

Indiana Department of Natural Resources  
Indiana Stream and Wetland Mitigation Program  
Calendar Year 2019 Annual Report

Prepared in Accordance with the approved Final Instrument  
US Army Corps of Engineers I.D. Number LRL-2014-100-lcl

February 2020



Division of Land Acquisition

<http://on.in.gov/inswmp>

## **Table of Contents**

Introduction.....	1
Purpose of an In-Lieu Fee Program.....	1
Annual Program Summary.....	2
IN SWMP Staffing and Organizational Structure.....	3
Credits, Pricing and Status.....	5
Program Financial Status.....	12
Administrative Fund.....	12
Service Area Funds (Jurisdictional, WOTUS and State Isolated Wetlands).....	13
Reserve Fund and Interest.....	14
Project Planning Activities.....	15

## **Appendix A – IN SWMP Credit Sales Ledger**

## **Appendix B – Indiana Natural Resources Foundation IN SWMP CY19 Financial Report**

## **Appendix C - IN SWMP List of Project Sites for Screening and Potential Investigation**

### **List of Tables**

Table 1. Program Credit Sales and Revenue for CY 18 and CY19.....	2
Table 2. Total number of permitted projects in which ILF credits purchased for CY19.....	2
Table 3. Stream and Wetland credit pricing per service area for CY19.....	5
Table 4. CY19 Stream Credits.....	6
Table 5. CY19 Wetland Credits.....	7
Table 6. Cumulative permitted stream impact quantities by stream type (ILF only).....	7
Table 7. Cumulative permitted wetland impact quantities by jurisdiction & type (ILF only).....	8
Table 8. All income for CY19.....	12
Table 9. Administrative Fund details for CY19.....	13
Table 10. Service Area Fund details for CY19.....	14
Table 11. Service Area Funds transferred to DNR dedicated fund for CY19.....	14
Table 12. Reserve Fund details for CY19.....	15

### **List of Figures**

Figure 1. IN SWMP Organizational Chart.....	3
Figure 2. Current IN SWMP Staff and Service Areas Map.....	4
Figure 3. Percentage of the Number of Projects by Jurisdiction.....	8
Figure 4. Aquatic resource type(s) impacted per permitted project.....	9
Figure 5. Number of authorized permits by IN SWMP CPF threat category (ILF only).....	10
Figure 6. Location and IN SWMP CPF threat category of permitted impacts (ILF only).....	11

## **Introduction**

This report provides information on the Indiana Stream and Wetland Mitigation Program (IN SWMP), an In-Lieu Fee (ILF) program sponsored by the Indiana Department of Natural Resources (DNR), for calendar year 2019 (CY19) as required by the 2008 federal mitigation rule (specifically 33 CFR §332.8(i)(3) & (q)(1)), and the DNR's approved IN SWMP Instrument. The Instrument was approved by the U.S. Army Corps of Engineers (USACE) Louisville, Detroit and Chicago Districts and the Interagency Review Team (IRT) on May 3, 2018, officially authorizing the DNR to sell mitigation credits for stream and wetland impacts authorized by permits issued by USACE and the Indiana Department of Environmental Management (IDEM). This is DNR's second annual report since receiving program approval.

The Instrument defines roles and responsibilities of the USACE, DNR, and an Interagency Review Team (IRT) composed of USACE Louisville, Detroit, and Chicago Districts within Indiana, the U.S. Environmental Protection Agency (USEPA), IDEM, U.S. Fish and Wildlife Service (USFWS), and the U.S. Department of Agriculture's Natural Resource Conservation Service (NRCS).

The Indiana Natural Resources Foundation (INRF) is serving as the DNR's fiscal agent for IN SWMP. The INRF is a quasi-governmental organization supporting the DNR as its official non-profit partner. The INRF and DNR have a memorandum of understanding (MOU) outlining roles and responsibilities for the management of the IN SWMP account and the funds within the account and any sub-accounts. The NRF currently receives 2 percent of each credit sale as their administrative fee for the management of the IN SWMP funds. Information about the Indiana Natural Resources Foundation can be found at <https://www.indiananrf.org/>.

## **Purpose of an In-Lieu Fee Program**

The DNR's IN SWMP was developed in accordance with 33 C.F.R. 332.8. The approved Instrument allows the DNR to sell stream and wetland mitigation credits to permittees that can be used for compensatory mitigation for unavoidable impacts to waters of the United States and isolated wetlands in the State of Indiana. Permits are required by USACE in accordance with Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) for work in or affecting traditionally navigable "waters of the United States" (WOTUS), Section 404 of the Clean Water Act (CWA) (33 U.S.C. §1251 et seq.) for the discharge of dredged and/or fill material into WOTUS, and by IDEM under Section 401 Water Quality Certification of the CWA and state isolated wetland impacts under the Indiana Isolated Wetlands law (Indiana Code 13-18-22).

An ILF program provides one option for mitigating unavoidable impacts to waters of the U.S. and/or waters of the state regulated by USACE and/or IDEM. This involves purchase of credits (or payment of a fee) to an entity approved by USACE to conduct the mitigation in-lieu of performing the mitigation themselves (permittee-responsible mitigation). This additional method of mitigation is termed "in-lieu fee mitigation". An ILF program involves restoration, establishment, enhancement and/or preservation of aquatic resources after impacts have occurred on the landscape. Therefore, an ILF program sells "advanced credits" to permittees who purchase these credits in lieu of performing permittee responsible mitigation because the credits

are purchased in advance of the program sponsor building mitigation projects on the landscape. The legal obligation to provide the compensatory mitigation required by the authorized permits is then transferred to the sponsor of the ILF program upon receipt of funds for credits sold to permittees for stream and/or wetland mitigation in a service area.

**Annual Program Summary**

As of the end of CY19, stream and/or wetland credits have been sold in ten (10) of the eleven (11) Service Areas (SA). The Maumee SA is the only SA that has had zero (0) credit sales through the end of CY19. Credit sale letters from DNR along with receipts from the INRF have been provided to permittees, regulatory project managers, USACE IRT members and USACE Regulatory In-lieu fee and Bank Information Tracking System (RIBITS) administrators upon the completion of each credit sale. A credit sale ledger has been provided to the USACE Louisville, Detroit and Chicago Districts and to IDEM on a monthly basis. **Table 1** below shows a summary of credit sales for stream and wetland credits and total revenue for CY18 and CY19.

<b>Year</b>	<b>Total Advanced Wetland Credit Sales</b>	<b>Total Advanced Stream Credit Sales</b>	<b>Total Credit Revenue</b>
<b>2018</b>	15.69	1,159	\$1,818,060.00
<b>2019</b>	51.44	7,131	\$7,299,830.00
<b>Total</b>	67.13	8,290	\$9,117,890.00

**Table 1.** Program Credit Sales and Revenue for CY 18 and CY19

In general, implementation of IN SWMP mitigation projects will occur after sufficient funds are available in a service area to undertake a project. Unless the Corps determines more time is needed to plan and implement an IN SWMP project (33 CFR §332.8(n)(4)), all advanced credits sold within a calendar year in each respective service area will accumulate, and the delivery of permanent protection and initial physical and/or biological improvements for the sum of those credit sales shall be due three (3) years from the end of the given calendar year.

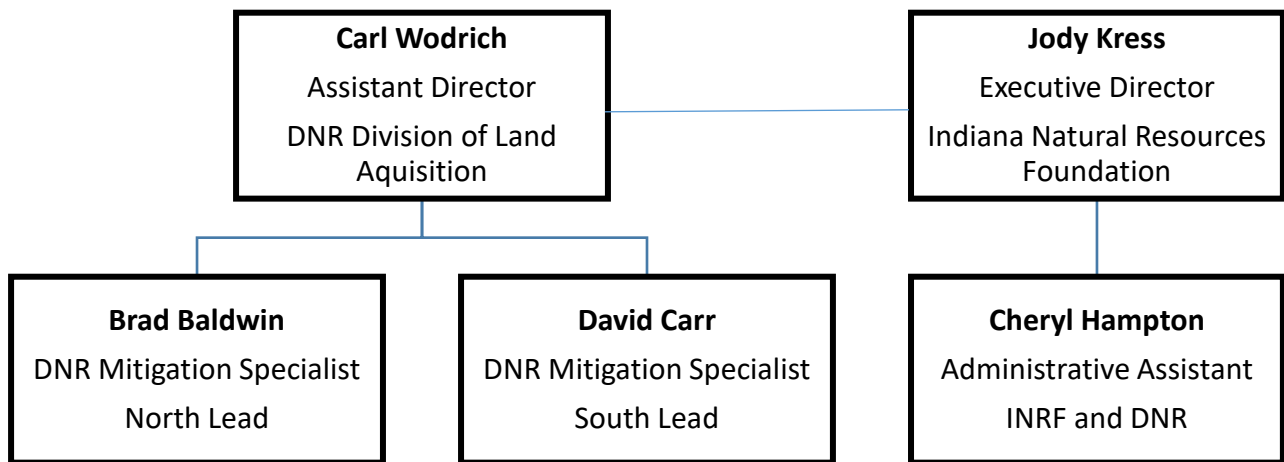
**Table 2** below shows the distribution of permitted projects in which the permittee purchased IN SWMP mitigation credits in CY19 by each of the three USACE Districts in Indiana. **Table 3** also shows the number of permits authorized by IDEM where there were only impacts to state isolated wetlands with no jurisdictional waters of the U.S. were impacted.

<b>USACE Districts and State Isolated Wetland Only</b>	<b>Number of Projects</b>
Louisville District	23
Detroit District	5
Chicago District	6
Isolated Only*	9
<b>Total Projects purchasing ILF credits in CY19</b>	<b>43</b>

**Table 2.** Total number of projects in which ILF credits were purchased in CY19 per Corps District or State Isolated Wetland jurisdiction.

**IN SWMP Staffing and Organizational Structure**

**Figure 1** below shows the organizational structure of DNR and INRF IN SWMP team. **Figure 2** shows the Indiana ILF program service areas and the DNR IN SWMP staff coverage for the state.



**Figure 1.** IN SWMP Organizational Chart.

# Indiana Stream and Wetland Mitigation Program (IN SWMP)

<https://on.in.gov/inswmp>

[INSWMP-Inquiry@dnr.in.gov](mailto:INSWMP-Inquiry@dnr.in.gov)

## IN SWMP Staff

**Carl Wodrich**  
 Assistant Director  
 Division of Land Acquisition  
 317-232-1291  
[cwodrich@dnr.in.gov](mailto:cwodrich@dnr.in.gov)

**Calumet-Dunes Service Area** 

**Brad Baldwin**  
 Mitigation Specialist  
 317-234-9702  
[bbaldwin@dnr.in.gov](mailto:bbaldwin@dnr.in.gov)

**North** 

**David Carr**  
 Mitigation Specialist  
 317-234-9703  
[dcarr@dnr.in.gov](mailto:dcarr@dnr.in.gov)

**South** 

## IN SWMP Service Areas

- Calumet-Dunes
- St. Joseph River
- Maumee
- Kankakee
- Upper Wabash
- Middle Wabash
- Upper White
- Whitewater-East Fork White
- Lower White
- Upper Ohio
- Ohio-Wabash Lowlands

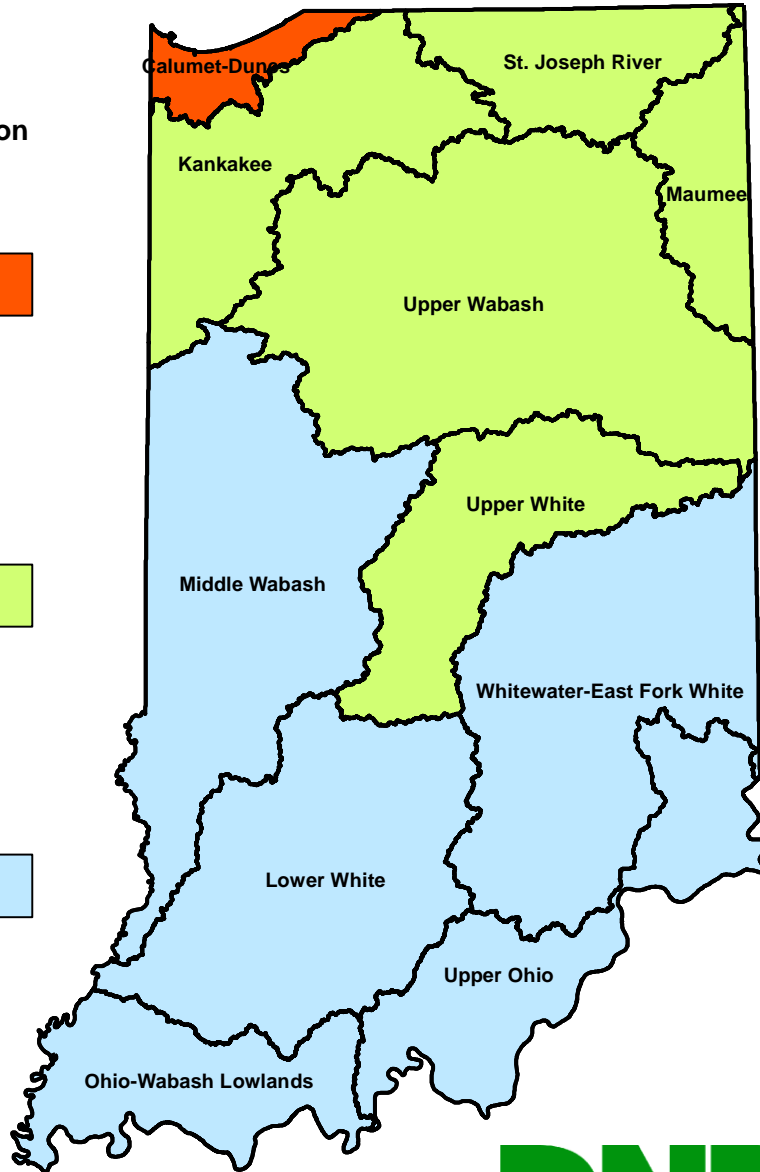


Figure 2. Current IN SWMP Staff and Service Areas Map.

Carl Wodrich, Assistant Director for the DNR’s Division of Land Acquisition, is responsible for the overall administration and management of the program, and the Calumet-Dunes Service Area. DNR IN SWMP has two (2) Mitigation Specialists, David Carr and Brad Baldwin, each responsible for the implementation of restoration and mitigation projects in five (5) of the program’s service areas in addition to continued programmatic responsibilities. IN SWMP staff responsibilities include but are not limited to:

- Ongoing assessment of IN SWMP internal and external procedures and documentation in coordination with program, division, and agency management;
- Develop and maintain conservation partnerships, to include federal, state and local governments, and land trusts;
- Identification and initial assessment of potential mitigation project sites through GIS, other data sources, and field visits as well as through working with internal and external conservation partners and potentially interested landowners;
- Coordination and oversight of contractors assisting the DNR with site selection, design, permitting/regulatory approvals, site visits, construction, maintenance, and project performance monitoring;
- Execute credit sales and coordinate with permittees, regulatory agencies and the Indiana Natural Resources Foundation as necessary to complete sales;
- Maintain credit ledgers and draft annual reports to USACE;
- Outreach and marketing to public, non-profit and private sectors.

**Credits, Pricing and Status**

**Table 3** below provides the stream and wetland credit prices per service area as initially established and approved in the Instrument. Stream and wetland credit prices have not been adjusted since the program’s approval.

<b>Service Area</b>	<b>Stream Credit Price (lf)</b>	<b>Wetland Credit Price (acre)</b>
Calumet-Dunes	\$600	\$95,000
St. Joseph River (Lake MI)	\$600	\$120,000
Maumee	\$450	\$80,000
Kankakee	\$500	\$95,000
Upper Wabash	\$400	\$80,000
Middle Wabash	\$400	\$80,000
Upper White	\$450	\$80,000
Whitewater-East Fork White	\$400	\$80,000
Lower White	\$400	\$80,000
Upper Ohio	\$400	\$80,000
Ohio-Wabash Lowlands	\$400	\$80,000

**Table 3.** Stream and Wetland credit pricing per service area for CY19.

**Table 4 (stream) and Table 5 (wetland)** below provide an overview of the advance credit allocation as approved in the Instrument, available advance credits at the beginning of CY19, advance credits sold in CY19, available advance credit balance at the end of CY19, and the percent of advance stream and wetland credits available from the initial allocation at the end of CY19. There are currently no released credits to report.

Service Area	Base Allocation Advance Stream Credits	Advance Stream Credit Available at beginning of CY19	Advance Stream Credits Sold in CY19	Advance Stream Credits Available at end of CY19	% of Advance Stream Credits Available
Calumet-Dunes	45,000	45,000	0	45,000	100%
St. Joseph River (Lake MI)	45,000	45,000	0	45,000	100%
Maumee	45,000	45,000	0	45,000	100%
Kankakee	45,000	45,000	385	44,615	99%
Upper Wabash	45,000	45,000	590	44,410	99%
Middle Wabash	45,000	45,000	771	44,229	98%
Upper White	60,000	59,250	903	58,347	97%
Whitewater-East Fork White	45,000	45,000	1,635	43,365	96%
Lower White	45,000	45,000	249	44,751	99%
Upper Ohio	45,000	44,595	2,229	42,366	94%
Ohio-Wabash Lowlands	50,000	50,000	373	49,627	99%

**Table 4.** CY19 Stream Credits.



Service Area	Base Allocation Advance Wetland Credits	Advance Wetland Credits Available at beginning of CY19	Advance Wetland Credits Sold in CY19	Advance Wetland Credits Available at end of CY19	% of Advance Wetland Credits Available
Calumet-Dunes	90	90	7.17	82.84	92%
St. Joseph River (Lake MI)	90	88.46	1.185	87.275	97%
Maumee	90	90	0	90	100%
Kankakee	90	90	3.78	86.22	96%
Upper Wabash	90	89.57	0.321	89.249	99%
Middle Wabash	90	90	4.04	85.96	96%
Upper White	120	119.38	8.468	110.912	92%
Whitewater-East Fork White	90	83.828	8.830	74.998	83%
Lower White	90	90	0	90	100%
Upper Ohio	90	87.27	14.765	72.505	81%
Ohio-Wabash Lowlands	115	110.8	3.050	107.75	94%

**Table 5.** CY19 Wetland Credits.

**Table 6 (stream) and Table 7 (wetland)** provide information on the statewide cumulative impact quantities per stream type, wetland type and regulatory jurisdiction for permits in which ILF mitigation credits were purchased in CY19. For additional details, see **Appendix A**.

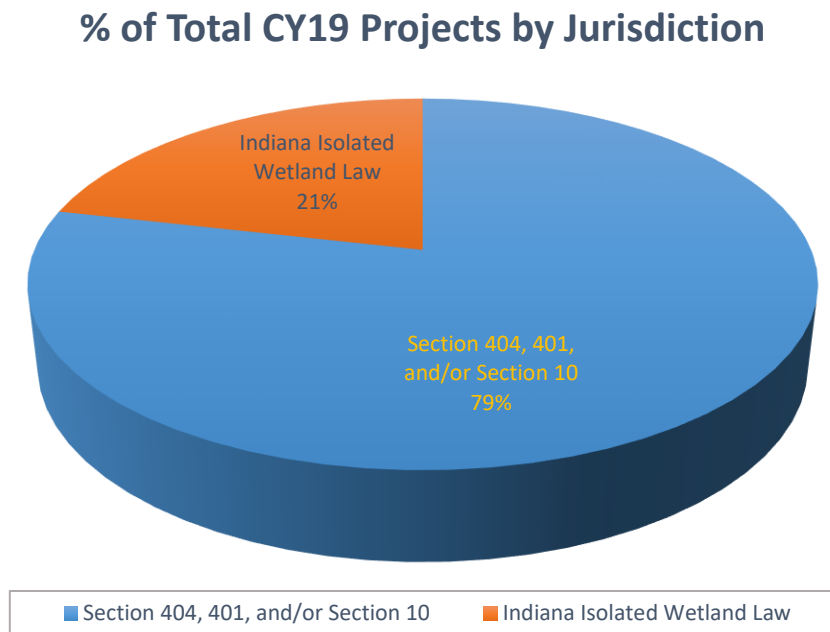
Linear Feet of Impact per Stream Type			
Ephemeral	Intermittent	Perennial	Total Linear Feet Impacts
2,131	2,637	2,363	7,131

**Table 6.** Statewide cumulative stream impact quantities by stream type (flow regime) for permits in which ILF mitigation credits were purchased in CY19.

Acres of Impact per Wetland Type						
Emergent	Scrub-Shrub	Forested	Isolated Class I Non-Forested	Isolated Class II Non-Forested	Isolated Class II Forested	Total Impact Acreage
19.583	0.594	26.717	2.684	0.147	0.363	51.627

**Table 7.** Statewide cumulative wetland impact quantities by wetland type and jurisdiction for projects in which ILF mitigation credits were purchased in CY19.

**Figure 3** below depicts the jurisdiction(s) of cumulative permitted aquatic resource impacts statewide that required purchase of IN SWMP advance credits for sales that were completed in CY19.

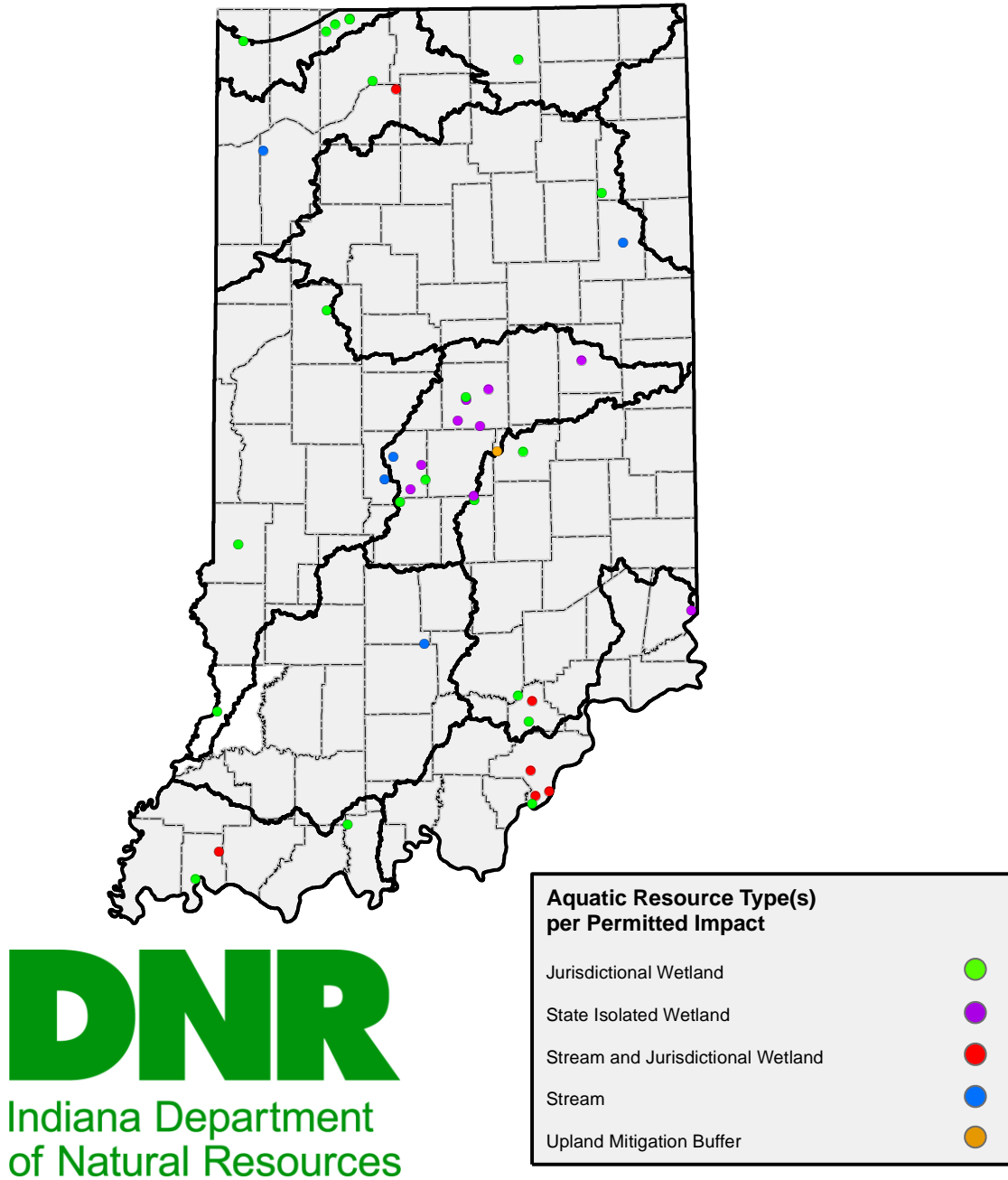


**Figure 3.** Percentage of the Number of Projects by Jurisdiction for CY19 (rounded to whole number).

**Figure 4** on the following page shows the location and type of permitted aquatic resource impacts requiring IN SWMP advance credit purchases that were sold in CY19.

# Indiana Stream and Wetland Mitigation Program

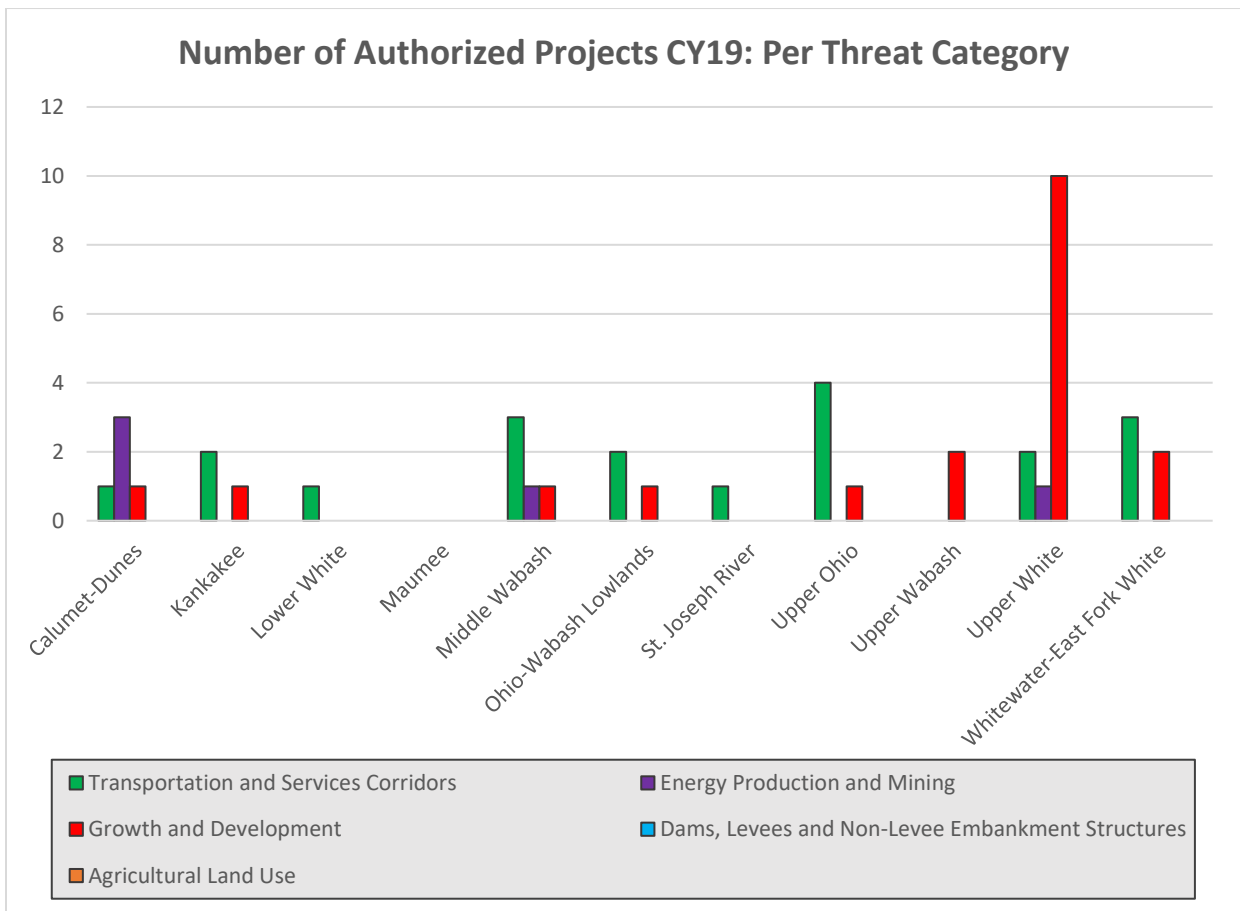
## Statewide Impacts by Aquatic Resource Type and Jurisdiction



**Figure 4.** Aquatic resource type(s) per permitted project for CY19 (Note: linear projects are shown as a single point, and one project required credits in two (2) Service Areas, but is shown as one point).

The DNR’s IN SWMP Compensation Planning Framework (CPF), appendix B to the Instrument, identified the major anthropogenic categories of activities, both historic and ongoing, that result in the threats and impacts to the chemical, physical and biological integrity of aquatic resources and habitats across Indiana which include, but are not limited to, the following: 1) Growth and Development; 2) Agricultural Land Use; 3) Dams, Levees and Non-Levee Embankments; 4) Energy Production and Mining; and 5) Transportation and Service Corridors.

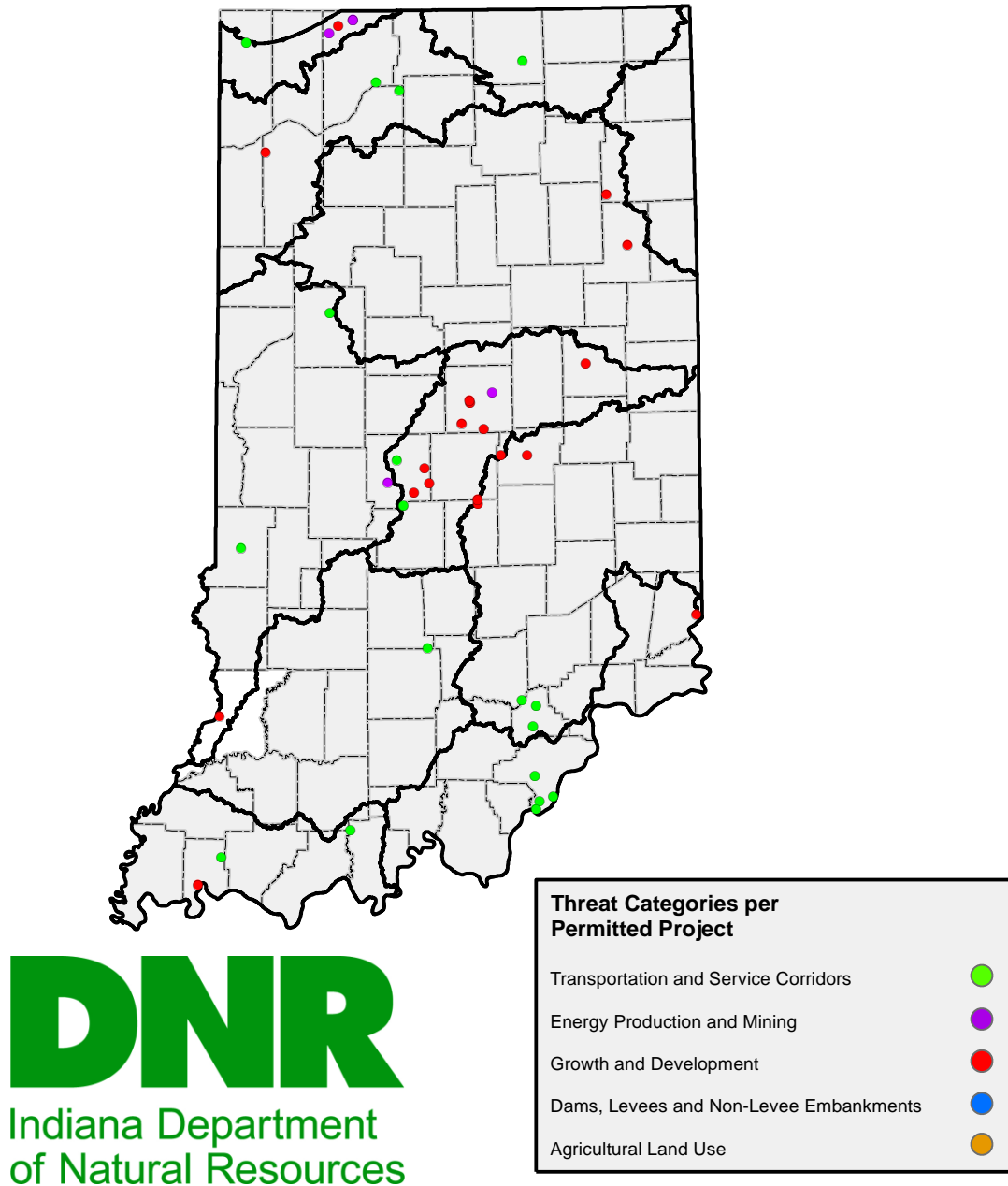
Stream and/or wetland ILF mitigation credit purchases based on the major anthropogenic aquatic resource threat categories in the IN SWMP CPF are shown below in **Figure 5** with the impact locations shown in **Figure 6**.



**Figure 5.** Number of authorized permits by threat category that required IN SWMP credits that were purchased in CY19. No permits authorizing an ILF credit purchase were for projects related to agricultural land use or dams, levees and non-levee embankments (Note: A Transportation and Service Corridor impact from one project required credits in both the Middle Wabash and Upper White SAs).

# Indiana Stream and Wetland Mitigation Program

## Statewide Impacts by Major Anthropogenic Threat Category



**Figure 6.** Location and major anthropogenic threat category of each permitted impact (Note: linear projects are shown as a single point, and one project required credits in two (2) Service Areas, but is only shown as one point).

**Program Financial Status**

The INRF IN SWMP Account has four sub-accounts as laid out in appendix A of the approved Instrument as follows:

- (a) Administrative Fund
- (b) Service Area Funds (in-lieu fee project funds for Section 10, 404, and 401 permitted impacts)
- (c) Service Area Funds (from credits sold for IDEM-permitted isolated wetland impacts)
- (d) Reserve Fund

**Table 8** below provides an overview of all income into the INRF IN SWMP account for DNR’s ILF program. For additional details, see **Appendix A (IN SWMP Ledger) and B (INRF IN SWMP Financials)**.

	<b>Amount</b>
Admin Funds Received in CY18	\$272,709.00
Admin Funds Received in CY19	1,094,974.50
Service Area Funds (WOUS) Received in CY18	\$1,066,562.00
Service Area Funds (WOUS) Received in CY19	\$4,891,313.00
Service Area Funds (Isolated) Received in CY18	\$206,080.00
Service Area Funds (Isolated) Received in CY19	\$218,568.00
Reserve Funds Received and Interest in CY18	\$274,308.59
Reserve Funds Received and Interest in CY19	\$1,134,128.74
<b>Total Funds Received in CY18</b>	<b>\$1,819,659.59</b>
<b>Total Funds Received in CY19</b>	<b>\$7,338,984.24</b>
<b>Total IN SWMP income - end of CY19</b>	<b>\$9,158,643.83</b>

**Table 8.** All income for DNR IN SWMP since program approval for CY18 and CY19.

**Administrative Fund**

Pursuant to the Instrument, the credit costs include an amount to fund the administration of the program. Fifteen (15) percent of each credit sale was deposited into this fund to carry out administrative tasks including, but not limited to, tasks completed by DNR staff, INRF staff, and/or professional services required to carry out operation of the IN SWMP program.

DNR may make withdrawals from the Administrative Fund at their discretion without the approval of USACE or the IRT to perform the tasks necessary to carry out the program. Administrative funds are being tracked separately from the service area funds and the reserve funds.

A total of \$1,094,974.50 in administrative funds were received in CY19 into the INRF IN SWMP Account. **Table 9** on the following page provides the details of the administrative funds during CY19, leaving a year-end balance of \$1,914,362.91.

<b>Transactions – INRF INSWMP Administrative Fund</b>	<b>Amount</b>
Total Admin funds received from credit sales in CY19	\$1,094,974.50
Total Admin fees paid to INRF in CY19	\$108,706.39
Total Admin funds transferred to DNR in CY19	\$249,000.00
IN SWMP Admin Fund Balance End of CY19 in INRF	\$1,914,362.91
<b>Admin Transactions – DNR Dedicated INSWMP Fund</b>	<b>Amount</b>
Admin funds in DNR Dedicated INSWMP Fund end of CY18	\$24,166.57
Admin funds deposited into DNR Dedicated INSWMP Fund CY19	\$249,000.00
Admin expenses by DNR in CY 19	\$189,884.20
Admin funds remaining in DNR Dedicated Fund end of CY19	\$83,282.37

**Table 9.** Administrative Funds details through end of CY19

### Service Area Funds

Pursuant to the Instrument, service area funds to implement DNR IN SWMP mitigation projects shall be deposited into the DNR IN SWMP account and tracked by service area. Funds from credits sold for state isolated wetland impacts are deposited into a separate sub-account from credits sold for Section 10, 404 and 401 impacts. When funds are moved from the INRF to the DNR IN SWMP fund, these funds will be co-mingled but will be tracked when deposited into the DNR fund, however, the expenses for a project will not be tracked from cradle to grave since all wetlands restored will be considered WOTUS and it is not feasible to do so.

The service area funds will be used to implement compensatory mitigation projects including locating and identifying potential sites, planning, acquisition and/or site protection, design, construction, performance monitoring, adaptive management, financial assurances, long term management funding mechanisms, anticipated contingencies and/or other activities necessary for project approval and construction. Each individual mitigation project’s finances will be tracked within each service area using a project number in the financial system.

As of the end of CY19, stream and/or wetland credits have been sold in ten (10) of the eleven (11) Service Areas (SA). The Maumee SA is the only SA that has had zero (0) credit sales through the end of CY19. Contributions to the service area funds come from 70% of each credit purchase and are tracked per service area. **Table 10** shows, by service area, the total amount of stream and wetland credit sale revenue that was deposited into the service area fund in CY19. Additionally, **Table 10** shows the amount of funds deposited by service area that resulted from the sale of credits for isolated impacts permitted by IDEM in CY19.

Service Area	Stream Receipts CY19	Total Stream Receipts	Jurisdictional Wetland Receipts CY19	Isolated Wetland Receipts CY19	Total Wetland Receipts	Total Service Area Funds
Calumet-Dunes	\$0.00	\$0.00	\$503,272.00	\$0.00	\$503,272.00	\$503,272.00
Kankakee	\$134,750.00	\$134,750.00	\$251,370.00	\$0.00	\$251,370.00	\$386,120.00
Lower White	\$69,720.00	\$69,720.00	\$0.00	\$0.00	\$0.00	\$69,720.00
Maumee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Middle Wabash	\$215,880.00	\$215,880.00	\$226,240.00	\$0.00	\$226,240.00	\$442,120.00
Ohio-Wabash Lowlands	\$104,440.00	\$104,440.00	\$170,800.00	\$0.00	\$406,000.00	\$510,440.00
St. Joseph River	\$0.00	\$0.00	\$99,540.00	\$0.00	\$228,900.00	\$228,900.00
Upper Ohio	\$623,000.00	\$737,520.00	\$823,200.00	\$3,640.00	\$979,720.00	\$1,717,240.00
Upper Wabash	\$165,200.00	\$165,200.00	\$7,896.00	\$0.00	\$31,976.00	\$197,176.00
Upper White	\$284,445.00	\$520,695.00	\$259,280.00	\$21,4928.00	\$508,928.00	\$1,029,623.00
Whitewater-East Fork White	\$457,800.00	\$457,800.00	\$494,480.00	\$0.00	\$840,112.00	\$1,297,912.00
<b>Totals</b>	<b>\$2,055,235.00</b>	<b>\$2,406,005.00</b>	<b>\$2,836,078.00</b>	<b>\$218,568.00</b>	<b>\$3,976,518.00</b>	<b>\$6,382,523.00</b>

**Table 10.** Service Area Funds<sup>1</sup> for Stream and Wetland (Jurisdictional WOTUS and state isolated) per Service Area. CY19 receipts and total receipts through end of CY19 since program approval.

**Table 11** below shows the funds that were transferred from the INRF IN SWMP account to the DNR’s dedicated fund utilized for the operation of the program for paying for expenses related to administration and operation of the program for the agency. No expenses were incurred against the service area funds as of the end of CY19. Expenses will begin to be incurred in early CY2020.

Service Area Funds Transferred to DNR IN SWMP Dedicated Fund	Amount
Upper White Service Area funds transferred - Stream	\$134,970.00
Upper White Service Area funds transferred – Wetland (WOUS)	\$20,630.00
Upper White Service Area funds transferred – Isolated	\$9,400.00
Middle Wabash Service Area funds transferred - Stream	\$38,830.00
Middle Wabash Service Area funds transferred – Wetland (WOUS)	\$71,170.00
Service Area expenses by DNR in CY 19	\$0.00
Service Area funds remaining in DNR dedicated fund - end of CY19	<b>\$275,000.00</b>

**Table 11.** Service Area Funds transferred to DNR’s dedicated fund for IN SWMP operations.

### Reserve Fund

Pursuant to the Instrument, the reserve fund shall be used for contingency actions, to provide program and project-specific financial assurances, long-term management, permanent protection activities (legal fees, encroachment repairs, boundary signage, etc.), and extra mitigation as may

<sup>1</sup> This does not include administrative or reserve funds.



be necessary based upon the interest accrued on the account. As funds used for financial assurances for IN SWMP projects are released, those funds will remain in the Reserve Fund.

Contributions to the Reserve Fund for CY19 came from 15% of each credit sale and the accumulated interest on all IN SWMP account funds. The contributions to the Reserve Fund during CY19 included \$\$1,094,974.50 from credit sales and \$39,154.24 from interest for a total of \$1,134,128.74. **Table 12** provides a full accounting of the Reserve Fund. There were no expenditures from the reserve fund in CY19.

Service Area	Stream Reserve Receipts CY19	Wetland Reserve Receipts CY19	Total All Reserve Funds
Calumet-Dunes	\$0.00	\$107,844.00	\$107,844.00
Kankakee	\$28,875.00	\$53,865.00	\$82,740.00
Lower White	\$14,940.00	\$0.00	\$14,940.00
Maumee	\$0.00	\$0.00	\$0.00
Middle Wabash	\$46,260.00	\$48,480.00	\$94,740.00
Ohio-Wabash Lowlands	\$22,380.00	\$36,600.00	\$109,380.00
St. Joseph River	\$0.00	\$21,330.00	\$49,050.00
Upper Ohio	\$133,500.00	\$177,180.00	\$367,980.00
Upper Wabash	\$35,400.00	\$1,692.00	\$42,252.00
Upper White	\$60,952.00	\$101,616.00	\$220,633.50
Whitewater-East Fork White	\$98,100.00	\$105,960.00	\$278,124.00
Subtotal	<b>\$654,567.00</b>	<b>\$440,407.50</b>	<b>\$1,367,683.50</b>
Interest Earned on Reserve <sup>2</sup>			<b>\$40,753.83</b>
<b>Total</b>			<b>\$1,408,437.33</b>

**Table 12.** Reserve Funds Received in CY 2019 and the total of all Reserve funds received to date from each SA.

### **Project Planning Activities**

DNR IN SWMP is currently evaluating potential initial project credit delivery targets based on CY18, CY19 and projected credit sales. As part of that effort, DNR IN SWMP has met with a number of conservation partners and landowners across the state to collaborate on potential projects. These relationships will continue to be fostered, especially with those partners who have shared potential mitigation sites for consideration with DNR staff. Specifically, Indiana land trust organizations, county parks and DNR land holding divisions have been particularly interested and willing to share potential project sites in their regions of the state. IN SWMP will

<sup>2</sup> \*Interest earned in 2019 included interest on credit sales where funds were received into the INRF IN SWMP account towards the end of December 2019, but the credit sale letters were not processed and sent by DNR IN SWMP to the permittee until after January 1, 2020, were not recorded on the ledger as a CY19 transaction, nor were those credit sale funds included in any other calculations of funds reported in this report (**Appendix A**).

continue to reach out to additional conservation partners across Indiana to educate them on the program and discuss opportunities for partnering on future mitigation projects. The IN SWMP also continues to meet with, and/or present to, many organizations and government entities for short and long-term planning purposes.

DNR IN SWMP has met with private, public and non-governmental property owners in several service areas to assess potential stream and/or wetland mitigation sites for consideration. Determination of suitability for some of these sites is still ongoing.

**Appendix C** provides a summary of DNR IN SWMP project site investigation throughout the state to date. The table indicates the extent to which a site has been evaluated to date, its general location, and whether it has potential as a mitigation projects for the program.

If there is a “Yes” in the “potential for project” column, this indicates that a potential site has not been ruled out for consideration, but does not mean that the site will make a final list of potential projects to be moved forward for additional assessment. A “No” in this column also does not mean that a quality restoration opportunity was not available, however it may indicate that the site did not match DNR IN SWMP current targets. Of course some sites have been ruled out of consideration based on factors such as risk to project success, insufficient ecological lift, or not meeting the goals and objects, and/or prioritization strategy of the DNR IN SWMP CPF. There have been more potential sites than provided in this table, but sites that were ruled out early in the review process without detailed consideration have not been reported.

Additionally, site location and ownership specifics are not recorded in the table for the purposes of this report for the privacy and/or confidentiality of the property owner or conservation partner. Site specific information will be provided at the time projects have been chosen to develop a conceptual plan to be submitted to the IRT for consideration per the LOP.

To date, DNR IN SWMP has collaborated with DNR Engineering Division to enter into zero dollar (\$0.00) contracts with nine (9) consulting firms through the Indiana Department of Administration’s Division of Public Works for consultant/designer services to assist the DNR with a range of services that will be essential to DNR in order to achieve program success. These services include the full suite of potential services to provide concept plans to the USACE and IRT for review and consideration. Additionally, these contracts can be utilized for real estate services as may be necessary, to provide full mitigation design and permitting, drafting specifications for DNR to solicit bids for construction, and to provide construction oversight.

As of the end of CY19, DNR IN SWMP has executed change orders to these contracts with detailed scopes-of-work and budgets with Cardno in the Middle Wabash and Upper White Service Areas. DNR IN SWMP is in the process of negotiating scopes-of-work and budgets with some of the other eight firms under contract with the DNR for the SAs that had stream and/or wetland credit sales in CY18. The DNR is not required to work exclusively with these nine (9) firms, nor do the \$0.00 contracts obligate the DNR and the State of Indiana to providing a change order scope of work. DNR may enter into additional contracts as program needs shift and as the program evolves in order to deliver quality mitigation in Indiana as efficiently as possible.

### **Additional Information**

Additional Information related to the Indiana Stream and Wetland Mitigation Program can be found by visiting the following website: <http://on.in.gov/inswmp>

**Appendix A**  
**IN SWMP Credit Sales Ledger**

**Appendix B**  
**Indiana Natural Resources Foundation**  
**IN SWMP CY19 Financial Report**

**Appendix C**  
**DNR IN SWMP List of Project Sites**  
**for Screening and Potential Investigation**