9
	Longear Sunfish	+9	0	e
	Rock Bass	+2	ם	6
	Spotted Bass	12+		e
	White Sucker	8-11	e	ŝ
		11+		4

Location	Species	Fish Size C (inches)	ontaminant	Group
Mississinewa River Cont.				
Randolph County Cont.	White Crappie	10+		4
	White Sucker	10+		4
Delaware County	Carp	21+		4
	Channel Catfish	21+		4
	Quillback	15+	D	4
	White Sucker	10+	0	4
Grant County	Carp	21+		4
	Channel Catfish	24+		4
	Flathead Catfish	17+		4
	Quillback	13+		4
	White Sucker	10+		4
Miami County	Carp	15-20		e
		20-25		4
		25+		us
Mud Creek				
Fulton County	Creek Chub	Up to 7		-
	White Sucker	Up to 11		-
Muddy Fork of Sand Creek				
Decatur County	Black Redhorse	15+	0	m
	Largemouth Bass	6-11	B	ŝ
		11+		4
	Longear Sunfish	Up to 4		-
	Northern Hogsucker	6-10		ę
		10+		4
	White Sucker	10-12		۲
Muscatatuck River				
Jackson/Washington Countres	Bigmouth Buffalo	26+		ę
	Carp	23+	0	Ð
	Channel Cattish	Up to 21		۲
	Smallmouth Buffalo	23+	0	9
North Fork Satt Creek			i	
Brown County	Carp	23+	0	2
	Longear Sunfish	All		-
North Fork Vernon Fork Musca	atatuck River			
Jennings County	Carp	20+	0	2
	Longear Sunfish	AII		-
General Population	O ≈ Mercury	□ = PCBs		
Group 1 = Unlimited mode	Group 2 - 1 mooth	Control of	- 1 month	444

General Population U = Mercury U = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/week Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children, please refer to the Guidelines on page 5.)

Location	South Fork Wildcat Creek Clinton/Tippecanoe Counties											Stony Creek	Hamilton County	Stouts Creek	Monroe County	St. Joseph River (Lake Eri	Allen County													St. Joseph River (Lake Mic	Elkhart County							General Population	Group 1 = Unlimited mea
Species	s Black Redhorse	Carp			Channel Cattish	Creek Chub	Golden Redhorse	Longear Sunfish	Rock Bass	Smallmouth Bass	White Sucker		ALL SPECIES		Creek Chub	e Basin)	Black Crappie		Black Redhorse		Carp	Channel Catfish	Golden Redhorse		Largemouth Bass	Rock Bass		Spotted Sucker	White Crappie	higan Basin)	Bluegill	Carp		Channel Catfish	Golden Redhorse	Northern Hogsucker	Rock Bass		ls Group 2 = 1 meal
(inches)	13+	Up ta 18	18-26	26+	194	+2	<del>1</del> +	4+	7+	10+	12+		ALL		8+		9-11	11+	13.16	16+	Up to 20	16+	12-13	13+	Up to 11	7-9	+6	Up to 14	Up to 11		Up to 8	25-28	28+	29+	17+	15+	Up to 7		l/week Grou
Contaminant					];		œ	D		α								٥									3						1	e	0	D		y y	n 3 = 1 meal
5			.,	4	"	3	,	e	ς,	(*)	6		30		3		ŝ	4	ŝ	4	2	e	es.	4	-	ŝ	4	-	۲		-	ę	4	3	e	e	-		Month

Location	Species	Fish Size (Inches)	Contaminant	Group
Rock Cresk Huntington County	Carp	20+	0	2
	Longear Sunfish	Up to 4		-
Salamonie River Jay/Blackford/ Huntington/	Carp	Up to 19		-
Wabash Countles		19+	e	2
	Freshwater Drum	Up to 11		-
	Golden Redhorse	Up to 11		-
	Rock Bass	Up to 6		-
	Spotted Sucker	Up to 10		-
	White Crappie	Up to 7		۴
	White Sucker	Up to 10		-
Saft Creek Monroe County** (ta	ilwaters of Monroe Reser	voir Dam to C	lear Creek)	
	Freshwater Drum	Up to 16		4
		16+		ч¢
0.6	Striped Bass	12+	o	e
	Walleye	15-21		т
		21+		4
Salt Creek Monroe County (con	fluence of Clear Creek to	Lawrence Co	unty)	
Lawrence County	ALL SPECIES	ALL		ND.
•• This listing is based on limited from these waters may migrate to fouth. Those water bodies have Creek tailwaters below the Monro	iata. It should be noted th om the confluence of Cle No Consumbtion advisor e Reservoir Dam is plant	hat fish migraf ar Creek and ( es Future sa hed for more c	e. Fish nol sa Salt Creek, 1.3 mpling of the : omprehensive	mpled 1 miles Satt results
Sand Creek				
Decatur/Jackson/Jennings	Black Redhorse	Up to 7		٠
Counties	Carp	13-27	0	2
		27+	0	e
	Longear Sunfish	Up to 4		-
	Northern Hogsucker	Up to 8		-
	River Carpsucker	Up to 12		-
	White Sucker	Up to 8		-
	Yellow Bullhead	10-12		en
		12+		4
Silver Creek Floyd County	Carp	21-25		n
		25+		4
	Channel Catfish	Up to 10		٢
	Freshwater Drum	18+	-	9
	Longear Sunfish	Up to 5		-

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Location	Species	Fish Size	Contaminant	Group	Location	Species	Fish Size C (Inches)	ontaminant	Group
St. Joseph River (Lake Michig:	an Basin) Cont.				Sugar Creek (East Fork White	e River Basin)			
Elkharl County Cont.	Shorthead Redhorse	15-17		5	Hancock/Johnson/Shelby	Black Redhorse	9-16		
		17+		4	Counties	Carp	Up to 24	0	. ~
	Wateye	16+	0	117			24+	0	en ا
	White Sucker	Up to 14		F		Longear Sunfish	Up to 5	,	ŀ
St. Joseph County (Baugo Bay	Bluegill	Up to 8		÷-					Γ
Areal	Channel Cadish	Up to 22	0	0		Northern Hogsucker	Up to 11		-
	(Scients sciences	22+		4	Sugar Creek, Walnut Fork				Ι
	Largemouth Bass	Up to 13		1-	Montgomery County				
	Rock Bass	Up to 8		-	All fish in this upstream portion o	of the Walnut Fork of Su	ugar Creek should	d be limited to	arom on
	White Sucker	Up to 14		-	than one meal per week (Group	o 2) for the general popu	Itation Exception	is to this advic	te for the
St. Joseph County	Black Redhorse	16-18	0	l en	general population are listed.				
		18+		4		Black Redhorse	Lio to 14		
	Bluegil	Up to 7	0	l en			14+		
		7.	0	4	Sugar Creek (Middle Wabash	River Basin)		1	ſ
	Carp	Up to 20	0	4	Mentsomery County - Unstream	m of 1-74			
	Channel Catfish	AII	0	4	All fish upstream of I-74 are loca	ated well above the know	wn PCB contamir	ation sources	Thev
	Golden Redhorse	AII	-	I un	have been found to be much tow	wer in contaminants Fc	ollow the General	Safe Eating	
	Largemouth Bass	14+	-	10	Guidelines Exceptions to this a	are listed.			
	Quiliback	+91	-	Im		Black Redhorse	Lip to 13		,
	Rainbow Trout (also	26-31		1~		Langua Sunfish	2 2 4		-
	known as Steelhead)	31+	0	) ব	Monteemery County - 1-74 to St.	Institute Independent	e n dn		T
	Shothand Radiovan	14.10	6	1.0	and the second second second				
	and some share and an and share some some some some some some some som	101		o •	Consumption of any fish from the	his reach of Sugar Creek	k should be limited	d to no more t	han six
	Burndlers of Mass		3	<del>.</del>	meals per year (Group 4) for the	e general population and	d NO CONSUMP	TION by the a	t-risk
	Smailmouth basis	*8	-	m I	population. Exceptions to this a	advice for the general po	opulation are lister	ä	
	White Sucker	14-16		6					
	Yellow Bullhead	Up to 10	0	**		Black Redhorse	13+		s
St. Marys River						Channel Catfish	14+	ŀ	10
Allen County	Black Redhorse	15+	0	ы		Freshwater Drum	13+		6
	Carp	Up to 20	0	6		Rock Bass	+6		50
		-20+	0	4		Smallmouth Bass	+6		5
	Channel Catfish	13-15	0	m	Montgomery County - State Roa	ad 32 to Parke County ir	ncluding stream n	eaches along	Shades
		15+		4	and Turkey Run Stale Parks		)	2	
	Largemouth Bass	Up to 15	0	i en	Consumption of any fish from the	us portion of Sugar Cree	ek should be limite	ed to on more	than one
		15+		4	meal per month (Group 3) for the	le general population an	NA NO CONSUME	TION of any	ish by the
	Silver Redhorse	17+		e l e	at-risk population. Exceptions to	o this advice for the gen	teral population ar	e listed.	
	White Sucker	-11+		ote					
			,	,		Black Rodborce	164	C	_
						DidUK Neuhorse	+01	כו	4
						Channel Cattish	Up to 13	31	3
							20+		4
						Flathead Catfish	23+		4
General Population	O = Mercury				_	Rock Bass	All		8
Group 1 = Unlimited meals	Group 2 = 1 meat/w	eek Group3 rat	3 = 1 meal/m	onth		i		1	
(For women and children, ple	ase refer to the Guide	lines on nade	51			Shorthead Redhorse	Up to 13	_ c	~ ~
		2022 - 12 22 III	1.0				461	3	4
						Smallmouth Bass	19+	ב	4

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Location	Species	Fish Size (Inchas)	Contaminant	Group	Location	Species
Sugar Creek (Middle Wabash Parke County to the Wabash Ru	River Basin) (Cont.) ver				Trail Creek Cont. LaPorte County Cont.	Smallmou
Consumption of any fish from th meal per week (Group 2) for the month of any fish for the at-risk ,	iis portion of Sugar Creek s general population and population. Exceptions t	k should be limi limited consum o this advice fo	ted to no more t ption of one me r the general po	han one si per pulation		Walleye
are listed.	Black Redhorse	14+		ro N	Travers Ditch Fulton County	Blacknose
	Channel Catfish	13-20		en	Unnamed Tributary of Eel	liver
		20+		4	Miami County	Creek Ch
	Freshwater Drum	16+		£	Wabash River	
	Sauger	17+	٥	es.	Adam and Wells Counties	Channel C
	Smallmouth Bass	15+		0		Freshwate
	Spotted Bass	15+		4		Golden R
Tanners Creek						
Learborn County	Bluegiu Caro	Up to 6 19-21	C	- 1		White Cra
		21+	30	1 67	Huntington and Wabash Counties	
	Largemouth Bass	Up to 13 17+	ê	- e		Freshwate White Bas
Tippecanoe River						
voordaard county (cowego to	Bluegill	Up to 5			Miami, Cass, Carroll, and Tippecanoe (upstream of	Blue Suck
	Carp	Up to 23		64	Lafayette) Counties	
		23+		6		Channel C
	Longear Sunfish	Up to 5		-		Sauger
	Rock Bass	Up to 6		1		Shorthead
	Warmouth	Up to 6		-		Smallmou
Kosciusko County (Downstream	1 of State Road 15)					
	Bluegill	÷9		5	Tippecanoe (downstream fr	71 Bigmouth
	Carp	20-27		m	Larayerrey, Fountain, warre Vermillion and Parke Counti	Blue Suck
	Dodkorne Canada	212		4		
		18+		0 4		Carpsuck
Fulton County	Carp	Up to 24	0	2		
		24+		ę		Channel C
Pulaski County	Carp	16-25	0	73		
		25+		en		Flathead (
	Longear Sunfish	Up to 4		-		Paddlefish
Carroll County	Carp	21-22	e	2		Sauger
		22+	٥	m		Smallmou
Trail Creek				ſ		
LaPorte County	Brown Trout	18+	D	e7		
	Carp	Up to 23 23+		4 kü	General Population	n Mer
	Rock Bass	10+		6	Group 1 = Unlimited mea	s Group 2

ation	Species	Fish Size (inches)	Contaminant	Group
il Creek Cont. Porte County Cont	Smallmouth Bass	14-19		n
		19+		4
	Walleye	18-27	ום	m
		27+		4
vers Ditch ton County	Blacknose Dace	Up to 2		-
named Tributary of Eel Riv	er Croot Chub			
hach Diver				-
uash kiver am and Wells Counties	Channel Catfish	21+		3
	Freshwater Drum	Up to 12		1
	Golden Redhorse	Up to 13		-
	White Cranoie	Lin to 9		-
Ninoton and Wabash	Blue Sucker	21-26		6
unties		26+		- <del>1</del>
	Freshwater Drum	Up to 12		+
	White Bass	11+21	0 E	e
		21+	D	4
mi, Cass, Carroll, and	Black Redhorse	19+	٥	en
pecanoe (upstream of	Blue Sucker	21-26		т
ayette) Counties		26+		4
	Channel Catfish	15+		n
	Sauger	13+		3
	Shorthead Redhorse	15+		3
	Smallmouth Buffalo	Up to 20	D	ы
		20+	۵	4
pecanoe (downstream from	<b>Bigmouth Buffalo</b>	18+		3
ayette) , Fountain, Warren, milion and Borlio Counting	Blue Sucker	21-26		ę
		26+	0	4
	Carpsuckers	Up to 13		en
		13-19		4
		19+		ю
	Channel Catfish	Up to 20	œ	m
		20+	D	4
	Flathead Catfish	21+	٥	e
	Paddlefish	34+		3
	Sauger	13+	٥	ю
	Smallmouth Buffalo	Up to 20		ю
		20+	0	4

ext Fork of White River Cont.         cultisaci.         1-18         0	Location	Species	Fish Size	Contaminant	Group	
andolph County teleaner County eleaner County         Cuiteriol         1-13         0           eleaner County         Spotfeed Sucker         11-13         0         0           eleaner County         Buck Ruthmeal         1-1         0         0           Buck Ruthmeal         1-1         1-1         0         0           Channel County         2-0         0-1         1-1         0         0           Make Sucker         1-1-1         1-0         0         0         0         0           Make Sucker         1-1-1         1-0         0	West Fork of White River Cont					
Researce County Intervention         Researce County (Red finitions)         Res         Ruthmedia	landolph County Cont.	Quiliback	13-18	0	e	
Spetted Sucter         1+13         0           etaarae County         Elack Reditoree         1+13         0           Black Reditoree         8+16         0         0           Black Routh         8+1         0         0         0           Anthorick         13+1         0         0         0         0           Anthorick         1+1         0         0         0         0         0           Anthorick         0			-81	0	4	
Internet County Internet County Internet County Internet County Internet County Internet County Internet County Internet Int		Spotted Sucker	11-13	0	i e	
elsense County Isack Ruthnese         Isack Ruthnese         Isa- (1-1)         Isack Ruthnese         Isack         Isack Ruthnese         Isack         Isack Ruthnese         Isack         Isack <thisack< th="">         Isack         Isack</thisack<>			13+	0	4	
Black Reditions         R4-16         0           10         10         10         10         10         10           10         10         10         10         10         10         10           10         10         10         10         10         10         10         10           10         10         10         10         10         10         10         10         10           10	relaware County	Etteck Bullhead	*	0	ιm	
Number of a field         Sector		Black Redhorse	14-16	0	10	
Channel Cantish         14-15         0           Largemouth Base         10-15         0         0           Largemouth Base         10-15         0         0           Largemouth Base         10-15         0         0           Mente Sucteer         15+         0         0           Spotted Sucteer         15+         0         0           Mente Sucteer         15+         0         0           Mente Sucteer         15+         0         0           Spotted Sucteer         15+         0         0           Mente Sucteer         15+         0         0           Mente County (Upstreamed         0         15+1         0         0           Mente County (Upstreamed         15+1         0         0         0           Mente County (Upstreamed         15+1         0         0         0           Mente County (Upstreamed         15+1         0         0         0           Mente Reple Damin         15+1         0         0         0           Mente Reple Damin         15+1         0         0         0           Mente Reple Damin         15+1         0         0         0			+91		4	
Number of the part		Channel Cattsh	14-15	0	i eo	
Largemouth Base         0-15         0         0         4           Mathon County         15-11         0         1			+94		4	
15.         15. <th 15.<="" td="" th<=""><td></td><td>Largemouth Bass</td><td>10-15</td><td>8</td><td>Iω</td></th>	<td></td> <td>Largemouth Bass</td> <td>10-15</td> <td>8</td> <td>Iω</td>		Largemouth Bass	10-15	8	Iω
Contract         13-16         1           Maken County         Spotted Sucker         13-16         0           Maken County         Spotted Sucker         11-13         0           Maken County         Spotted Sucker         11-13         0           Maken County         Ceren Sucker         13-4         0           Maken County         Ceren Sucker         13-4         0           Maken County (Upstream of and Sucker         13-17         0         0           Maken County (Upstream of and Sucker         13-16         0         0           Maken County (Upstream of and Sucker)         13-16         0         0           Maken County (Upstream of and Sucker)         13-16         0         0           Maken County (Upstream of and Sucker)         13-16         0         0         0           Maken County (Upstream of and Sucker)         13-16         0         0         0           Maken County (Upstream of and Sucker)         13-17         0         0         0           Maken Sucker         13-18         0         14-1         0         0           Maken Sucker         13-18         0         13-15         0         0           Maken Control Bass			15+	0	4	
Image: Control         Image:		Quiliback	13-18	0	10	
Spotted Suctary antition County         Spotted Suctary (While Suctary Spotted Suctary (Deen Suctary)(Deen Suc			18+	0	4	
Independence         13+         1           Independence         1         1         1           Independence         1         1         1         1           Independence         1         1         1         1         1           Independence         1         1         1         1         1         1           Independence         1		Spotted Sucker	11-13	0	m	
Minim County         Winim Succiser         15+         0           aminan County         Green Suchain         1+         0         3           aminan County         Upstream of         Upstream of         1+         0         3           anion County (Upstream of         Langemouth Bass         1+         1+         0         4           anion County (Upstream of         Langemouth Bass         1+         1+         0         4           anion County (Upstream of         Langemouth Bass         1+         1+         4         4           anion County (Upstream of         Langemouth Bass         1+         1+         4         4           anion County (Downstream of         Bass         1+         1+         4         4           anion Rounty (Downstream of         Bass         1+         1+         4         4           anion County (Downstream of         Bass         1+         1+         4         4			13+		4	
Indent County         Creen Sturtler         I++         I           amittan County         Spotted Sturtler         11+         I		White Sucker	15+	o	10	
Amiltain County         Spotted Suctain         11+         0         0           Amiltain County         Carp         Up to 17         0         0           Amiltain County         Langemouth Basis         11-17         0         0           Amiltain County         Langemouth Basis         11-16         0         0           Amiltain County (Lownstream of Internouth Basis         11-16         0         0         0           Amiltain County (Lownstream of Internouth Basis         11-16         0         0         0           Amiltain County (Lownstream of Internouth Basis         11+16         0         0         0           Amiltain County (Lownstream of Internouth Basis         11+16         0         0         0           Amiltain County (Lownstream of Internouth Basis         11+16         0         0         0           Amiltain Internouth Basis         11+1         0         0         0         0           Amiltain Internouth Basis         11+1	ladison County	Green Sunfish	•0	0	1 m	
Amilian County         Carp         Up to 17         0         6           Amilian County         20+         0         5		Spotted Sucker	11+	0	10	
Target County (Lipstream of anim of anim of anim anim of anim of anim anim of anim of anim anim of anim of anim of anim anim of anim of anim anim of anim of anim of anim of anim anim of anim	lamitton County	Carp	Up to 17	D	67	
20+         20+         0         5           Langerrouch Bass         11-17         00         3           and Ripple Dam)         3+         10+         4           and Ripple Dam)         3+         0         10+         4           and Ripple Dam)         3+         0         11+16         0         4           and Ripple Dam)         3+         10+16         1         4         4           and Ripple Dam)         16+         0         1         4         4           and Ripple Dam)         16+         0         1         4         4           and Ripple Dam)         16+         0         1         4         4         4           and Ripple Dam)         16+         0         1         4         4         4           Carp         Up to 19         1         1         1         4         4           Carp         Up to 19         0         1         1         1         4         4           Carp         Up to 19         0         1         1         4         4         4           Carp         Up to 19         0         1         1 <td< td=""><td></td><td></td><td>17-20</td><td>0</td><td>4</td></td<>			17-20	0	4	
Langeroouth Base         11-17         IOO         4           Intern County (Upstream of anien County (Upstream of anien County (Downstream of anien County (Downstream of anien County (Downstream of anien County (Downstream of Base         11-14         10         4           Coultback         Langeroouth Bases         11-16         1         4           Intern County (Downstream of anien County (Downstream of Bases         Up to 19         1         4           Carp         Up to 19         1         1         4         1           Charned Carlfah         12-17         10         8         1			20+	0	ŝ	
International Reprine Dama         International Reprine Dama <th< td=""><td></td><td>Largemouth Bass</td><td>11-11</td><td>0 B</td><td>-</td></th<>		Largemouth Bass	11-11	0 B	-	
Internation         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0         4-9         1-0 <th1-0< th="">         1-0         <th1-0< th=""> <th1-< td=""><td></td><td></td><td>+25</td><td>0</td><td>4</td></th1-<></th1-0<></th1-0<>			+25	0	4	
Production of Ripple Darm)         Design of the first intervent Bases         13-18         Design of the first intervent Bases         13-18         Design of the first intervent Bases         14-11         Des		Longear Sunfish	4-9	0	9	
Condition         13-15         14           anion County (Upstream of anion County (Downstream of carp         14+1         14           Integration         Up to 19         0         14+1         14           Integration         Up to 19         14         14         14           Integration         Up to 19         14         14         14         14           Integration         13+15         100         3         14			*6	0	4	
Meter County (Upstream of noar Ripple Dam)         Largemouth Bases         11-16         1         4           Initial Ripple Dam)         16+         16+         1         4           Initial Ripple Dam)         16+         10+         5         4           Initial Ripple Dam)         16+         10+         5         4           Initial Ripple Dam)         10+         10+         5         4           Initial Ripple Dam)         10+         10+         5         5         5           Initial Ripple Dam)         10+         10+         10+         5 <td></td> <td>Quiliback</td> <td>13-16</td> <td></td> <td>m.)</td>		Quiliback	13-16		m.)	
and County (Upstream of Langemouth Bases 11-16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			18+		*	
Tarian Country (Downstream of Blangt         Blangt         Up to 19         Latence           Carp         Up to 19         0         1           Channel Carltah         12-17         0         1           Channel Carltah         12-17         0         1           Flathead Carltah         13-15         0         1           Flathead Carltah         13-15         0         3         3           Ruer Carpoucker         14-17         0         3         3           Ruer Carpoucker         14-17         0         3         3           Ruer Carpoucker         14-17         0         3         3           Spotted Bass         17+4         0         3         3           Spotted Bass         11+13         0         3         3	terren County (Upstream of room Ripple Dam)	Largemouth Bass	11-16	00	n 4	
Carp         Up to 19         Dev         D	tarren County (Downstream of	Bluepit	Up to 6		-	
19+         19+         19+         19+         10-         19+         10- <td>road Ripple Dam)</td> <td>Carp</td> <td>Up to 19</td> <td>D</td> <td>4</td>	road Ripple Dam)	Carp	Up to 19	D	4	
Charmel Cartish         12-17         1           Flarthead Cartish         12-15         1           Flarthead Cartish         13-15         1           Flarthead Cartish         13-15         1           Flarthead Cartish         13-15         1           Flarthead Cartish         15+1         1           Flarthead Cartish         15+1         1           Flarthead Cartish         15+1         1           River Carpsucker         14-17         1           Autiback         13+1         1           Spotted Bass         11+1         1           Spotted Bass         11+13         1           13+         13+         1			19+	0	<b>1</b> 0	
Turthead Catfish         17+         1           Flarthead Catfish         13-15         10         6           Flarthead Catfish         13-15         10         6           River Carpsucker         14-17         1         1           Spotted Bass         11+1         1         1           13+         11+1         1         1           13+         11+1         1         1		Channel Catfish	12-17	0	[ es	
Flathead Catitah     13-15     10       Flathead Catitah     13-15     10       Isher Carpsucker     15+     1       River Carpsucker     14-17     1       River Carpsucker     13-18     1       Spotted Bass     11+13     1       Spotted Bass     11+13     1       13+     13+     1			17+	0	4	
15+     15+       Largemouth Bass     17+       River Carpoucher     14-17       River Carpoucher     14-17       River Carpoucher     14-17       Spotted Bass     11+1       Spotted Bass     11+13       13+     11+13       Spotted Bass     11+13		Flathoad Catfish	13-15	0	9	
Latipemouth Base     17+     0       River Carpaucker     14-17     0       River Carpaucker     14-17     0       Authback     13+18     0       Spotted Base     11+13     0       Spotted Base     11+13     0       13+     13+     0			15+	0	4	
River Carpsucker         14-17         0           Quiliback         13+1         0         5           Quiliback         13-18         0         5           Spotted Base         11+1         0         5           13+         11+1         0         5           Spotted Base         11+13         0         5           13+         13+         0         5		Largemouth Bass	+24	0	103	
T7+         T7+         D           Quiliback         13-18         D         3           Smallmouth Bass         18+         D         5           Spotted Bass         11+13         D         5           13+         11+13         D         13+		River Carpsucker	14-17	0	] m	
Quilibrack         13-18         0           Smallmouth Bass         18+         0           Spotted Bass         11+         0           13+         1         1			+21	0	4	
18+         18+         0           Smallmouth Bass         11+         0         3           Spotted Bass         11-13         0         3           13+         13+         0         3		Quilback	13-18	0	[ო	
Smallmouth Bass 11+ 0 3 Spotted Bass 11-13 0 3 13+ 0 4		STANSON STANSON	18+	0	4	
Spotted Bass 11-13 0 3 13+ 0 4		Smallmouth Bass	11+	0	m	
13+ 0 4		Spotted Bass	11-13	0	6.0	
		- 1	+81		4	

Location	Species	Fish Size (inches)	Contaminant	Group
Wabash River Cont.				
Vigo, Sullivan and Knox Counties	Bigmouth Buffalo	21-24		Ċ
-		24+		4
	Blue Sucker	21-26		e
		26+		4
	Carpsuckers	17+		9
	Channel Cattish	13-22		m
		22+		4
	Flathead Catfish	21+		e.
	Freshwater Drum	16+		en
	Paddlefish	34+		e
	Sauger	13+		m
	Shovelnose Sturgeon	30+	h	3
	Striped/Wiper Bass	10-12		n
		12+		4
Gibson and Posey Counties	Bigmouth Buffalo	21-24		m
		24+		4
	Blue Sucker	21-26	0	ę
		26+	ם	4
	Bluegill	Up to 6		-
	Carpsuckers	17+		9
	Channel Catfish	20+		m
	Flathead Catfish	21+		51
	Freshwater Drum	16+		5
	Paddlefish	34+		5
	Sauger	13+		53
	Shovelnose Sturgeon	30+		57
	Striped/Wiper Bass	10-12		en
		12+		4
	While Bass	11-21		3
		21+		4
Wea Creek				
<b>Fippecance County</b>	ALL SPECIES	ALL		si)
West Fork of White River				
Randolph County	Carp	18-22		2
		22+		ŝ
	Channel Catfish	14-16	0	e
		16+	0	4
	Creek Chub	+8		ю
	Longear Sunfish	÷.		n
General Population	O = Mercury		s	

 General Population
 O = Mercury
 □ = PCBs

 Group 1 ≃ Unlimited meals
 Group 2 = 1 meal/week
 Group 3 = 1 meal/month

 Group 4 = 1 meal/2 months
 Group 5 = DO NOT EAT
 (For women and children, please refer to the Guidelines on page 5.)

West Fork of White River ((		a state of the sta		
Daviess County Cont.	<b>:ont.)</b> Quillback	13-18		
		18+		
	Spotted Sucker	11-13		
		13+		
	White Bass	14-15	0	
		15+	0	
White River		1	1	
Printing and a countries	cigmouth durate	*67		
	Channel Carlish	+81	-	
	Flathead Catfish	16+	0	
	Largemouth Bass	+2+	0	
	Quilitack	13-18	0	
		18.	0	
	Smallmouth Bass	12+	0	
	Smatmouth Buffalo	18-22	0	I 1
		-22+	0	
	Spotted Bass	•	0	
	Spotted Sucker	61-11	-	
		13+	0	
White Lick Creek				
Hendricks County	Channel Catfah	+22	0	
	Smallmouth Bass	14+	0	
Morgan County	Channel Catfish	22+	•	
	Smallmouth Bass	12+	0	
(Greens Fork, Martindale Cre	ek, Middle Fork, Nolands F	ork, West Fork	2	
WaynerFayette/	Black Redhorse	22+	0	
Franklin/Dearborn Counties	Carp	19-25	0	
		25+	00	
	Channel Catfish	20+	0	
	Freshwater Drum	15+	0	
	Golden Redhorse	Up to 14		
	Longear Sunfish	Up to 5		
	Northern Hogsucker	Up to 9		
	Rock Bass	Up to 7		
	Smallmouth Bass	Up to 10		
	White Sucker	( in to 10		

General Population O = Mercury □ = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children, please refer to the Guidelines on page 5.)

Moter Fork of Multe River (Contr)         Back Red Fores         15-16         1           Morgan County         Back Red Fores         15-16         1         2           Carp         16-27         1         2         1         2           Carp         16-27         1         2         1         2         2           Carp         16-27         1         2 <th>Location</th> <th>Spacies</th> <th>Fish Size (Inches)</th> <th>Contaminant</th> <th>Group</th>	Location	Spacies	Fish Size (Inches)	Contaminant	Group
Morgan County         Black Reditione         15-16         0           Carp         76-27         1         0           Carp         276-27         1         0           Carp         276-27         1         0           Charnel Carlitan         16-22         1         0           Charnel Carlitan         16-22         1         0           Charnel Carlitan         16-22         1         0           Charnel Carlitan         16-17         0         0         0           Charnel Carlitan         16-17         19-18         0         0         0           Charnel Carlitan         16-17         19-18         0         0         0         0           Charnel Carlitan         16-17         19-18         0         0	West Fork of White River	(Cont.)			
Open Contry         16+         16+         16         16           Carp         16+27         16+27         16         16           Channel Carlfish         16+27         16         16         16           Channel Carlfish         16+27         16         16         16           Channel Carlfish         27+5         16         16         16         16           Channel Carlfish         27+7         16<	Morgan County	Black Redhorse	15-76	0	т
Garp         56-27         5         5           Channel Carlish         27+         1         4           Channel Carlish         27+         1         4           Channel Carlish         27+         1         4           Channel Carlish         1+         20+         1         4           Channel Carlish         1+         20+         1         4           Channel Carlish         1+         20+         1         2         4           Channel Carlish         1+         20+         1         2         4         2			16+	0	4
27+         2+         4           Channel Carlish         16-22         1         4           Channel Carlish         16+12         1         6           Flathead Carlish         10+1030         1         6           Channel Carlish         10+1030         1         6           Usingemouth flass         10+13         1         6           Usingemouth flass         10+13         1         6           Channel Carlish         10+13         1         6         6           Channel Carlish         10+13         1         6         6           Channel Carlish         10+13         1         6         6         6           Channel Carlish         10+13         1         6		Carp	16-27	0	10
Charmed Cartish         16-22         1           Pathmed Cartish         16-32         1           Pathmed Cartish         Up to 30         1           Pathmed Cartish         13-16         1           Down County         13-16         1           Pathmed Souther         14-17         1           Spotted Bass         13-16         1           Spotted Bass         13-18         1           Spotted Bass         13+13         1         1           Spotted Bass         13+13         1         1         1           Spotted Bass         13+13         1         1         1         1           Spotted Bass         13+13         1         1         1         1         1			27+		4
22+         22+         4           Fathead Cartish         Up to 30         0         0           Fathead Cartish         Up to 30         0         0           Fathead Cartish         Up to 30         0         0           Fathead Cartish         13+10         0         0           Fathead Cartish         13+13         0         0           Fathead Sucker         13+13         0         0           Fathead Sucker         13+13         0         0           Fathead Sucker         13+13         0         0         0           Fathead Sucker         13+13         0         0         0         0           Fathead Sucker         13+13         0		Channel Catfish	16-22		[e
Flathead Cantles         Up to 30         Image: Control Intersection         Image: Control Intersection <t< td=""><td></td><td></td><td>-22+</td><td></td><td>4</td></t<>			-22+		4
Othern County         Spectraction         13-16         0		Flathead Catlish	Up to 30		4
Largemouth flass         16+         0           Outlback         13-16         0           Piver Carpucker         14-17         0           Free Karpucker         14-13         0           Free Karpucker         14-13         0         0           Free Karpucker         14-13         0         0         0           Free Karpucker         14-14         0         0         0           Free Karpucker         14-15         0         0         0           Free Karpucker         14-15         0         0         0           Mise Rouch         14-15         0         0         0         0           Mise Rouch         14-15         0         0         0         0         0           Sported Bass         14-15         0         0         0         0         0         0           Mise Bas         14+16         0			*97	0	ŝ
Owen County         13-16         1         1           Aver Carptericher         13-16         1         1           Spotted Bass         13-1         1         1         1           Spotted Bass         11-13         1         1         1         1           Spotted Bass         11-13         1         1         1         1         1           Spotted Bass         11-13         1		Largemouth Bass	16+		Ϊm
River Campaucher         18+         1         1           River Campaucher         14+17         1         0         0           Semaltmouth Bass         17+         1         0         0         0           Semaltmouth Bass         17+         1         0         0         0         0           Semaltmouth Bass         11+13         1         1         0		Quiliback	13-10	•	0
River Carpsucker         14-17         1         4           Senattmouth Bass         15-17         1         6         6           Spotted Bass         11-13         1         6         6         6           Spotted Bass         11-13         1         6         6         6         6           Spotted Bass         11-13         1         1         1         6         6         6           Spotted Bass         11-13         1         1         1         1         6			18+	0	4
Smattmouth Base         15-17         0           Spotted Base         11-13         0         0           Spotted Base         11-13         0         0           Spotted Base         11-13         0         0           Spotted Sucker         11-13         0         0           Spotted Sucker         11-13         0         0           Freshwater Drum         24+         0         0         0           Channel Catrish         15+         0         0         0         0           Spotted Sucker         15+         0         0         0         0         0           Spotted Sucker         11+13         0         0         0         0         0         0           Spotted Sucker         14+         0         0         0         0         0         0         0           Spotted Sucker         14+16         0		River Carpsucker	14-17	0	] e
The control         The control <ththe contro<="" th=""> <ththe control<="" th=""></ththe></ththe>		Smallmouth Bass	15-17		m
Spotted Bass         11-13         0           Annel County         33+         3           Spotted Sucker         13+         1           Spotted Sucker         13+         1           Spotted Sucker         13+         1           Freshwater Drum         13+         1         0           Owen County         Ereshwater Drum         15+         0         0           Channel Cartish         13+         1         0         0           Freshwater Drum         15+         0         0         0         0           Spotted Sucker         13+         1         0         0         0         0           Spotted Sucker         13+         1         1         0 </td <td></td> <td></td> <td>17+</td> <td>0</td> <td>4</td>			17+	0	4
Owen County         13+         13+         14           Spotted Sucker         13+         13+         14           Spotted Sucker         13+         14+         14         14           Freshwater Drum         13+         15+         10         15           Freshwater Drum         13+         13+         10         15         10         15           Freshwater Drum         13+         13+         13+         10         13         15         10         15           Spotted Sucker         13+         13+         13+         13         13         15         10         13           Greene County         Egenouth Butlisto         20+         14+         10         14         10         14         10         14         10         14         10         14         10         14         10         14         10         14         10         14         10         14         14         10         14         10         14         10         14         10         14         10         14         10         14         10         10         14         10         14         10         14         10         14		Spotted Bass	11-13	D	l m
Spotted Sucker         11-13         0           Owen County         13+         1 <td< td=""><td></td><td></td><td>+51</td><td>0</td><td>4</td></td<>			+51	0	4
Owen County         13+         14+         15+ <th< td=""><td></td><td>Spotted Sucker</td><td>11-13</td><td>o</td><td>Įω</td></th<>		Spotted Sucker	11-13	o	Įω
Owen County         Bigmount Buffalo         24+         0			13+	0	4
Channel Catifish         15+         0           Freshwater Drum         15+         0         0           Freshwater Drum         15+         0         0           River Carpsucker         15+         0         0           Spotted Base         11+         0         0         0           Spotted Base         11+         0         0         0           Spotted Base         11+         0         0         0           Mite Base         11+         0         0         0         0           Spotted Base         11+         0         0         0         0         0           Spotted Sucker         11+13         0         <	Owen County	Bigmouth Buffalo	24+	D	ļņ
Freshwater Drum         15+         0         0         0           Quilback         13-18         1         0		Channel Catfish	12		6
Outlibeck         13-18         0           River Carpsucker         15+         0         0           River Carpsucker         15+         0         0         0           Spotted Basis         11+         0         0         0         0           Spotted Basis         11+13         0         0         0         0         0           Spotted Sucker         11+13         0         0         0         0         0         0           Mitte Basis         11+13         0         <		Freshwater Drum	15+	0	Ιm
Item County         Item Carponology         Item 1         Item 2		Quilback	13-18	0	m
River Carpsucker         15+         0           Sauger         Up.lo. 14         0         0           Spotted Basis         14+         0         0         0           Spotted Sucker         1+13         0         0         0         0           Spotted Sucker         1+13         0         0         0         0         0           Spotted Sucker         1+15         0			18+		4
Sauger         Up to 14         0         <		River Carpsucker	15+	0	[ m
Rene Courty         R+		Sauper	Up to 14	0	] eo
Spotted Bass         11+         0         0           Spotted Sucker         11+13         0 <t< td=""><td></td><td></td><td>14+</td><td>0</td><td>4</td></t<>			14+	0	4
Spotted Sucker         11-13         0         0           Steree County         13+         0         0         0         0         0           Arren County         8gmouth Buffalo         20+         0		Spotted Bass	+11+	0	10
The Base         The Base         The Second Tetra		Spotted Sucker	11-13	0	m
Write Bass     14-15     0     3       Greene County     15+     0     4       Bigmouth Buffalo     20+     0     4       Channel Cattah     14-16     0     3       Fiber Capscucker     15+     0     3       River Capscucker     15+     0     3       River Capscucker     15+     0     3       Derives County     Bigmouth Buffalo     19+     0     3       Pathead Cattah     18+     0     3       Pathead Sucker     19+     0     3       Pathead Cattah     18+     0     3       Pathead Cattah     18+     0     3		Constant of the second s	+21	0	4
Title         Title <th< td=""><td></td><td>White Bass</td><td>14-15</td><td>0</td><td>(m</td></th<>		White Bass	14-15	0	(m
Greene County         Bigmouth Buffalo         20+         0         3           Channel Cattah         14-16         0         4         4           Channel Cattah         14-16         0         3         4           Channel Cattah         14-16         0         3         5           Pollitback         18+         0         3         3           River Carposucker         15+         0         3           Spotted Sucker         11+13         0         3           Daviess County         Bigmouth Buffalo         19+         0         3           Plathead Catfish         18+         0         3         7			15+		4
Channel Cartish         14-16         0         0           16+         16+         1         4           Ouliback         18+         0         3           River Carpsucker         15+         0         3           River Carpsucker         15+         0         3           Spotted Sucker         11+13         0         3           Derives County         Bigmouth Buffalo         19+         0         4           Derives County         Entheld         16+         0         3           Plathead Cafitsh         14+         0         3	Greene County	Bigmouth Buffalo	20+	0	[m
16+         1         4           Ouliback         18+         0         3           River Carpsucker         15+         0         3           River Carpsucker         15+         0         3           Spotted Sucker         11+13         0         3           Bigmouth Buffalo         19+         0         4           Channel Caffish         18+         0         3           Fathead Caffish         14+         0         3		Channel Cartish	14-16	0	n
Quiliback     18+     3       River Capsucker     15+     3       River Capsucker     15+     3       Spetted Sucker     11-13     3       Bigmouth Buffalo     19+     3       Channel Caffish     18+     3       Flathead Caffish     14+     3			16+	0	4
River Carpoucker     15+     1     3       Spotted Sucker     11-13     1     3       Spotted Sucker     13+     1     4       Daviess County     Bigmouth Buffalo     19+     1     3       Channel Catfish     18+     1     3       Flathead Catfish     14+     1     3		Quilback	18+	0	•
Spotted Sucker 11-13 0 3 Spotted Sucker 11-13 0 4 13+ 0 4 Bigmouth Buffalo 19+ 0 3 Flathead Caffish 14+ 0 3		River Carpsucker	15.	0	•
Daviess County Buffalo 13+ 0 4 Bigmouth Buffalo 19+ 0 3 Channel Caffish 18+ 0 3 Flathead Caffish 14+ 0 3		Spotted Sucker	61-11		•
Daviess County Bigmouth Buffalo 15+ 0 3 Channel Caffish 18+ 0 3 Flathead Caffish 14+ 0 3			13+	0	4
Channel Caffish 18+ 0 3 Flathead Catrish 14+ 0 3	Daviess County	Bigmouth Buffalo	19+	0	•
Flathead Catifsh 14+ 0 3		Channel Catfish	18+	0	-
		Flathead Catfish	14+	D	-

Location	Species	Fish Size (Inches)	Contaminant	Group
Whitewater River (West F Viewne County	fork of the East Fork) While Surfeer	tie to 7		•
Wildcat Creek	and on the second se	i au do		
Howard County (Upstream	of the Wateneorks Dam in Kol	(Omit)		
	Bluegill	Up to 6		-
	Carp	Up to 21	0	-
	Longear Sunfish	Uptios		-
	Rock Bass	Up to 6		-
Howard County (Downstre	am of the Waterworks Dam in I	Kokomo)		
	All Species	ALL		10
Carroll County	All Species	ALL	0	•
Tippecanoe County	Black Bass Species	10+		•
	Carp	ALL	0	-
	Carpsucker	12-13	0	•
	Channel Catfish	Up to 22	0	~
	Flathead Catfish	18+	0	•
	Freshwater Drum	16+	0	
	Golden Redhorse	12-14	0	•
	Longear Surfish	Upto5	0	~
	Shorthead Redhor	Se 13+	0	
	White Bass	ALL	0	*
Wilson Ditch				
Miami County	Creek Chub	Uptio 5		-
Young's Creek				
Johnson County	Northern Hogsucker	+05	0	•

General Population O = Mercury D = PCBs Group 1 = Unlimited meals Group 2 = 1 meal/work Group 3 = 1 meal/month Group 4 = 1 meal/2 months Group 5 = DO NOT EAT (For women and children, please refer to the Guidelines on page 5.)

### **EXHIBIT I-5**

### INTRODUCTION

The steps for developing a monitoring plan are:

- 1. Define the short- and long- term objectives
- 2. Decide whether to use a model
- 3. Identify data needs
- 4. Identify sampling criteria
- 5. Develop data management and analysis procedures
- 6. Address implementation issues

#### OBJECTIVES

The objectives of a monitoring plan are to:

- 1. Evaluate the effectiveness of the Nine Minimum Controls (NMC).
- 2. Define the CSS's hydraulic response to rainfall.
- 3. Determine CSO flows and pollutant concentrations/loadings.
- 4. Evaluate the impact of CSOs on receiving water quality.
- 5. Support model input, calibration, and verification.
- 6. Support the review and revision, as appropriate, of WQS.
- 7. Evaluate and select long-term CSO control alternatives.

Objective #1 will be the subject of this partial monitoring plan. The other objectives will be addressed in the CSO LTCP.

#### MODEL STRATEGY

No model will be used to evaluate the effectiveness of the NMC.

#### DATA NEEDS

The list of questions below help identify the data needs.

- Have dry weather overflows been eliminated?
- Has wet weather flow to the POTW increased?
- Has the level of rainfall needed to cause CSOs increased?

The following data is required to answer these questions.

- Rain Event Data: start time, total volume, duration, & maxima intensity
- Runoff Event Data: Date of runoff event
- Overflow Event Data: start time & duration
- WPCP Flow Data: Daily plant influent volume

#### SAMPLING CRITERIA

#### Duration

Runoff event data need to be collected every day of the year. During warmer periods rain event data can be used. During periods when freezing occurs visual inspections will have to be made. Overflow event data and WPCP flow data will also need to be collected every day of the year.

#### Location

Overflow event data will need to be collected at all regulators where significant overflows occur. Rain event data will need to be collected through out the combined sewer system (CSS) for the months April through November and from the Fort Wayne International Airport for the months of December through March. WPCP flow data will need to be collected at the headworks of the WPCP.

#### Frequency

Rain event data and overflow event data will need to be collected continuously. WPCP flow and runoff event data can be collected daily.

#### Pollutants

Only flow volume will need to be collected.

#### Data Management

Rain event data, runoff event data, and overflow event data will be collected and processed and saved by WPC Maintenance as described in the CSO Monitoring Program procedures. WPCP influent flow data will be collected by WPCP operators and recorded on their monthly reports.

#### Analysis

• Rain events will be defined as ending at the beginning of the first 6 hour dry period following its start. Overflow events for each regulator will be matched with the rain events that caused them. If an overflow event is not associated with a rain event then it will be identified as a dry weather overflow (DWO). If an overflow event continues long after the rain event ends it will be investigated to determine if it is a DWO. The number of DWOs that occurred during a year will be determined and compared to previous annual DWO totals.

- Total annual WPCP influent volume will be compared to previous annual volumes to see if it increases.
- Rain events will be defined as ending at the beginning of the first 6 hour dry period following its start. All rain data collected between April 1 and November 30 will be grouped into rain events. Overflow events for each regulator will be matched with the rain events that caused them. The smallest rain event that caused an overflow event for each regulator will be identified and compared with those identified in previous years to determine if the rain event size is increasing.
- Fort Wayne's rivers have been analyzed for a fish advisory. Mercury and PCBs are the fish tissue contaminants identified the 2004 303(d) Report lists only PCBs as a fish advisory. The proposed 2006 303(d) Report lists only PCBs as a fish tissue contaminant. The City has tested CSOs and did not find PCBs present. This concludes that fish advisories are not a result of CSOs.

### Implementation issues

All data is currently being collected and all implementation issues are described in the appropriate program's written procedures.

### **EXHIBIT I-6**

The City of Fort Wayne has 43 Combined Sewer Overflow discharge points. The flow at 33 of these points is measured with flow meters. The flow at 5 of these points is pumped into the receiving waters and measured using run time meters. Three of the sites (007, 012, & 027) are gravity discharge points that are only used when the adjacent pump station is completely down.

The durations and volumes for the 38 sites that are metered are presented on the attached spreadsheet. The spreadsheet lists the discharge points in numerical order, ranks its volume and duration relative to the other metered sites, and gives each site's total volume and duration for 2006.

	Volu	ume	Dui	ration
CSO OUTFALL NO.	Rank	Total (MG)	Rank	Total (HRS)
4	16	15.282	10	405.25
5	4	192.772	3	1074.40
7	37	0.000	37	0.00
11	12	24.305	33	57.34
12	28	4.294	36	6.07
13	7	52.626	29	70.25
14	36	0.021	30	66.50
16	37	0.000	37	0.00
17	13	23.387	27	79.25
18	1	768.937	8	678.25
19	32	1.277	34	41.75
20	6	59.329	6	795.00
21	26	5.050	31	64.00
23	21	9.424	23	98.25
24	24	7.001	35	24.75
25	25	6.282	26	80.75
26	3	246.642	4	880.00
27	37	0.000	37	0.00
28	20	11.061	24	88.53
29	30	2.841	25	81.50
32	9	39.786	13	328.00
33	2	309.327	5	857.67
36	27	4.722	28	75.25
39	19	14.267	17	221.75
44	34	0.433	22	100.50
45	35	0.184	21	107.50
48	5	130.496	7	770.71
50	15	17.680	15	239.00
51	29	2.907	32	58.00
52	23	7.863	14	326.80
53	22	8.488	1	5459.00
54	18	15.034	2	1312.20
55	11	28.812	11	402.75
56	8	40.650	12	378.04
57	37	0.000	37	0.00
58	33	1.127	18	167.75
60	17	15.080	20	135.75
61	14	21.382	16	223.50
62	10	32.888	19	144.50
64	31	2.461	9	598.00
67	37	0.000	37	0.00
68	37	0.000	37	0.00
P10-001	37	0.000	37	0.00
		2124.118		