APPENDIX D: STATUS OF CATEGORY 4 WATERS

STATUS OF CATEGORY 4 WATERS AS OF INDIANA'S 2020 INTEGRATED REPORT SUBMITTAL

In accordance with U.S. EPA guidance (U.S. EPA 2001, 2005, 2006, 2009, 2011, 2013, 2015, 2017, and 2021), Indiana's Category 4 waters are identified in Indiana's Consolidated List, which is included in Indiana's 2022 Integrated Monitoring and Assessment Report, Appendix L. Category 4 consists of impairments for which a Total Maximum Daily Load (TMDL) is not required. The subcategories of Indiana's Category 4 list are described below:

- Category 4A consists of impairments for which a TMDL has been approved by U.S. EPA and is expected to result in attainment of all applicable water quality standards (WQS).
- Category 4B consists of impairments for which other pollution control requirements are expected to result in the attainment of the WQS in a reasonable period of time.
- Category 4C consists of impairments that are not caused by a pollutant and as such, do not require a TMDL.

Categories 4 and 5 of IDEM's Consolidated List together provide the most comprehensive assessment of impairment of Indiana waters to date. With each 303(d) listing cycle, U.S. EPA requests an update on the status of Indiana's Category 4 waters to facilitate tracking of all known impairments. These impairments and their current status are discussed in the following sections.

CATEGORY 4A IMPAIRMENTS

Category 4A consists of impairments for which a TMDL has been approved by U.S. EPA and is expected to result in attainment of all applicable WQS. IDEM's progress in TMDL development since the 2020 cycle is discussed in the Notice of Comment Period for the draft 2022 303(d) list and in this appendix of the 2022 Integrated Report. This appendix provides a comprehensive update on all TMDLs approved to date and the impairments they cover.

The impairments addressed by these TMDLs can be found in the listing tables provided in Appendix L. Table 1 provides a list of all TMDLs approved to date and a key for their corresponding impairments in Appendix L which also identifies any changes made as a result of reindexing to the assessment units previously listed in Category 4A. This information appears in the columns with updated assessment unit IDs (AUIDs) and names where applicable.

Table 1: TMDLs approved as of IDEM's submittal of its 2020 Integrated Report.

| TMDL Key | IR Cycle | Approval Date | TMDL Document Title | | | |
|-------------|-------------|------------------|---|--|--|--|
| 1 | 2002 | 3/5/2001 | Dissolved Oxygen and Ammonia TMDL Development for Kokomo Creek, Indiana: Final | | | |
| 2 | 2006 | 3/1/2004 | Trail Creek Escherichia Coli TMDL Report | | | |
| 3 | 2006 | 3/31/2004 | Fall Creek TMDL Study | | | |
| 4 | 2006 | 3/31/2004 | Pleasant Run and Bean Creek TMDL Study | | | |
| 5 | 2006 | 3/31/2004 | White River TMDL Study | | | |
| 6 | 2006 | 4/9/2004 | West Fork White River, Muncie to Hamilton-Marion County Line TMDL for <i>E. coli</i> Bacteria: TMDL Report | | | |
| 7 | 2006 | 7/21/2004 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) for the St. Joseph River, Elkhart and St. Joseph Counties | | | |
| 8 | 2006 | 9/1/2004 | Lake Michigan Shoreline TMDL for <i>E. coli</i> Bacteria | | | |
| 9 | 2006 | 9/27/2004 | Salt Creek <i>E. coli</i> TMDL | | | |
| 10 | 2006 | 12/13/2004 | Total Maximum Daily Load (TMDL) for <i>Escherichia coli</i> (<i>E. coli</i>) for the Prairie C Watershed, Daviess County | | | |
| 11 | 2006 | 1/28/2005 | Little Calumet and Portage Burns Waterway TMDL for <i>E. coli</i> Bacteria | | | |
| 12 | 2006 | 3/28/2005 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) for the Lower Eel River Watershed Clay, Owen, Greene, Vigo, and Sullivan Counties | | | |
| 13 | 2006 | 3/31/2005 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) For the Upper Mill Creek Watershed, Hendricks, Putnam, Morgan, and Owen Counties | | | |
| 14 | 2006 | 4/5/2005 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) for the Kessinger Ditch Watershed, Knox County | | | |
| 15 | 2006 | 4/29/2005 | Total Maximum Daily Load (TMDL) for <i>Escherichia coli</i> (<i>E. coli</i>) for the First Creek Watershed, Martin, Daviess, and Greene Counties | | | |
| 16 | 2006 | 7/19/2005 | Total Maximum Daily Load for <i>Escherichia coli (E. coli)</i> for the Indian Creek Watershed, Morgan and Johnson County | | | |
| 17 | 2006 | 7/21/2005 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) for the Middle West Fork White River Watershed, Morgan, Owen, and Greene Counties | | | |
| 18 | 2006 | 9/22/2005 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) for the Flatrock-Haw Creek Watershed in Henry, Fayette, Rush, Decatur, Shelby, and Bartholomew Counties | | | |
| 19 | 2006 | 3/1/2006 | Total Maximum Daily Load for <i>Escherichia coli</i> (<i>E. coli</i>) for the Lambs Creek Watershed, Morgan County | | | |
| 20 | 2008 | 4/2/2006 | Total Maximum Daily Load for <i>Escherichia coli (E. coli)</i> for the Beanblossom Creek Watershed, Brown and Monroe Counties | | | |

| TMDL Key | IR Cycle | Approval Date | TMDL Document Title | | | | | |
|-------------|-------------|------------------|---|--|--|--|--|--|
| 21 | 2008 | 6/8/2006 | Total Maximum Daily Load for <i>Escherichia coli (E. coli)</i> For the Plummer Creek Watershed, Greene County | | | | | |
| 22 | 2008 | 7/31/2006 | Total Maximum Daily Load for <i>E. coli</i> Impairment Big Blue River Watershed, Henry and Rush Counties | | | | | |
| 23 | 2008 | 8/3/2006 | Total Maximum Daily Load for Escherichia coli (E. coli) for the Richland Creek Watershed, Greene, Monroe, and Owen Counties | | | | | |
| 24 | 2008 | 8/21/2006 | Total Maximum Daily Load for <i>E. coli</i> Impairment St. Marys River Watershed and Maumee River, Adams and Allen Counties | | | | | |
| 25 | 2008 | 9/22/2006 | Total Maximum Daily Load for Impaired Biotic Communities and Nutrients for the Blue Creek/Habegger Ditch and Yellow Creek Watersheds, Adams County | | | | | |
| 26 | 2008 | 9/22/2006 | Wabash River Nutrient and Pathogen TMDL Development: Public Review Draft | | | | | |
| 27 | 2008 | 5/14/2007 | Total Maximum Daily Load for Escherichia coli (E. coli) for the Sugar Creek Watershed, Hancock, Henry, Johnson, Madison, and Shelby Counties | | | | | |
| 28 | 2008 | 7/16/2007 | Limberlost Creek Watershed Sediment and Nutrient TMDL Development: Public Review Draft | | | | | |
| 29 | 2008 | 7/26/2007 | Total Maximum Daily Load for Escherichia coli (E. coli) for the East Fork Whitewa River Watershed, Wayne, Union, Fayette, and Franklin Counties | | | | | |
| 30 | 2008 | 8/16/2007 | Total Maximum Daily Load for Escherichia coli (E. coli) West Fork White River (WFWR) Owen County Tributary Watershed - Owen, Greene, and Monroe Counties | | | | | |
| 31 | 2010 | 4/23/2008 | Duck Creek, Pipe Creek, Killbuck Creek, and Stony Creek TMDLs for E. coli Bacteria: Final TMDL Report | | | | | |
| 32 | 2010 | 7/31/2008 | South Fork Wildcat Creek Watershed Pathogen, Sediment, and Nutrient TMDL Development | | | | | |
| 33 | 2012 | 4/2/2009 | Final Total Maximum Daily Load for Escherichia coli (E. coli) For the West Fork Whitewater Watershed, Randolph, Wayne, Fayette, Henry, and Franklin Counties | | | | | |
| 34 | 2010 | 9/29/2009 | Total Maximum Daily Load Report for the Kankakee/Iroquois Watershed: Final | | | | | |
| 35 | 2012 | 9/24/2010 | Total Maximum Daily Load for Escherichia coli (E. coli) for the Upper Wildcat Creek Watershed, Howard, Tipton, Grant, and Madison Counties | | | | | |
| 36 | 2012 | 9/24/2010 | Total Maximum Daily Load for Escherichia coli (E. coli) for the Middle Fork Wildcat Creek Watershed, Clinton, Carroll, Tippecanoe, and Howard Counties | | | | | |
| 37 | 2012 | 9/24/2010 | Total Maximum Daily Load for Escherichia coli (E. coli) for the Lower Wildcat Creek Watershed, Carroll, Clinton, Howard, Tippecanoe, and Tipton Counties | | | | | |
| 38 | 2012 | 9/20/2010 | Total Maximum Daily Load for Escherichia coli (E. coli) for the Galena River Watershed, La Porte and St. Joseph Counties | | | | | |

| TMDL Key | IR Cycle | Approval Date | TMDL Document Title | | | | | | |
|-------------|-------------|------------------|--|--|--|--|--|--|--|
| 39 | 2012 | 9/7/2011 | Total Maximum Daily Load for Escherichia coli (E. coli) in the Highland-Pigeon Creek Watershed and Total Phosphorous for Hurricane Creek, Gibson, Pike, Vanderburgh, Posey, and Warrick Counties | | | | | | |
| 40 | 2012 | 9/30/2011 | Total Maximum Daily Load for Escherichia coli (E. coli) in the Cicero Creek Watershed, Hamilton, Tipton, Boone and Clinton Counties | | | | | | |
| 41 | 2012 | 9/20/2011 | Total Maximum Daily Load for Escherichia coli (E. coli) in the Upper White River Headwaters Watershed in Randolph, Delaware, and Henry Counties | | | | | | |
| 42 | 2012 | 9/7/2012 | Total Maximum Daily Load for Escherichia coli (E. coli) and Impaired Biotic Communities (IBC) in the Salt Creek Watershed in Porter County | | | | | | |
| 43 | 2014 | 9/20/2012 | Pigeon River Watershed Total Maximum Daily Load Study for E. Coli and Impaired Biotic Community (IBC) | | | | | | |
| 44 | 2014 | 9/20/2013 | Escherichia coli and Impaired Biotic Community Total Maximum Daily Load Report for the Big Raccoon Creek Watershed | | | | | | |
| 45 | 2014 | 9/20/2013 | Escherichia coli (E. coli) Total Maximum Daily Load Report for the Otter Creek Watershed | | | | | | |
| 46 | 2016 | 7/14/2014 | Escherichia coli (E. coli) Total Maximum Daily Load Report for the Lower Big Blue River Watershed | | | | | | |
| 47 | 2016 | 9/26/2014 | Total Maximum Daily Load Report for the Deep River-Portage Burns Watershed | | | | | | |
| 48 | 2016 | 9/30/2015 | Total Maximum Daily Load for the Southern Whitewater River Watershed | | | | | | |
| 49 | 2018 | 2/24/2017 | Total Maximum Daily Load Report for the Upper Mississinewa River Watershed | | | | | | |
| 50 | 2018 | 9/15/2017 | Total Maximum Daily Load Report for the South Fork Blue River Watershed | | | | | | |
| 51 | 2018 | 10/26/2017 | St. Joseph River Watershed Indiana TMDLs | | | | | | |
| 52 | 2020 | 9/10/2018 | Total Maximum Daily Load Report for the Lower Salt Creek Watershed | | | | | | |
| 53 | 2020 | 12/19/2019 | Total Maximum Daily Load Report for the Lower East Fork White River Watershed | | | | | | |
| 54 | 2022 | 9/2/2020 | Total Maximum Daily Load Report for the Laughery Creek Watershed | | | | | | |
| 55 | 2022 | 9/12/2021 | Total Maximum Daily Load Report for the Maria Creek Watershed | | | | | | |

CATEGORY 4B IMPAIRMENTS

Category 4B consists of impairments for which other pollution control requirements are expected to result in the attainment of the WQS in a reasonable period of time. As of 2022, IDEM's Category 4B list contains a total of thirteen (13) impairments. However, there were some revisions made to the AUIDs assessed as impaired to correctly reflect IDEM's finalized Reach Index.

IDEM originally placed the impairments identified in Table 2 in Category 4B in 2002 based on evidence that the electric generating facilities discharging to these waters were responsible for the thermal impairments identified. The facilities in question have NPDES permits for with thermal discharge limits based on site-specific standards and have contested this decision based on annual reports they had submitted indicating no detrimental effects from their discharges. As a result of this apparently contradictory information, IDEM determined that that additional study was needed to determine whether the monitoring and reporting requirements under section 316(a) were sufficient to ensure a well-balanced aquatic community of waters outside the mixing zone.

Through an Interagency Agreement with IDEM, the U.S. Fish and Wildlife Service developed a report entitled, "Evaluation and Assessment of Fish Assemblages Near Electric Generating Facilities: with Emphasis on Review of Discharge Submitted Data, Development of the Standard Operation Procedures, and Traveling Zone Assessment." The objectives of this study were:

- To evaluate the information submitted by the thermal discharge permittees for compliance with 316(a) requirements;
- To develop standard methods that would provide industrial contractors specific protocols for use in meeting permit monitoring requirements for their heated effluents;
- To conduct traveling zone studies of discharge relationships from selected thermal generating facilities, including specifically two of the three facilities to which the above impairments were attributed.

IDEM reviewed the results of this study and determined that additional monitoring and reporting requirements were necessary under Section 316(a) of the Clean Water Act (CWA) and Indiana Administrative Code 327 IAC 5-7 to ensure a well-balanced aquatic community of waters outside the mixing zone. In 2006 and 2007, IDEM renewed permits for most electric generating facilities, which included additional conditions that require the permittees to submit a new 316(a) demonstration/variance request with the renewal application for their next NPDES permit cycle. In order to be granted a 316(a) variance, these facilities must include a site-specific biological study plan in their request that demonstrates that the variance will not result in biological impairment outside the mixing zone.

IDEM recently developed a guidance for permittees requesting a 316(a) thermal limits variance in their NPDES permit: "Guidance for Conducting a Demonstration as a Requirement of a 316(a) Alternative Thermal Effluent Limitation Request". This document contains the guidance necessary for completing an application for alternative thermal effluent limitations, a Type I, II, or III Demonstration, and sampling and monitoring consistent with associated

standard operating procedures. A demonstration for alternative thermal effluent limitations, in accordance with section 316(a) of the CWA and 327 IAC 5-7, should provide IDEM with adequate information to establish alternative thermal effluent limitations that will ensure the protection and propagation of a Balanced, Indigenous Community (BIC) in and on the waters into which a thermal discharge is made. IDEM's guidance document is currently under internal (IDEM/U.S. EPA) review. In the meantime, until IDEM begins full implementation of its approach to issuing 316(a) thermal variances, when NPDES permits with existing 316(a) thermal variances come up for renewal, IDEM is adding year round alternative thermal limits (if they do not already exist) to the permit until a complete revised 316(a) application can be submitted and evaluated.

With regard specifically to Turtle Creek Reservoir, IDEM did not renew the 316(a) thermal variance the Hoosier Energy – Merom Generating Station NPDES Permit at the time the permit was up for renewal (December 22, 2010). The facility was instead given a three-year schedule of compliance to meet the thermal water quality standards found in rule but were unsuccessful. The facility entered into an Agreed Order that was adopted on December 30, 2013. The Agreed Order requires the facility to submit a 316(a) study plan for review and comment in the spring of 2014. On January 21, 2020, Hoosier Energy announced its intention to close the plant in 2023 as part of its new 20-year resource plan. IDEM anticipates that this closure will result in significant improvement in thermal conditions in the reservoir.

Table 3 identifies Category 4B impairments attributed to other sources. These waters were placed on in Category 4B in 2004. The identified impairments were attributed to the Picnic Wood Wastewater Treatment Plant, owned by LMH Utilities Corporation and are presently being addressed through IDEM's NPDES program. LMH Utilities Corporation completed upgrades to its facility in late 2007.

The plant continues to have sporadic compliance issues including effluent violations for ammonia in 2015 and a sanitary sewer overflow at the main lift station in 2018 as well as ongoing operational issues. These impairments will remain in Category 4B through the 2022 303(d) listing cycle to allow time for IDEM to conduct the follow-up monitoring necessary to determine if the current biological condition of these waters.

Table 2: Category 4B impairments attributed to electrical generating facility discharges.

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER |
|-----------------|-------------------------|------------------|-------------------------|---------------------------|-------------------------|
| LOWER WABASH | 51201081602 | Parke/Vermillion | INB08G2_04 | WABASH RIVER | TEMPERATURE |
| LOWER WABASH | 51201081603 | Parke/Vermillion | INB08G3_03 | WABASH RIVER | TEMPERATURE |
| LOWER WABASH | 51201110604 | Vigo | INB1164_04 | WABASH RIVER | TEMPERATURE |
| LOWER WABASH | 51201110605 | Vigo | INB1165_04 | WABASH RIVER | TEMPERATURE |
| LOWER WABASH | 51201110605 | Vigo | INB1165_05 | WABASH RIVER | TEMPERATURE |
| LOWER WABASH | 51201111601 | Sullivan | INB11P1028_00 | TURTLE CREEK RESERVOIR | BIOLOGICAL INTEGRITY |
| LOWER WABASH | 51201111601 | Sullivan | INB11P1028_00 | TURTLE CREEK RESERVOIR | TEMPERATURE |

Table 3: Category 4B impairments attributed to Picnic Woods Wastewater Treatment Plant, owned by LMH Utilities Corporation.

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER |
|---------------------|-------------------------|----------|-------------------------|-------------------------|-------------------------|
| OHIO TRIBUTARIES | 50902030304 | Dearborn | INV0334_T1005 | TURKEY FORK | BIOLOGICAL INTEGRITY |
| OHIO TRIBUTARIES | 50902030304 | Dearborn | INV0334_T1005 | TURKEY FORK | CHLORIDE |
| OHIO TRIBUTARIES | 50902030304 | Dearborn | INV0334_T1011 | TURKEY FORK | BIOLOGICAL INTEGRITY |
| OHIO TRIBUTARIES | 50902030304 | Dearborn | INV0334_T1011 | TURKEY FORK | CHLORIDE |
| OHIO TRIBUTARIES | 50902030304 | Dearborn | INV0334_T1012 | TURKEY FORK | BIOLOGICAL INTEGRITY |
| OHIO TRIBUTARIES | 50902030304 | Dearborn | INV0334_T1012 | TURKEY FORK | CHLORIDE |

CATEGORY 4C IMPAIRMENTS

To date, Category 4C consists of fifty-two (52) impairments that are not caused by a pollutant and as such, do not require a TMDL. These are impairments resulting from stressors for which a load cannot be calculated. Category 4C impairments and their sources are shown in Table 4. Although a TMDL is not required for these impairments, IDEM may conduct additional monitoring on these waters through its rotating basin monitoring schedule. These changes were made to 4 correctly reflects IDEM finalized Reach Index and can be found in the Category 4 change file in Appendix L.

Table 4: Indiana's Category 4C impairments.

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER | POLLUTION SOURCE |
|---------------------|-------------------------|----------------------|-------------------------|---|-------------------------|--|
| UPPER WABASH | 51201010703 | Wells | INB0173_03 | ROCK CREEK | BIOLOGICAL INTEGRITY | HABITAT MODIFICATON- OTHER THAN HYDROMODIFICATION |
| UPPER WABASH | 51201010704 | Huntington/ Wells | INB0174_01 | ROCK CREEK | BIOLOGICAL INTEGRITY | HABITAT MODIFICATON- OTHER THAN HYDROMODIFICATION |
| UPPER WABASH | 51201030507 | Grant | INB0357_T1003 | LITTLE CREEK | BIOLOGICAL INTEGRITY | CHANNELIZATION and HABITAT MODIFICATON- OTHER THAN HYDROMODIFICATION |
| UPPER WABASH | 51201070102 | Tipton | INB0712_02 | BROAD CREEK | BIOLOGICAL INTEGRITY | CHANNELIZATION |
| OHIO TRIBUTARIES | 51402010908 | Spencer | INE0198_T1044 | LITTLE PIGEON CREEK, EAST FORK- UNNAMED TRIBUTARY | | DAM OR IMPOUNDMENT |
| UPPER ILLINOIS | 71200010402 | LaPorte | INK0142_T1001 | KINGSBURY CREEK- UNNAMED TRIBUTARY | BIOLOGICAL INTEGRITY | CHANNELIZATION |
| OHIO TRIBUTARIES | 51401010206 | Switzerland | INN0126_T1006 | DRY FORK | BIOLOGICAL INTEGRITY | NATURAL SOURCES |
| PATOKA RIVER | 51202090201 | Dubois | INP0921_T1021 | HALL CREEK - UNNAMED TRIBUTARY | BIOLOGICAL INTEGRITY | CHANNELIZATION |
| PATOKA RIVER | 51202090301 | Spencer | INP0931_02 | HUNLEY CREEK | BIOLOGICAL INTEGRITY | CHANNELIZATION and HABITAT MODIFICATON- OTHER THAN HYDROMODIFICATION |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_03 | LITTLE SALT CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER | POLLUTION SOURCE |
|--------------------|-------------------------|---------------------|-------------------------|---|-------------------------|---|
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_04 | LITTLE SALT CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_05 | LITTLE SALT CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_06 | LITTLE SALT CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202080805 | Lawrence/ Monroe | INW0885_T1001 | LITTLE SALT CREEK- UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_T1005 | BREWER BRANCH | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202081103 | Martin | INW08B3_03 | BOGGS CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| GREAT LAKES | 41000030701 | DeKalb/ Noble | INA0371_01 | DIEHL DITCH | BIOLOGICAL INTEGRITY | HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION |
| GREAT LAKES | 41000030701 | DeKalb | INA0371_02 | DIEHL DITCH | BIOLOGICAL INTEGRITY | HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION and LOSS OF RIPARIAN HABITAT |
| GREAT LAKES | 41000030701 | Noble | INA0371_T1002 | DIEHL DITCH - UNNAMED TRIBUTARY | BIOLOGICAL INTEGRITY | HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION and LOSS OF RIPARIAN HABITAT |
| GREAT LAKES | 41000030701 | DeKalb/ Noble | INA0371_T1003 | DIEHL DITCH - UNNAMED TRIBUTARY | BIOLOGICAL INTEGRITY | HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION and LOSS OF RIPARIAN HABITAT |

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER | POLLUTION SOURCE |
|---------------------|-------------------------|-------------------|-------------------------|--|-------------------------|---------------------------------------|
| UPPER WABASH | 51201070102 | Tipton | INB0712_02 | BROAD CREEK | BIOLOGICAL INTEGRITY | CHANNELIZATION and NATURAL SOURCES |
| UPPER WABASH | 51201070102 | Tipton | INB0712_T1001 | NORTH CREEK | HABITAT ALTERATIONS | CHANNELIZATION |
| UPPER WABASH | 51201070102 | Tipton | INB0712_T1002 | BROAD CREEK - UNNAMED TRIBUTARY | HABITAT ALTERATIONS | CHANNELIZATION |
| LOWER WABASH | 51201111801 | Knox/ Sullivan | INB11I1_T1004 | MARIA CREEK - UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |
| LOWER WABASH | 51201111801 | Knox/ Sullivan | INB11I1_T1005 | MARIA CREEK - UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |
| | | | INB11I2_T1002 | MARIA CREEK - UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |
| | | | INB11I3_02 | MARSH CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| OHIO TRIBUTARIES | 51402010908 | Spencer | INE0198_T1044 | LITTLE PIGEON CREEK, EAST FORK - UNNAMED TRIBUTARY | | DAM OR IMPOUNDMENT and SOURCE UNKNOWN |
| UPPER ILLINOIS | 71200010308 | Marshall | INK0138_02 | DAUSMAN DITCH | HABITAT ALTERATIONS | CHANNELIZATION |
| UPPER ILLINOIS | 71200010308 | Marshall | INK0138_T1003 | BROCK DITCH | BIOLOGICAL INTEGRITY | CHANNELIZATION |
| UPPER ILLINOIS | 71200010308 | Marshall | INK0138_T1004 | BORDER DITCH | HABITAT ALTERATIONS | CHANNELIZATION |

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER | POLLUTION SOURCE |
|---------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------|
| UPPER ILLINOIS | 71200010308 | Marshall | INK0138_T1005 | PORTER DITCH | BIOLOGICAL INTEGRITY | CHANNELIZATION |
| UPPER ILLINOIS | 71200010308 | Marshall | INK0138_T1006 | UNSICKER-CRAIG DITCH | HABITAT ALTERATIONS | CHANNELIZATION |
| UPPER ILLINOIS | 71200010402 | LaPorte | INK0142_02 | KINGSBURY CREEK | BIOLOGICAL INTEGRITY | SOURCE UNKNOWN |
| UPPER ILLINOIS | 71200010402 | LaPorte | INK0142_03 | KINGSBURY CREEK | BIOLOGICAL INTEGRITY | SOURCE UNKNOWN |
| UPPER ILLINOIS | 71200010402 | LaPorte | INK0142_04 | KINGSBURY CREEK | BIOLOGICAL INTEGRITY | SOURCE UNKNOWN |
| UPPER ILLINOIS | 71200010402 | LaPorte | INK0224_04 | CARPENTER CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| UPPER ILLINOIS | 71200010402 | LaPorte | INK0224_T1003 | CARPENTER CREEK | DISSOLVED OXYGEN | NATURAL SOURCES |
| OHIO TRIBUTARIES | 51401010206 | Jefferson/ Switzerland | INN0126_T1007 | DRY FORK | BIOLOGICAL INTEGRITY | NATURAL SOURCES |
| OHIO TRIBUTARIES | 51401010206 | Jefferson/ Switzerland | INN0126_T1008 | DRY FORK | BIOLOGICAL INTEGRITY | NATURAL SOURCES |
| OHIO TRIBUTARIES | 51401010206 | Jefferson/ Switzerland | INN0126_T1009 | DRY FORK | BIOLOGICAL INTEGRITY | NATURAL SOURCES |
| OHIO TRIBUTARIES | 51401010206 | Jefferson/ Switzerland | INN0126_T1009A | NEW NORTH LAKE INLET | BIOLOGICAL INTEGRITY | NATURAL SOURCES |

| BASIN | HYDROLOGIC UNIT CODE | COUNTY | ASSESSMENT UNIT AUID | ASSESSMENT UNIT NAME | PARAMETER | POLLUTION SOURCE |
|---------------------|-------------------------|-----------------|-------------------------|--|-----------------------------|--------------------------|
| OHIO TRIBUTARIES | 51401010801 | Clark | INN0181_01 | MILLER FORK | BIOLOGICAL INTEGRITY | SOURCE UNKNOWN |
| PATOKA RIVER | 51202090405 | Dubois | INP0945_T1005 | ELL CREEK - UNNAMED TRIBUTARY | HABITAT ALTERATIONS | CHANNELIZATION |
| PATOKA RIVER | 51202090405 | Dubois | INP0945_T1007 | ELL CREEK - UNNAMED TRIBUTARY | HABITAT ALTERATIONS | CHANNELIZATION |
| PATOKA RIVER | 51202090503 | Dubois/ Pike | INP0953_T1006 | LITTLE FLAT CREEK | HABITAT ALTERATIONS | LOSS OF RIPARIAN HABITAT |
| PATOKA RIVER | 51202090503 | Dubois/ Pike | INP0953_T1006 | LITTLE FLAT CREEK | SEDIMENTATIO N/SILTATION | LOSS OF RIPARIAN HABITAT |
| PATOKA RIVER | 51202090503 | Dubois/ Pike | INP0953_T1007 | LITTLE FLAT CREEK | HABITAT ALTERATIONS | LOSS OF RIPARIAN HABITAT |
| PATOKA RIVER | 51202090503 | Dubois/ Pike | INP0953_T1007 | LITTLE FLAT CREEK | SEDIMENTATIO N/SILTATION | LOSS OF RIPARIAN HABITAT |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_T1003 | LITTLE SALT CREEK - UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_T1004 | LITTLE SALT CREEK - UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |
| EAST FORK WHITE | 51202080805 | Lawrence | INW0885_T1006 | LITTLE SALT CREEK - UNNAMED TRIBUTARY | DISSOLVED OXYGEN | NATURAL SOURCES |

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