

STATE OF INDIANA

**Water Infrastructure Finance and
Innovation Act Program
(WIFIA)**



Annual Report

State Fiscal Year 2020

July 1, 2019 – June 30, 2020

**Water Infrastructure and Innovation Act Program
Annual Report SFY 2020**

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State of Indiana
Water Infrastructure and Innovation Act Program
Annual Report
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I. Introduction

Pursuant to 40 CFR 35.10075 Subpart Q, the State of Indiana (State), acting through its Indiana Finance Authority (Authority) submits its Annual Report for the Water Infrastructure and Innovation Act Program (WIFIA) Loan Program to the U.S. Environmental Protection Agency (EPA).

This Annual Report is for State Fiscal Year (SFY) 2020 (July 1, 2019 - June 30, 2020) and includes projects closed during SFY 2019 (July 1, 2018 – June 30, 2019), SFY 2018 (July 1, 2017 – June 30, 2018) and SFY 2017 (July 1-2016 – June 30, 2017).

The Authority entered into a loan agreement with EPA on September 6, 2019 in an amount not to exceed \$436,000,000. The WIFIA loan proceeds may be used to fund eligible projects that the Authority has closed in SFY 2020, SFY 2019, SFY 2018 and SFY 2017 as well as proposed eligible projects in future SFYs.

II. Project Selection

The purpose (goal) of the WIFIA Loan Program is to provide low-cost financial assistance to eligible borrowers (utilities, State SRF Loan Programs etc.) to enable the construction of necessary and environmentally sound wastewater and drinking water infrastructure; facilitate compliance with state and federal standards; maintain a fiscally self-sufficient program as a continuing source of funding for such improvements.

To meet these goals, the Authority, through its State Revolving Fund Loan Program, intends to provide financial assistance provided by the EPA WIFIA Loan Program to eligible projects which include:

- a. Wastewater projects that are eligible for assistance from the clean water state revolving fund as described under section 603(c) of the Federal Water Pollution Control Act, notwithstanding the public ownership requirement under paragraph (1) of that subsection.
- b. Drinking water projects that are eligible for assistance from the drinking water state revolving fund as described in section 1452(a)(2) of the Safe Drinking Water Act.

The Authority, through its Clean Water and Drinking Water Loan Programs receives applications for Wastewater and Drinking Water projects suitable for WIFIA assistance throughout the year and ranks and scores these projects which are then put on the wastewater and drinking water program's Project Priority Lists (PPLs).

At the time the Authority applied for WIFIA assistance, the Authority reviewed the current PPLs and identified projects suitable for WIFIA assistance. In selecting projects from the PPLs, the Authority focused on selecting an equal number of Drinking Water and Wastewater projects. In addition, the Authority focused on selecting projects that would benefit small, disadvantaged communities with a service population less than 10,000.

III. Federal WIFIA Requirements

Projects receiving WIFIA funding must comply with all relevant federal laws and regulations. The Authority has ensured compliance with all applicable federal requirements as mandated by the WIFIA program including:

- The Authority ensures compliance with the “American Iron and Steel” requirement as described in the Clean Water Act and Safe Drinking Water Act.
- The Authority ensures borrowers pay all laborers and mechanics employed by contractors or subcontractors Davis Bacon wage rates.
- The Authority conducts environmental reviews in accordance with federal and State law.
- The Authority ensures compliance with Section 106 of the Act.
- All WIFIA funded projects and activities were in compliance with federal Cross-Cutting Authorities and State Environmental Review Procedures (SERP).
- The Authority complied with all requirements of 2 CFR 200.

Furthermore, the Authority ensures compliance with both state and federal requirements by reviewing participants’ Preliminary Engineering Reports, issuing NEPA-like documents, consulting with cross-cutting agencies, reviewing participants’ Front End document certification in which the participant certifies compliance with applicable state and federal procurement requirements, inspecting projects and documentation during various stages of project construction and by requiring the participants to certify at substantial completion of the project that all state and federal requirements have been complied with.

Per the WIFIA loan agreement the total federal assistance provided to the Project in the aggregate, including the maximum principal amount of the WIFIA Loan, will not exceed eighty percent (80%) of Total Project Costs. As shown in **Exhibit A**, the federal assistance provided to the Program represents 25% of the Total Project Costs.

IV. WIFIA Funded Projects

A. Loans Closed

During SFY 2020, SFY 2019, SFY 2018 and SFY 2017, the Indiana SRF Loan Program selected twenty-six loans that were closed, totaling \$683,631,576. These twenty-six loans were selected to be eligible for WIFIA funding and the subject of an Environmental Assessment/ Finding of No Significant Impact, published in the Federal Register on February 23, 2018. A summary of the twenty-six loans and project descriptions is set forth in **Exhibit B-1**.

In addition, the Indiana SRF Loan Program selected eleven other projects that were closed in SFY 2020, SFY 2019, SFY 2018 and SFY 2017, totaling approximately \$24,352,707. These eleven loans were selected to be applied as additional security for anticipated WIFIA funding and were not included in the Environmental Assessment/ Finding of No Significant Impact, published in the Federal Register on February 23, 2018. However, all projects have been subject to a NEPA-like review in accordance with the Indiana State Environmental Review Policy. A summary of these eleven loans and project descriptions is set forth in **Exhibit B-2**.

B. Loan Funds Disbursed

1) Disbursement Review Process

The Authority follows a rigorous disbursement review process for all SRF projects and will utilize the same process for WIFIA funded eligible projects. A summary of disbursements for closed loans is set forth in **Exhibit C**.

2) The Authority agrees to and will:

- a. Expend all monies in the SRF Funds (including any WIFIA assistance received) in an expeditious and timely manner in the same manner the Authority complies with 40 CFR 35.3115, Subpart K, and 40 CFR 35.3550(l), Subpart L;
- b. Establish fiscal controls and accounting procedures that are sufficient to assure proper accounting for all monies in the SRF Funds (including any WIFIA Assistance received);
- c. Require the Participants to maintain their accounts as separate accounts; and
- d. Enter into a Financial Assistance Agreement with each Participant to establish the terms and conditions of each such Participant's Financial Assistance (including any that receives monies made available through WIFIA Assistance).

C. Proposed WIFIA Funded Projects

Two upcoming loans, totaling approximately \$244,459,661 were subject to the Environmental Assessment/ Finding of No Significant Impact, published in the Federal Register on February 23, 2018, and are expected to close in the future. A summary of these proposed loans is set forth in **Exhibit D**.

Indiana Water Infrastructure and Innovation Act Program
Exhibit A
Summary of Federal Involvement in the Program

Loan No.	WIFIA Participant (as listed in Annex I of the WIFIA Loan Agreement)	Eligible Project	Original Loan Amount	Additional Subsidy Forgivable Loan from SRF Fund	Closing Date (or Projected Closing Date)	Federal Involvement as of 6/30/2020	Non-Federal Involvement as of 6/30/2020	Loan Status
1	Schneider, Town of	Yes	\$ 877,600	\$ 650,000	12/15/16	\$ -	\$ 212,025	Closed
2	Winchester, City of	Yes	1,600,000	-	11/28/16	-	1,597,405	Closed
3	Woodburn, City of	Yes	7,163,000	500,000	12/15/17	-	6,021,131	Closed
4	Woodburn, City of	Yes	402,000	-	12/15/17	-	402,000	Closed
5	Uniondale, Town of	Yes	735,000	500,000	12/15/17	-	223,059	Closed
6	CWA Authority, Inc.	Yes	163,526,839	-	07/21/17	163,526,839	-	Closed
7	Attica, City of	Yes	4,534,000	-	02/20/18	-	4,529,251	Closed
8	Warsaw, City of	Yes	9,463,000	-	12/15/17	-	8,790,753	Closed
9	Shirley, Town of	Yes	792,000	-	09/20/18	-	707,035	Closed
10	Greenwood, City of	Yes	29,137,000	-	11/20/18	-	29,137,000	Closed
11	Evansville, City of	Yes	35,020,000	-	12/04/18	473,161	34,546,839	Closed
12	Evansville, City of	Yes	72,335,000	-	12/04/18	-	72,335,000	Closed
13	Montpelier, City of	No	3,434,000	-	06/19/19	-	-	Closed
14	Montpelier, City of	No	1,722,000	-	06/19/19	-	-	Closed
15	Jasonville, City of	Yes	1,200,000	-	08/30/17	-	1,068,793	Closed
16	Greentown, Town of	Yes	2,250,000	1,090,000	06/19/17	-	875,427	Closed
17	Hillsdale Water Corporation	Yes	1,141,000	814,000	03/09/17	-	327,000	Closed
18	Marshall, Town of	Yes	893,000	700,000	12/15/16	-	191,294	Closed
19	Greensburg, City of	Yes	22,715,000	-	06/11/19	-	22,715,000	Closed
20	Walkerton, Town of	Yes	7,184,000	2,850,000	12/20/18	-	2,929,585	Closed
21	Crown Point, City of	Yes	9,181,383	-	12/14/18	-	8,501,852	Closed
22	Delphi, City of	Yes	7,420,000	-	12/12/18	-	7,420,000	Closed
23	Fort Wayne, City of	No	7,500,000	-	08/08/19	-	-	Closed
24	Watson Water Co.	No	1,060,000	-	12/12/18	-	-	Closed
25	Bargersville, Town of	No	621,107	-	11/20/17	-	-	Closed
26	Paragon, Town of	No	618,600	-	06/27/12	-	-	Closed
27	Bunker Hill, Town of	No	1,491,000	-	06/17/14	-	-	Closed
28	Chesterton, Town of	No	209,000	-	07/27/15	-	-	Closed
29	St. Joseph RWSD	No	200,000	-	01/27/17	-	-	Closed
30	Luce Township RSD	No	1,297,000	-	04/02/18	-	-	Closed
31	CWA Authority, Inc.	Yes	180,654,754	-	10/15/19	-	180,654,754	Closed
32	Evansville, City of	Yes	75,000,000	-	12/27/19	-	75,000,000	Closed
33	Tipton, City of	No	6,200,000	-	11/27/19	-	-	Closed
34	Patoka, Town of	Yes	124,000	-	10/31/18	-	-	Closed
35	CWA Authority, Inc.	Yes	213,973,161	-	Oct. 2021	-	-	Proposed
36	Lawrence, City of	Yes	10,486,500	-	Dec. 2020	-	-	Proposed
37	Crown Point, City of	Yes	6,900,000	-	11/01/19	-	3,297,355	Closed
38	Greenwood, City of	Yes	36,158,000	-	03/31/20	-	36,158,000	Closed
39	Delphi, City of	Yes	7,225,000	-	12/20/19	-	5,225,000	Closed

Federal Involvement	\$ 164,000,000	25%
Non Federal Involvement	\$ 502,865,558	75%
Total	\$ 666,865,558	


Indiana Water Infrastructure and Innovation Act Program


Exhibit B-1

Summary of Closed Loans Selected for WIFIA Funding and Included in WIFIA Environmental Assessment (2/23/2018)

Borrower	Project Type	Project Name	Loan Amount	Loan Term	Population
Winchester	CW	Wastewater Treatment Plant Improvements	\$ 1,600,000	20	4,935
Marshall	DW	New Elevated Storage Tank	\$ 893,000	20	324
Patoka	DW	New Water Main	\$ 124,000	n/a	750
Schneider	CW	Improvements to the Treatment Plant and Main Lift station	\$ 877,600	20	277
Hillsdale	DW	Water System Improvements	\$ 1,141,000	20	742
Greentown	DW	Water System Improvements	\$ 2,250,000	20	2,415
CWA Authority, Inc. 1	CW	Dig Indy Tunnel System (2018-2020)	\$ 163,526,839	30	820,445
Jasonville	DW	New Wells	\$ 1,200,000	20	4,147
Uniondale	CW	Wastewater Treatment Plant Improvements	\$ 735,000	20	310
Warsaw	CW	Inflow and Infiltration correction	\$ 9,463,000	35	13,559
Woodburn	CW	New Treatment plant	\$ 7,163,000	20	1,520
Woodburn	CW	New Treatment plant	\$ 402,000	35	1,520
Attica	CW	WWTP and LS improvements	\$ 4,534,000	20	3,245
Shirley	CW	Collection system improvements due to I/I	\$ 792,000	20	830
Greenwood	CW	New interceptors and lines for I/I correction	\$ 29,137,000	35	8,750
Evansville	CW	Long Term Control Plan Implementation Projects (2019-2022)	\$ 35,020,000	20	117,429
Delphi	DW	Expand WTP	\$ 7,420,000	35	3,200
Crown Point	DW	new tank(s), pump station improvements, chlorination and looping	\$ 9,181,383	20	30,000
Walkerton	DW	Replace WTP and make distribution system improvements	\$ 7,184,000	20	2,262
Evansville	CW	Long Term Control Plan Implementation Projects (2019-2022)	\$ 72,335,000	35	117,429
Greensburg	DW	New Water Treatment Plant	\$ 22,715,000	20	12,000
CWA Authority, Inc. 2	CW	Dig Indy Tunnel System (2018-2021)	\$ 180,654,754	30	820,445
Evansville	CW	Long Term Control Plan Implementation Projects (2019-2022)	\$ 75,000,000	20	117,429
Crown Point	DW	looping	\$ 6,900,000	20	30,000
Delphi	DW	Expand Water Treatment Plant	\$ 7,225,000	20	3,200
Greenwood	CW	New interceptors and lines for Infiltration/Inflow correction	\$ 36,158,000	35	49,791
Total:			\$ 683,631,576		

Summary of Loans Closed Selected for WIFIA Funding
Exhibit B-1 - Project Descriptions

WIFIA Participant: Winchester		Clean Water	
Loan Closing Date:	11/28/2016	Loan Amount:	\$ 1,600,000
Affected Population:	4,935	NIMS Categories: Advanced Treatment:	\$ 1,600,000
Loan Term:	20 years		
Project Substantially Complete:	7/24/2017		
Environmental Benefit: The project will allow the system to meet phosphorus limits and control sludge production. The project will protect Sugar Creek which is the subject of the Upper White River Headwaters <i>E coli</i> TMDL.			
Project Description:			
The City of Winchester currently owns and operates a Class III activated sludge Wastewater Treatment Plant. The plant has several drying beds which have a less than optimal operational capacity and the plant is required to add a phosphorus removal process which will increase the overall sludge generation at the Wastewater Treatment Plant. Additionally, the Wastewater Treatment Plant's existing emergency diesel generator has served its useful life and needs to be replaced.			
The proposed improvements to the Wastewater Treatment Plant include refurbishing the existing six drying beds and constructing four new beds, replacing the emergency diesel generator with a new diesel generator and a new concrete pad, removing the existing emergency generator's underground storage tank, piping, concrete pad, ventilation and electronic control system, replacing the motor control centers in the garage building and headworks building and installing a conduit along the western perimeter of the fence between the new motor control center in the garage and the new motor control centers in the headworks building.			
The project will allow the system to handle the additional sludge that will be generated during the phosphorus removal process and allow the system to continue operations during a power outage.			

WIFIA Participant: Marshall		Drinking Water	
Loan Closing Date:	12/15/2016	Loan Amount and Additional Subsidy: \$	893,000
Affected Population:	324	NIMS Categories: Storage: \$ 893,000	
Loan Term:	20 years		
Project Substantially Complete:	4/29/2018		
Public Health Benefit: Assists a compliant system to maintain compliance with the Safe Drinking Water Act.			
Project Description:			
The Town of Marshall’s elevated water storage tank was erected in 1947 and is of riveted and welded steel construction with a waxed coating system. The tank was recently inspected and the results indicate that significant rehabilitation is required including several structural, safety and operational deficiencies.			
The project will replace the town’s existing elevated storage tank. The existing tank is undersized, aged, and does not provide adequate pressure; replacement will alleviate these issues.			
With a low MHI and high user rates the Town of Marshall is considered to be a Disadvantaged Community per the Authority’s 2017 Intended Use Plan.			

WIFIA Participant: Patoka		Drinking Water	
Loan Closing Date:	10/31/2018	Grant Amount:	\$ 124,000
Affected Population:	750	NIMS Categories: Transmission & Distribution:	\$ 124,000
Loan Term:	n/a		
Project Substantially Complete:	2/7/2019		
Public Health Benefit: Assists a compliant system to maintain compliance with the Safe Drinking Water Act.			
Project Description:			
<p>The Town of Patoka operated a water main that was at the end of its useful life and difficult to maintain because of its location underneath a tributary of the Patoka River. A leak in this main forced the Town to cut and cap the water main, which compromised water quality and water pressure in the Town’s public water system.</p> <p>The project consisted of installing approximately 1,000 LF of 6-inch PVC pipe to replace the cast iron main which has reached the end of its useful life from Graves Street to Cottonwood Drive along the former Wood Street corridor. The existing main was abandoned in place. The project also included the installation of a permanent leak detection device to help determine the location of future leaks in the system.</p>			

WIFIA Participant: Schneider		Clean Water	
Loan Closing Date:	12/15/2016	Loan Amount and Additional Subsidy:	\$ 877,600
Affected Population:	277	NIMS Categories: Advanced Treatment: \$ 640,411 Sewer System Rehab: \$ 237,189	
Loan Term:	20 years		
Project Substantially Complete:	11/29/2018		
Environmental Benefit: The project will allow the system to maintain compliance and protect the Kankakee River from further impairment. The project area is the subject of the Kankakee/ Iroquois River Watershed <i>E coli</i> TMDL.			
Project Description: The Town of Schneider’s Wastewater Treatment Plant is in need of improvements to replace aging components and continue to meet the requirements of the Town’s NPDES permit. The Town plans to make needed improvements to the Wastewater Treatment Plant, as well as convert the main lift station to a submersible pump station by installing new pumps, a generator and a concrete valve vault. Improvements to the treatment plant include installing a fine screen, replacing the rotor drive assembly in the oxidation ditch, replacing the clarifier drives, making repairs to the sludge process piping and valves, and replacing the emergency generator, return activated sludge (RAS)/ waste activated sludge (WAS) pumps, blowers and flow meter. At the main lift station, a valve vault will be added, the pumps will be replaced, the controls and alarms will be upgraded, and standby power will be provided. These improvements will result in reduced maintenance, increased efficiency, and better operating conditions.			

WIFIA Participant: Hillsdale		Drinking Water	
Loan Closing Date:	3/9/2017	Loan Amount and Additional Subsidy: \$ 1,141,000	
Affected Population:	742	NIMS Categories:	
Loan Term:	20 years	Treatment:	\$ 434,169
		Transmission & Distribution:	\$ 177,690
Project Substantially Complete:	5/16/2018	Source:	\$ 153,237
		Storage:	\$ 375,904
Public Health Benefit: Assists a noncompliant system to achieve compliance with the Safe Drinking Water Act.			
<p>Project Description:</p> <p>The Hillsdale Water System has extensive issues with secondary contaminants including taste and odor complaints as well as numerous compliance issues including insufficient electrical system, lack of an emergency generator, insufficient storage, areas of low pressure and equipment past useful life.</p> <p>The proposed project will complete improvements at the water treatment plant, including new vertical pressure filters, replacement of the existing gas chlorination system with an on-site sodium hypochlorite generation and chemical injection system and other various upgrades throughout the plant to improve treatment and operations. The project will also rehab the existing Well #2, abandon existing Well #1, construct a new water storage tank and make improvements to the South Booster Station, install flush hydrants in Hillsdale Village, replace/ install valves throughout the system.</p> <p>Improvements to the existing infrastructure provide the Corporation with a sustainable, more reliable water system that meets IDEM requirements and improves the water quality for its customers. Providing additional storage and booster pumping in the north part of the system will improve pressure and allow the Corporation to supply its customers with water under high demand conditions. Additionally, installing new isolation valves throughout the system will allow the operator to shut off smaller sections of the distribution system during maintenance that will reduce the number of customers affected.</p> <p>The average annual post project user rate in the Hillsdale Water System exceeds 1 percent of the community's Median Household Income, meeting the definition of a Disadvantaged Community per the Authority's 2018 Intended Use Plan.</p>			

WIFIA Participant: Greentown		Drinking Water	
Loan Closing Date:	6/19/2017	Loan Amount and Additional Subsidy: \$ 2,250,000	
Affected Population:	2,415	NIMS Categories:	
Loan Term:	20 years	Treatment:	\$ 448,557
Estimated Substantial Completion:	Dec 2021	Transmission & Distribution	\$ 668,901
		Source:	\$ 1,132,542
Public Health Benefits: Assists a compliant system to maintain compliance with the Safe Drinking Water Act.			
Project Description:			
<p>The Town of Greentown water system faces many challenges which include necessary rehabilitation at all wells four system wells, necessary rehabilitation at the water treatment plant due to aging components, aging water main leading to water main breaks and water loss issues, existing dead end mains which are causing pressure issues, and necessary rehabilitation at both water storage tanks in the system.</p> <p>The proposed project will: improve and replace multiple components at the Water Treatment Plant, replace existing water main along SR 213, complete looping of dead end mains in two areas, abandon existing Well #3, rehabilitate existing Well #1 and existing Well #2, activate existing Well #4, install and activate new Well #5 including a standby generator, install Well #6 (capped for future use), install associated raw water main, and install SCADA equipment throughout the system. The project also includes the expenses associated with the investigatory work on the existing water supply/ wellfields completed prior to the submittal of the Preliminary Engineering Report.</p> <p>The proposed project will improve system pressures and flows, meet the capacity needs of the system, replace undersized and aged components, improve water quality, and decrease operation challenges.</p> <p>With a high monthly rate and an MHI lower than the State Median, the Town of Greentown is defined as a Disadvantaged Community.</p>			

WIFIA Participant: CWA Authority, Inc. 1		Clean Water	
Loan Closing Date:	7/21/2017	Loan Amount:	\$163,526,839
Affected Population:	820,445	NIMS Categories: CSO Correction:	\$163,526,839
Loan Term:	30 years		
Project Substantially Complete:	6/13/2019		

Environmental Benefits: The project will reduce combined sewer events to White River which is listed for high levels of *E. coli* and impaired biotic communities and will allow Citizens Water Authority to meet the requirements of their long term control plan. The project area is the subject to the West Fork White River Watershed *E. coli* Total Maximum Daily Load Report (TMDL).

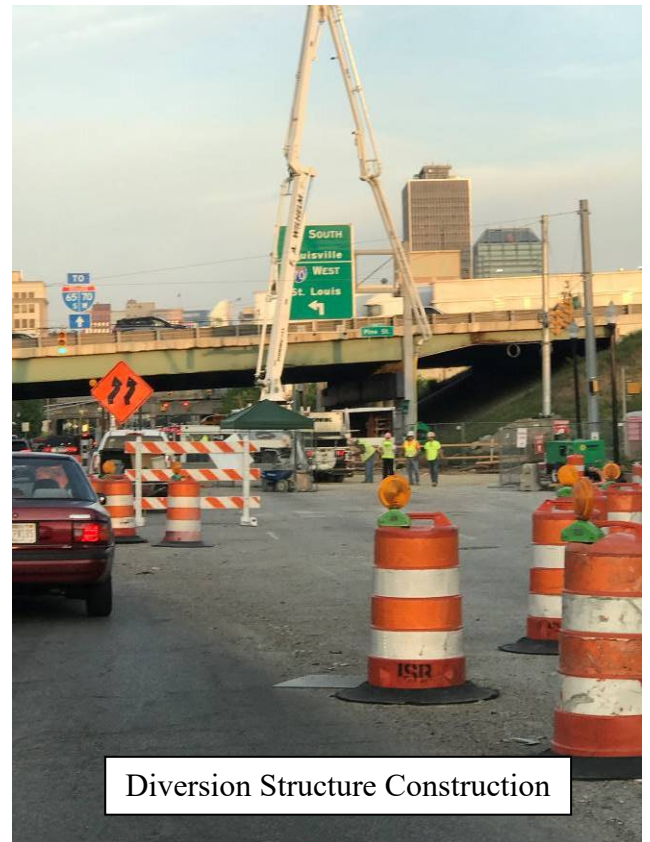
Project Description:

CWA Authority, Inc. is implementing the DigIndy project as part of the City of Indianapolis' Long Term Control Plan and federally-mandated Consent Decree. The tunnel system will reduce the amount of combined sewer overflow contaminants discharged into Marion County waterways. The DigIndy project includes the Upper Pogues Run CSO Abatement project, which will capture and store wet weather flow from the existing sewer system and reduce the volume of combined sewer overflow from nine existing CSO outfalls sent to the Upper Pogues Run waterway.

The Upper Pogues Run CSO Abatement project includes the construction of the Brookside Park Storage Tank, which includes a new 2 million gallon deep shaft-style slurry wall and shotcrete storage tank, equipment building, diversion structure, and appurtenances. The project also includes associated consolidation sewers, dewatering pump stations and force main piping in the Brookside Park project area.

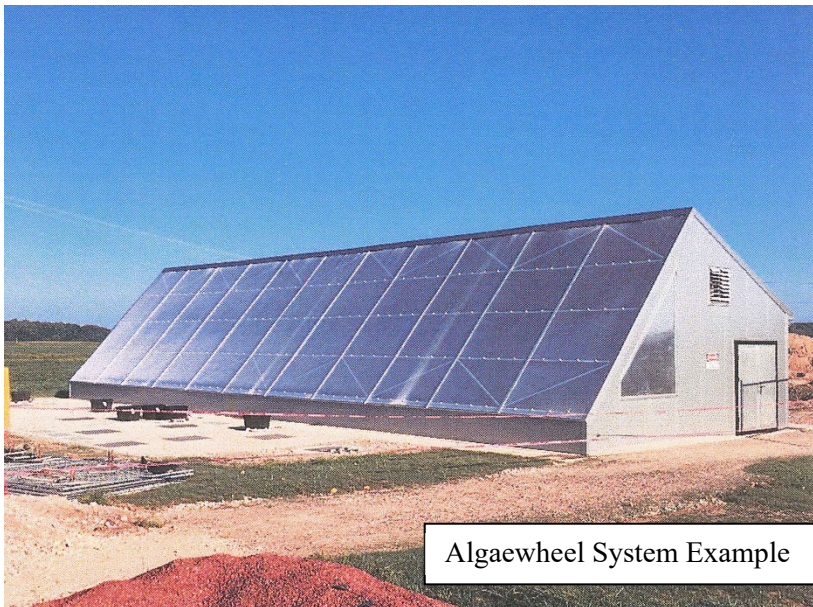
The Forest Manor Park Storage Tank component of the Upper Pogues Run CSO Abatement project was approved separately on June 9, 2017, and included the tank only. This project includes the equipment building, diversion structure, appurtenances, and associated piping and pumping for the Forest Manor Park project area.

The City's Consent Decree mandates that the proposed system be sized for 97% capture for Fall Creek watershed and 95% capture for all other watersheds during a typical year. Due to value engineering and optimization storage capacity has increased resulting in 99% full system capture and a maximum of 2.6 overflow events per year per watershed on the average. Therefore, the DigIndy Tunnel Program qualifies as a Climate and Extreme Weather Resiliency green project based on its design to perform beyond the minimum design standards in anticipation of climate change.



Diversion Structure Construction

WIFIA Participant: Jasonville		Drinking Water	
Loan Closing Date:	8/30/2017	Loan Amount:	\$ 1,200,000
Affected Population:	4,147	NIMS Categories: Source:	\$ 1,200,000
Loan Term:	20 years		
Project Substantially Complete:	6/2/2018		
Public Health Benefit: Assists a noncompliant system to achieve compliance with the Safe Drinking Water Act.			
Project Description:			
<p>The Indiana Department of Environmental Management has determined the City’s water supply system as Groundwater Under the Direct Influence of Surface Water. Wells under the direct influence of surface water that do not receive adequate treatment represent a risk for waterborne disease outbreak.</p> <p>This Phase II project will install a new well field which includes two new drinking water supply wells, an emergency generator, modifications to existing wells to enable variable frequency drive (VFD) control, and associated components to assure access and security.</p> <p>The Phase I project included a chlorine disinfection facility to provide treatment of the existing water supply, and Phase II proposes a new well field to serve as a stand-alone water source and work in conjunction with the existing wells. The projects are required by IDEM to ensure reliable drinking water to Jasonville customers.</p>			

WIFIA Participant: Uniondale		Clean Water	
Loan Closing Date:	12/15/2017	Loan Amount and Additional Subsidy: \$	735,000
Affected Population:	310	NIMS Categories:	\$ 735,000
Loan Term:	20 years		
Project Substantially Complete:	3/11/2019		
Environmental Benefits: The project will reduce the discharge of ammonia, nitrogen and phosphorus to Griffin Ditch. The project area is the subject of the Wabash River Watershed <i>E. coli</i> Nutrients TMDL and the Upper Wabash River watershed management plan.			
Project Description:			
The Town of Uniondale's Wastewater Treatment Plant does not meet ammonia-nitrogen and phosphorus limits that have been added to the Town's NPDES permit.			
The selected project includes the clean closure of the existing rapid sand filters and the construction of an Algaewheel Treatment System and ultra-violet disinfection system.			
The project is necessary to meet current and future effluent limits required by the Town's NPDES permit.			
The population of Uniondale is small and not increasing, and the unemployment rate is much higher than the State unemployment rate. The approved user rate after Additional Subsidization is \$87 per month. Without Additional Subsidization the user rates for this community could lead to hardship for residents.			

Algaewheel System Example

WIFIA Participant: Warsaw		Clean Water	
Loan Closing Date:	12/15/2017	Loan Amount:	\$ 9,463,000
Affected Population:	13,559	NIMS Categories:	Sewer System Rehabilitation: \$ 9,463,000
Loan Term:	35 years		
Estimated Substantial Completion:	Oct 2019		
Environmental Benefits: The project will reduce sewer collapse incidents and potential sanitary sewer overflows to the Tippecanoe River watershed as a result of sewer collapse. The project area is the subject of the Upper Tippecanoe River watershed management plan.			
Project Description:			
In recent years the City of Warsaw collection system has experienced several structural collapses. The City has been actively pursuing improving the structural integrity of their sanitary sewer collection system and investigating inflow and infiltration issues in the collection system.			
The proposed sewer rehabilitation project includes: cleaning and televising of sanitary sewers ranging in size from 6-inches to 48-inches; lining existing sewers utilizing cured-in-place-pipe methods; replacing undersized sanitary sewers; reinstating all impacted laterals; removing protruding laterals; and rehabilitating over 200 manholes.			
This project will reduce infiltration and inflow in the sewer system during wet weather events and prevent future sewer collapses which pose a potential safety issue to the residents of Warsaw.			
All components of the Warsaw project are eligible for the Indiana Extended Term Financing Program, and the loan closed with a 35-year term.			

WIFIA Participant: Woodburn		Clean Water	
Loan Closing Date:	12/15/2017	Loan Amount A and Additional Subsidy:	\$ 7,163,000
		Loan Amount B:	\$ 402,000
Affected Population:	1,520	NIMS Categories: Secondary Treatment: \$ 7,163,000 New Sanitary Sewer: \$ 402,000	
Loan Term A:	20 year		
Loan Term B:	35 year		
Estimated Substantial Completion: Feb 2020			
Environmental Benefits: The project will reduce the discharge of ammonia, nitrogen and phosphorus to the Marsh Ditch. The project area is the subject of the St Mary’s River and Maumee River Watershed impaired biotic communities and <i>E. coli</i> TMDL and the Upper Maumee watershed management plan			
Project Description: The existing Wastewater Treatment Plant in the City of Woodburn does not meet ammonia-nitrogen limits added to the City’s NPDES permit. The current plant is also unable to meet phosphorus limits expected to be included in the next permitting cycle. In addition, homes located on State Road 101 are utilizing individual septic systems that are determined to be failing. The Wastewater Treatment Plant Improvements project includes: upgrading the existing influent lift station and adding variable frequency drives; constructing a headworks facility with mechanical bar screen; constructing a two-channel oxidation ditch with return activated sludge/waste activated sludge pumping station; constructing two 35-foot diameter secondary clarifiers; constructing two aerobic digesters; constructing a sludge dewatering building containing a dewatering dumpster; installing a cascade post aeration system; installing an alum chemical feed and storage facility; installing an effluent pumping station; installing sodium hypochlorite metering pumps with storage tank and sodium bisulfite metering pumps for existing disinfection system; and removing sludge and performing a clean closure of lagoons #2 and #3. The S.R. 101 Sanitary Sewer Extension project includes: installing 650 feet of 6-inch service laterals; installing 1,459 feet of 2-pressure sewer; installing nine 8-inch by 6-inch wyes; installing four grinder pump stations, connections and 1½ -inch corporation stop & check valve assemblies; and restoring the site. The oxidation ditch plant was selected since it can effectively remove ammonia-nitrogen and meet all current NPDES effluent limits including being able to remove phosphorus when the phosphorus limit will be imposed in the next permit cycle. The proposed sewer extension project will eliminate the failed residential septic systems on S.R. 101 as well as a few homes near its intersections with Maumee Center Road. Components of the Woodburn project are eligible for the Indiana Extended Term Financing Program. Loan B consists of sewer extension projects and has a 35-year term.			


WIFIA Participant: Attica		Clean Water	
Loan Closing Date:	2/20/2018	Loan Amount:	\$ 4,534,000
Affected Population:	3,245	NIMS Categories:	
Loan Term:	20 years	Advanced Treatment:	\$ 3,362,802
Project Substantially Complete:	11/27/2018	New Interceptors:	\$ 238,157
		CSO Correction:	\$ 933,041
Environmental Benefits: The project will reduce combined sewer outfall events to the Wabash River which is listed for high levels of <i>E. coli</i> , nutrients, low dissolved oxygen and low pH. The project area is the subject of the Wabash River Watershed <i>E. coli</i> and Nutrients TMDL.			
Project Description:			
<p>The City of Attica is under an Agreed Order implement Phase II of its CSO LTCP, which will reduce the amount of untreated sewage being discharged to the Wabash River from combined sewer overflows. Additionally the wastewater treatment process will need to be improved to meet the existing ammonia limits and the proposed phosphorus limits in the City’s NPDES permit and multiple components of the existing system are at the end of their useful life and need to be replaced.</p> <p>The collection system will be improved by replacing the existing Yount Street lift station with a new duplex lift station of same capacity with submersible pumps, controls, portable generator connection and automatic transfer switch. The new lift station will improve reliability, allow safe access for maintenance staff, and provide backup power capability.</p> <p>The wastewater treatment facility will be improved by implementing Phase II recommendations within Attica’s CSO Long Term Control Plan, improving ammonia treatment to reduce the chance of discharge permit violations, adding phosphorus treatment capability, and replacing or removing aging and failing components. The facility will maintain treatment capacity, and will be converted to an activated sludge oxidation ditch process.</p> <p>The project will allow Attica to meet NPDES permit requirements, comply with the community’s exiting CSO LTCP.</p>			

WIFIA Participant: Shirley		Clean Water	
Loan Closing Date:	9/20/2018	Loan Amount:	\$ 792,000
Affected Population:	830	NIMS Categories:	\$ 792,000
Loan Term:	20 years		
Estimated Substantial Completion:	Sept 2019		
Environmental Benefits: The project will allow the system to achieve requirements. The project will protect Smith Ditch, which flows to the Lower Big Blue River. While Smith Ditch has no recorded impairments, The Lower Big Blue River is listed for high levels of <i>E. coli</i> on the Indiana 303(d) list. The project area is the subject of the Lower Big Blue River Watershed <i>E. coli</i> TMDL.			
Project Description: The Town of Shirley currently operates a Class I-SP controlled discharge waste stabilization lagoon plant. Operations are difficult due to the restrictions of the controlled discharge and the current average daily flow rate exceeding the permitted flow of the plant. The Shirley sanitary collection system experiences inflow/infiltration (I/I) due to the age and condition of a majority of the sewer mains. Televising has revealed conditions that need corrective action such as replacement in three locations and lining of several more. The Town has been issued a Sewer Connection Ban notice by IDEM. The Wastewater Collection System Improvements project includes a new mechanical screen at the influent lift station, extensive lining of the existing 8 to 12-inch diameter sanitary sewers, installation of sanitary sewer with associated manholes and wyes, installation of approximately 180 linear feet of 12-inch storm sewers and the rehabilitation of three manholes. This project is utilizing fund from the Indiana Office of Community and Rural Affairs to complete improvements at the treatment plant. The collection system work will reduce the amount of infiltration/inflow into the sanitary sewer system, which will help prevent wastewater treatment plant discharge violations. The mechanical screen will help to prevent blockages and damage to the influent lift station pumps.			

WIFIA Participant: Greenwood		Clean Water	
Loan Closing Date:	11/20/2018	Loan Amount:	\$ 29,137,000
Affected Population:	8,750	NIMS Categories: New Interceptors:	\$ 29,137,000
Loan Term:	35 years		
Estimated Substantial Completion:	Oct 2020		
Environmental Benefits: The project allows the system to achieve compliance with current requirements. The project will improve Honey Creek, Turkey Pen Creek and West Fork White River. The West Fork White River is listed for high levels of <i>E. coli</i> and free cyanide on the Indiana 303(d) list. The project area is the subject of the West Fork White River-Owen County Tributary Watershed <i>E. coli</i> TMDL.			
Project Description: The City of Greenwood is experiencing backups and overflows in existing interceptors and the older downtown areas. In 2011, Greenwood entered into an Agreed Order with IDEM following an overflow into a local creek at the Lone Pine Farms Lifts station. Since entering into the Agreed Order the city has been implementing an approved Compliance Plan to investigate and reduce I/I in the system. Investigations have shown that, due to I/I in the older sections of the system surcharging sometimes occurs in the Pleasant Run Interceptor during wet weather events. This surcharging causes flow to backup further upstream and keeps sewer flow from exiting the system effectively. The Western Regional Interceptor project involves adding an additional interceptor on the western side of Greenwoods Wastewater System. The interceptor project consists of gravity sewers, providing the greatest benefit to the City, and lowering operation and maintenance costs, by the abandonment of several lift stations in White River Township. The abandoned lift stations will be converted to flow-through manholes, and two force mains will be rerouted to connect into the proposed system. One of these force mains is the proposed 24-inch diameter force main from the existing Lone Pine Farms Lift Station, which will be connected to the El Dorado lift station wetwell, which will be converted into a flow-through manhole. The second is the existing 8-inch diameter force main from the Wakefield lift station on Smith Valley Road, which will be rerouted to the proposed interceptor. The project also includes connecting to the Citizens Energy Group existing South Marion County Regional Interceptor and the installation of a flow meter. This project will relieve the flows in the already congested Pleasant Run Interceptor by redirecting the flow from the lift stations in White River Township to the new interceptor, thus greatly reducing the potential for backups and overflows in the Pleasant Run Interceptor and older downtown areas. Additionally, the project will allow for service to the proposed I-69 corridor, provide service to existing developments which currently do not have a service available and/or have failing septic systems, allow for continued development in the project area, and ultimately correct the imbalance of wastewater flows in the system. By rehabilitating existing sewers at the end of their useful life, the project has received a 35-year loan term through the Indiana Extended Term Financing program. The project meets Green Project Reserve criteria by converting lift stations to manholes and making the system more energy efficient.			

WIFIA Participant: Evansville		Clean Water	
Loan Closing Date:	12/4/2018	Loan Amount A:	\$ 35,020,000
		Loan Amount B:	\$ 72,335,000
Affected Population:	117,429	NIMS Categories: CSO Correction: \$107,355,000	
Loan Term Loan A:	20 years		
Loan Term Loan B:	35 years		
Estimated Substantial Completion:	July 2021		
Environmental Benefits: The project will design a project meant to reduce combined sewer overflows to the Ohio River which is listed for high levels of <i>E. coli</i> and dioxins. The project area is the subject of the ORSANCO Ohio River Bacteria TMDL and the Ohio River Dioxin TMDL.			
Project Description:			
The City of Evansville is under federal order (Consent Decree) by the US Department of Justice that requires Evansville Water and Sewer Utility to develop and implement an Integrated Overflow Control Plan (IOCP). The IOCP establishes specific projects and schedules, including ten individual control measures that will dramatically reduce the number of combined sewer overflows that occur. The proposed project consists of:			
East Wastewater Treatment Plant Effluent Pump Station - The East Wastewater Treatment Plant effluent pump station project will construct a 40 MGD East Wastewater Treatment Plant effluent pump station at Sunrise Park, associated conveyance piping and structures, cascade outfall, cured-in-place pipe lining and slip in place pipe lining of existing conveyance piping, electrical power distribution, and associated site landscaping and restoration work.			
West Wastewater Treatment Plant Improvements and Storage Basin - The West Wastewater Treatment Plant improvements project will increase the peak flow capacity to 45 MGD and includes influent pump station improvements, new grit removal and handling facilities, an expansion of the existing biological aerated filtration (BAF) system, a BAF laboratory expansion, the addition of a chemical phosphorous removal system, a new ultraviolet disinfection facility, a new high-pressure plant water pump station, main building renovations, tunnel crack repair, effluent yard piping, site work, and plant electrical improvements.			
The Wastewater Treatment Plant storage basin project includes a 6.1 MGD storage basin located at the West Plant site, screens and wet weather diversion to serve both the storage basin and the West Plant, influent yard piping, relocation of existing drainage piping, and a new entry way to the West Plant.			
East Wastewater Treatment Plant Equipment Purchase - The project also includes the acquisition of equipment required for the upcoming east wastewater treatment plant expansion project. Equipment to be purchased includes stop gate frames and plates, precast trench covers, screens, air grids, media, nozzles, gates, site glasses, manways, pressure and sample ports, air compressors, valves, blowers, pumps, and instrumentation equipment.			
The purpose for these projects is to address the requirements of Evansville’s Consent Decree with the Indiana Department of Environmental Management and the Environmental Protection Agency, as well as the Utility’s Sanitary Master Plan. The Consent Decree requires the Utility to develop and implement an Integrated Overflow Control Plan to address sewer system overflows and to develop and implement measures to properly operate and maintain the sewer systems and Wastewater Treatment Plant. By modifying influent pumps the project results in a more energy efficient system and meets Green Project Reserve criteria. This project for compliance with Long Term Control Plan requirements meets the policy guidelines of the Indiana Extended Term Program and Useful Life analysis has proven the project components have a useful life longer than the 35-year loan term.			

WIFIA Participant: Delphi		Drinking Water	
Loan Closing Date:	12/12/2018	Loan Amount:	\$ 7,420,000
Affected Population:	3,200	NIMS Categories:	
Loan Term:	35 years	Treatment:	\$ 964,600
Estimated Substantial Completion: Jul 2021		Transmission & Distribution:	\$ 1,130,000
		Source:	\$ 445,200
		Storage:	\$ 4,897,200
<p>This Project:</p> <p>Assists a noncompliant system to achieve compliance with the Safe Drinking Water Act.</p> <p>Project Description:</p> <p>The City of Delphi must increase the firm capacity of its water system due to decreasing water levels in the existing aquifer, as a result of adjacent mining operations. In addition the presence of high levels of hydrogen sulfide in two of the production wells provide distasteful sulfur smelling water and are not currently used unless there is high demand or emergency. The City only has the ability to maintain its current level of service and cannot take its existing water storage tanks out of service in order to perform necessary maintenance and the system continues to have a shortage of sufficient water supply.</p> <p>The Capital Drinking Water Improvements Phase I project includes:</p> <ul style="list-style-type: none"> • Construction of new Well 7 and associated water main, • Construction of a new water storage tank, • Construction of a new booster station, • Installation of hydrogen sulfide removal equipment, and • Installation of water main from existing Well 3 to existing Well 5. <p>The project will result in additional capacity, remove secondary contaminants, and install additional water storage to allow for rehabilitation of the system's existing storage tanks. By rehabilitating existing infrastructure that is past useful life, this project received a 35-year term through the Indiana Extended Term Financing program.</p>			

WIFIA Participant: Crown Point		Drinking Water	
Loan Closing Date:	12/14/2018	Loan Amount:	\$ 9,181,383
Affected Population:	30,000	NIMS Categories: Transmission & Distribution: \$ 4,498,877 Storage: \$ 4,682,506	
Loan Term:	20 years		
Estimated Substantial Completion:	Mar 2020		
This Project: Assists a compliant system to maintain compliance with the Safe Drinking Water Act.			
Project Description:		 New Concrete Tank	
Three of the City of Crown Point’s existing water tanks are in need if rehabilitation but are integral components in the distribution system and currently cannot be taken offline. Additionally, the City is in need of additional storage in the distribution system. In the distribution system, the existing pumping station at 96th Street needs pumps with higher energy and operation efficiencies. The distribution system includes dead ends that cause stagnation, low pressure areas, and inconsistent chlorine residual levels. The system also has three identified Isolated System Areas with limited supply lines. The older areas of the City are also at higher risk of lead/copper components, and breaking infrastructure.			
The project will rehabilitate five existing water storage tanks, construct two additional water storage tanks to add 4 MG of storage to the system, install mechanical mixers to two storage tanks, construct two new booster stations and upgrade two existing booster stations, install four chlorine dosing stations, install new water main/ upsize water main in areas to loop dead ends in the distribution system solve the problems in Isolated System Areas.			
The proposed improvements to the existing drinking water system provide Crown Point with water that is of adequate quantity and pressure, improving both reliability and efficiency in the system. By including and documenting green components in this project, Crown Point is eligible for the Indiana Green Project Reserve incentive program.			

WIFIA Participant: Walkerton		Drinking Water	
Loan Closing Date:	12/20/2018	Loan Amount and Additional Subsidy: \$ 7,184,000	
Affected Population:	2,262	NIMS Categories:	
Loan Term:	20 years	Treatment:	\$ 5,316,160
		Transmission & Distribution:	\$ 1,580,480
Estimated Substantial Completion:	June 2020	Source:	\$ 287,360
<p>This Project:</p> <p>Assists a compliant system to maintain compliance with the Safe Drinking Water Act.</p> <p>Project Description:</p> <p>The Town of Walkerton's existing filtration facility and productions wells were commissioned in the late 1950s and early 1960s. Other than necessary maintenance associated works, no major upgrades, and/or improvements have occurred in that time. IDEM's inspection of the Town's filtration facility has noted concerns, which are mostly related to age of the facility.</p> <p>The Walkerton Water Filtration Facility Project includes:</p> <ul style="list-style-type: none"> • Construction of a new gravity filtration plant at the North Industrial Park, • Extension and amendments to raw water main from existing wells to the new water plant, • Installation of updated telemetry monitoring for the existing water towers and SCADA to automate operation of the facility, • Construction of a new well and associated water main, • Upsizing water main along US Highway, and Washington Street, and • Installation of new water main to connect a current dead end main on Harrison Street to the existing water main on US Highway. <p>The proposed project will improve water service and reliability to the customers. Upsizing the water mains will improve distribution system performance. The town's water supply and treatment facilities have been in continuous service since the early to mid-1960s, and are in need of replacement. Updates for SCADA are recommended for the storage facilities and wells, which will allow for remote monitoring and/or control of the facilities.</p> <p>The Town of Walkerton meets the Indiana definition of a disadvantaged community because the Town's current rates exceed \$45.00 per month and the Town has an average annual residential post project user rate that would exceed one-percent of the Participant's Median Household Income. Therefore Walkerton received additional subsidization on their project, to avoid increases in local rates</p>			

WIFIA Participant: Greensburg		Drinking Water	
Loan Closing Date:	6/11/2019	Loan Amount:	\$ 22,715,000
Affected Population:	12,000	NIMS Categories: Treatment:	\$ 22,715,000
Loan Term:	20 years		
Estimated Substantial Completion:	Dec 2021		
This Project: Assists a compliant system to maintain compliance with the Safe Drinking Water Act.			
Project Description: Greensburg operates two existing surface water treatment plants, both are in poor condition and are in need of rehabilitation or replacement to continue to provide safe, reliable drinking water through the 20-year planning period. In addition, the existing surface water treatment plants have a lack of redundancy, inadequate chemical feed facilities and near- and long-term capacity concerns. The project includes the construction of a new surface water treatment plant including two rapid mix structures, two solids contact clarifiers, eight gravity filters, four high service pumps, and a finished water storage tank. Chemical feed facilities are proposed to include powder activated carbon, coagulant (alum), sodium hypochlorite and fluoride. A new treatment building is proposed to house the filters and chemical feed facilities. The new surface water treatment plant is proposed to be constructed while the existing treatment plants remain in service. Once the proposed surface water treatment plant is completed, accepted, placed into service, and operated for a period of time, then the existing surface water treatment plants will be decommissioned and demolished. The proposed project will ensure safe drinking water for the future and allow flexibility in addressing the needs of Greensburg.			

WIFIA Participant: CWA Authority, Inc. 2		Clean Water	
Loan Closing Date:	10/15/2019	Loan Amount:	\$180,654,974
Affected Population:	820,445	NIMS Categories: CSO Correction:	\$180,654,974
Loan Term:	30 years		
Estimated Substantial Completion:	March 2021		
Environmental Benefits: The project will reduce combined sewer events to White River which is listed for high levels of <i>E. coli</i> and impaired biotic communities and will allow Citizens Water Authority to meet the requirements of their long term control plan. The project area is the subject to the West Fork White River Watershed <i>E. coli</i> Total Maximum Daily Load Report (TMDL).			
Project Description: CWA Authority, Inc. is continuing the DigIndy project as part of the City of Indianapolis’ Long Term Control Plan and federally-mandated Consent Decree. The tunnel system will reduce the amount of combined sewer overflow contaminants discharged into Marion County waterways. This phase of the DigIndy includes the following specific projects:			
<ul style="list-style-type: none">• The White River Deep Rock Tunnel includes the construction of approximately 6 miles of 18 foot finished diameter tunnel located 200 to 250 feet underground; approximately 8 each of: drop shafts, vent shafts, deaeration chambers, adits, approach channels, screen and gate structures, and diversion structures; and approximately 5,000 feet of 42 inch to 108 inch diameter consolidation sewers, manholes and appurtenances.• The Lower Pogues Run Deep Rock Tunnel includes the construction of approximately 2 miles of 18-foot finished diameter tunnel located 200 to 250 feet underground; approximately 2 each of: drop shafts, vent shafts, deaeration chambers, adits, approach channels, screen and gate structures, and diversion structures; and approximately 1,500 feet of 72-inch to 144 inch diameter consolidation sewers, manholes and appurtenances.• The Pleasant Run Deep Rock Tunnel includes the construction of approximately 7 miles of 18-foot finished diameter tunnel located 200 to 250 feet underground; approximately 10 each of drop shafts, vent shafts, deaeration chambers, adits approach channels, screen and gate structures, and diversion structures; one intermediate working shaft; one tunnel retrieval shaft; and approximately 20,000 feet of 24 inch to 72 inch diameter consolidation sewers, manholes and appurtenances.• Upper Pogues Run CSO Abatement project will capture and store wet weather flow from the existing sewer system and reduce the volume of combined sewer overflow from nine existing CSO outfalls sent to the Upper Pogues Run waterway.• The Upper Pogues Run CSO Abatement project includes the construction of the Brookside Park storage Tank, which includes a new 2 million gallon deep shaft-style slurry wall and shotcrete storage tank, equipment building, diversion structure, consolidation sewers, dewatering pump stations and force main piping in the Brookside Park project area.• The Forest Manor Park Storage Tank project includes the equipment building, diversion structure, appurtenances, and associated piping and pumping for the Forest Manor Park project area.• The Madison Ave sewer extension will modify the existing combined sewer system along Madison Avenue in downtown Indianapolis. The project will allow one of the previously proposed drop shafts along the Lower Pogues Run segment of the DigIndy tunnel system to be eliminated while still achieving the level of control required in the Consent Decree: Includes increase weir elevation within two existing structures; install connection sewer and cap and abandon existing sanitary sewer.			
Due to value engineering and optimization storage capacity has increased resulting in 99% full system capture and a maximum of 2.6 overflow events per year per watershed on the average. Therefore, the DigIndy Tunnel Program qualifies as a Climate and Extreme Weather Resiliency green project based on its design to perform beyond the minimum design standards in anticipation of climate change. This project improves failing infrastructure and has a useful life sufficient to meet the policy guidelines of the Indiana Extended Term Program and qualifies for a loan term of 30 years.			

WIFIA Participant: Evansville		Clean Water	
Loan Closing Date:	12/27/2019	Loan Amount:	\$ 75,000,000
Affected Population:	117,429	NIMS Categories: CSO Correct:	\$ 75,000,000
Loan Term:	20 years		
Estimated Substantial Completion:	June 2022		
Environmental Benefits: The project allows the system to achieve compliance. The project will reduce failing combined sewer overflow events to Pigeon Creek and the Ohio River. The Ohio River is noted for high levels of <i>E. coli</i> on the Indiana 303(d) list and is the subject of the ORSANCO Ohio River TMDL.			
Project Description: Evansville’s consent decree with the U.S. Environmental Protection Agency and the Indiana Department of Environmental Management requires Evansville Water and Sewer Utility to develop and implement an Integrated Overflow Control Plan (IOCP). The IOCP establishes specific projects and schedules, including ten individual control measures that will dramatically reduce the number of combined sewer overflows that occur. The East WWTP Capacity Upgrades Phase 2 project is a component of Control Measure #2, which includes increasing the peak flow capacity of the East WWTP to 40 MGD which the East WWTP secondary treatment process and disinfection system need to be expanded. The following components are included in the East WWTP Capacity Upgrades Phase 2 and WWTP Effluent Pump Station work: <ul style="list-style-type: none">• Biological Aerated Filter (BAF) addition, including eight new BAF tanks, BAF equipment, piping, influent pump station, backwash tank, blowers, building, electrical and instrumentation;• Ultraviolet disinfection addition within the existing south chlorine contact tank, including three channels, Ultraviolet equipment, baffles, weirs, electrical and instrumentation;• Primary sludge dewatering and thickening addition, including primary sludge pumps, vortex grit separators, grit classifier, drum thickeners, thickened sludge pumps, building, odor control system, electrical and instrumentation;• Sidestream equalization addition, including new tank, piping, pumping and instrumentation;• Electrical system improvements, including new electrical service, building, main switchgear, secondary switchgear and transformers;• MLSS structure addition, including three mixed liquor channels with mixing, gates, and piping;• Effluent pipe improvements, including CIPP lining, new structure and replacement piping; and• Hydraulic improvements, including replace raw wastewater force main and meter, modify primary influent structure, raise primary clarifier 1 and 2 effluent weirs and equipment, and upsize aeration influent piping.• WWTP Effluent Pump Station – Construction of a 40 MGD East WWTP effluent pump station at Sunrise Park, associated conveyance piping and structures, cascade outfall, cured-in-place pipe lining and slip in place pipe lining of existing conveyance piping, electrical power distribution, and associated site restoration work. The purpose for these projects is to address the requirements of Evansville’s Consent Decree with the Indiana Department of Environmental Management and the Environmental Protection Agency, as well as the Utility’s Sanitary Master Plan. The Consent Decree requires the Utility to implement an IOCP to address sewer system overflows and to develop and implement measures to properly operate and maintain the sewer systems and wastewater treatment plant.			

WIFIA Participant: Crown Point		Drinking Water	
Loan Closing Date:	11/1/2019	Loan Amount:	\$ 6,626,400
Affected Population:	30,000	NIMS Categories:	
Loan Term:	20 years	Treatment	\$ 826,730
Estimated Substantial Completion:	Jan 2021	Transmission & Distribution:	\$ 1,226,400
		Storage:	\$ 4,573,270
This Project: Assists a compliant system to maintain compliance.			
Project Description:			
<p>The City of Crown Point was facing issues throughout the distribution system including insufficient storage, lack of ice prevention in current storage, inefficiencies at the pumping station at 96th street, dead ends in the system leading to lower water quality, areas with water main too small to meet fire flow capacity, isolated areas with limited supply lines, and older areas of the city with service lines that likely contain lead or copper.</p> <p>To correct these issues the City is implementing a project which includes the following improvements to storage, treatment, and distribution systems:</p> <ul style="list-style-type: none">• Upsizing of water main identified as undersized;• Installation of new water main to eliminate dead ends in the distribution system;• Replacement of lead/copper service lines in the project areas;• Replacement of all associated hydrants, valves, sampling stations and related appurtenances to water main projects;• Rehabilitation of five existing water storage tanks;• Installation of mechanical mixers in water storage tanks;• Installation of chloramination stations at two water storage tanks;• Construction of a new 3.0 MG water storage tank, and a new 1.0 MG water storage tank;• Upgrades to existing booster stations, installation of twenty sampling stations;• Construction of a new booster station at Ellendale Farms;• Construction of one water fill station. <p>The purpose of this project is to increase the reliability of the City’s water system by replacing lead lines, increasing pressure, preventing freezing and generally providing increased efficiency and redundancy of the water system for the customers of the City of Crown Point.</p>			

WIFIA Participant: Delphi		Drinking Water	
Loan Closing Date:	12/20/2019	Loan Amount:	\$ 7,225,000
Affected Population:	3,200	NIMS Categories:	
Loan Term:	20 years	Transmission & Distribution:	\$ 2,943,968
Estimated Substantial Completion:	June 2021	Storage:	\$ 4,281,032
<p>This Project: Assists a compliant system to maintain compliance.</p> <p>Project Description:</p> <p>The City of Delphi was in need of increased firm capacity to meet the demands of users. The City only has the ability to maintain its current level of service and cannot take its existing water storage tanks out of service in order to perform necessary maintenance and repairs.</p> <p>Phase II of the City of Delphi's Capital Drinking Water Improvements project includes the installation of approximately 6,100 feet of transmission water main ("Prince William Loop"); the construction of a new booster station ("Armory Road"), with three (3) medium pressure zone pumps with a capacity of 400 gallon per minutes each and two (2) high pressure zone pumps with a capacity of 800 gallons per minute each; the construction of a new 750,000 gallon ground water storage tank; and the rehabilitation of the existing Armory Road Ground Storage Tank and the existing Hill Top and Deer Creek elevated storage tanks, which includes restoration of coatings and repairs to structural deficiencies.</p> <p>The project will add redundancies in the system that will allow the City to rehabilitate their water storage tanks, protect the distribution system and continue to provide safe service to customers.</p>			

WIFIA Participant: Greenwood		Clean Water	
Loan Closing Date:	3/31/2020	Loan Amount:	\$ 36,158,000
Affected Population:	49,791	NIMS Categories:	
Loan Term:	35 years	Advanced Treatment:	\$ 8,411,562
Estimated Substantial Completion:	June 2022	Sewer System Rehabilitation:	\$ 1,350,130
		New Interceptor:	\$ 26,396,308
Environmental Benefits: The project allows the system to achieve compliance with current requirements. The project improves Honey Creek, Turkey Pen Creek and West Fork White River. The West Fork White River is listed for high levels of <i>E. coli</i> and free cyanide on the Indiana 303(d) list. The project area is the subject of the West Fork White River-Owen County Tributary Watershed <i>E. coli</i> TMDL.			
Project Description:			
The City of Greenwood was in need of a new interceptor sewer in White River Township to serve the following needs: 1) Retire approximately 10 lift stations that had operational issues and were subject to power outages causing potential backups to users; 2) redirect wastewater flow from the Pleasant Run Creek interceptor which was at or above capacity to reduce surcharging and sanitary sewer overflows; and 3) Provide additional capacity for existing unsewered customers and to allow growth for planned developments in White River Township.			
Phase II of the Western Regional Interceptor project involves continued work on the installation of an additional interceptor on the western side of Greenwood’s Wastewater System. The interceptor project consists of gravity sewers, providing the greatest benefit to the City and lowering operation and maintenance costs by the abandonment of several lift stations in White River Township. The abandoned lift stations will be converted to flow-through manholes, and two force mains will be rerouted to connect into the proposed system. One of these force mains is the proposed 24 inch diameter force main from the existing Lone Pine Farms Lift Station, which will be connected to the El Dorado lift station wetwell, which will be converted into a flow-through manhole. The second is the existing 8 inch diameter force main from the Wakefield lift station on Smith Valley Road, which will be rerouted to the proposed interceptor. Major system components include:			
<ul style="list-style-type: none">• Approximately 50,000 feet of gravity sanitary sewer, ranging in size from 8- to 60-inch diameter;• Approximately 10,000 feet of 24-inch diameter force main;• Stream and creek crossings to be constructed via open trenching method, including Pleasant Run Creek crossing consisting of two (2) parallel 42-inch diameter pipes;• Conversion of ten (10) existing lift stations to manhole structures to be connected to the new gravity sewers;• Connection to Citizens Energy Group’s (CEG) existing 102-inch diameter South Marion County Regional Interceptor (SMCRI); and• Installation of a flow meter in a manhole on the 60-inch diameter interceptor.			
This project relieves flows in the already congested Pleasant Run Interceptor by redirecting the flow from the lift stations in White River Township to the new interceptor, thus greatly reducing the potential for backups and overflows in the Pleasant Run Interceptor and older downtown areas. Additionally, the project will allow for service to the proposed I-69 corridor, provide service to existing developments which currently do not have a service available and/or have failing septic systems, allow for continued development in the project area, and ultimately correct the imbalance of wastewater flows in the system.			

Indiana Water Infrastructure and Innovation Act Program

Exhibit B-2

Summary of Closed Loans Selected for additional security to WIFIA Funding¹


Borrower	Project Type	Project Name	Loan Amount	Loan Term	Population
Montpelier	WW	LTCP Compliance	3,434,000	20	1,805
Montpelier	WW	LTCP Compliance	1,722,000	25	1,805
Fort Wayne	DW	System Improvements	7,500,000	30	250,000
Watson Water Company, Inc.	DW	System Improvements	1,060,000	20	15,750
Bargersville	DW	System Improvements	621,107	20	29,748
Paragon	WW	Permit Compliance	618,600	20	659
Bunker Hill	WW	Permit Compliance	1,491,000	20	888
Chesterton	WW	Discharge Compliance	209,000	20	13,068
St. Joseph County RWSD	WW	Failing Septic Tank Elimination	200,000	20	10,614
Luce Township RSD	WW	Failing Septic Tank Elimination	1,297,000	20	2,000
Tipton	WW	LTCP Compliance	6,200,000	35	5,106
Total: \$ 24,352,707					

1. These projects were not included in the February 2018 Environmental Assessment/ Finding of No Significant Impact for the Indiana WIFIA application. However, the projects were subject to the Indiana State Revolving Fund, NEPA-like State Environmental Review Process (SERP).

Summary of Loans Closed Selected for WIFIA Additional Assurance
Exhibit B-2 - Project Descriptions

WIFIA Participant: Montpelier		Clean Water		
Loan Closing Date:	6/19/2019	CWSRF Loan Amount A:	\$ 1,722,000	
		CWSRF Loan Amount B:	\$ 3,434,000	
Affected Population:	1,805	NIMS Categories:		
Loan Term A:	25 years			
Loan Term B:	20 years		Advanced Treatment:	\$ 3,434,000
Estimated Substantial Completion:	June 2021		Inflow/ Infiltration:	\$ 1,722,000
Environmental Benefits: The system is currently meeting requirements. The project will protect Lower Salamonie River, which is currently meeting standards. The project area is the subject of the Lower Salamonie River Watershed Management Plan.				
Project Description: The City of Montpelier WWTP operates a combined sewer system. The system has significant levels of I/I at existing overflow control structures as well as in the main interceptor line to the WWTP. The current treatment facility does not have a disinfection treatment process and the existing combined sewer overflow structures lack the ability to accurately meter flow or prevent backflow to the Salamonie River. These issues have led to the City entering into an Agreed Order with IDEM. To correct these issues the Phase I of the Montpelier Long Term Control Plan includes:				
<ul style="list-style-type: none">• Rehabilitation of approximately 5,100 lineal feet of 15 inch diameter interceptor by Cured in Place Piping (CIPP);• Raising and lining approximately 25 manholes;• Installing approximately 2,500 lineal feet of new force main from the West Henderson Street (Standard Oil) Lift Station to the WWTP headworks;• Improvements at the combined sewer overflow (CSO) outfalls including replacement of the tide gate valves and flow meters and installation of a SCADA control system;• Construction of improvements at the Wastewater Treatment Plant (WWTP) including:<ul style="list-style-type: none">○ The installation of new chlorine gas disinfection system and sulphur dioxide dechlorination facilities;○ Modifications to the influent piping into both lagoons;○ Dredging of both lagoons to allow for the influent pipe modifications;○ Upgrade of the Headworks Lift Station to allow for a peak pumping capacity of 1 MGD. The improvements include a larger wet well, installation of 2 new pumps, a new emergency backup generator, and installation of a SCADA control system.				
The proposed project will allow the City to return to compliance in accordance with the Agreed Order. The existing CSO structures currently lack the ability to accurately meter flow as well as prevent backflow from the Salamonie River. The proposed project will also improve the existing WWTP and rerate the existing lagoons.				
This project is for compliance with Long Term Control Plan requirements and therefore portions of the project received a 25-year loan term through the Indiana Extended Term Program. By installing energy efficient variable frequency drives, this project also meets Green Project Reserve criteria.				

WIFIA Participant: Fort Wayne		Drinking Water	
DWSRF Loan Closed:	August 8, 2019	DWSRF Traditional Loan A:	\$ 7,500,000
Affected Population:	250,000	NIMS Categories: Transmission & Distribution: \$ 7,500,000	
Loan Term A:	30 years		
Estimated Substantial Completion: August 2021			
This Project: Provides citizens with reliable drinking water supply, not compliance related.			
Project Description: The City of Fort Wayne operated a large, aging system. Elevated storage tanks have been inspected and found in need of rehabilitation, they distribution system is in need of looping to improve water pressure, and blending is required to reduce secondary contaminate concerns. Additionally, the distribution system includes lead service lines to existing homes that the city wishes to remove to protect public health. <ul style="list-style-type: none">• Improvements at the three Rivers Filtration Plant and the St. Joe dam facilities to replace equipment at the end of its useful life and provide imperative upgrades to the existing equipment and systems to improve operations and increase efficiency,• Installation of a lime sludge force main to convey lime sludge to the bio-solids facility and relocate water main in conflict with the new lime sludge force main,• Removal of 1,381 lead service lines,• Replacement of miles water main and associated valves and hydrants. This project includes some century-old water main, installed in the 1920s,• Installation of water pipe to loop the distribution system in three areas,• Rehabilitation of the West Tank and the Southwest Tank,• Installation of two new groundwater wells,• Inspection, cleaning, televising, and rehabilitation of the two raw water mains and associated valves that supply water from the St Joe Dam to the Three River Filtration Plant. The project will improve operations throughout the Fort Wayne water system by removing aging infrastructure, eliminating potential sources of lead in the distribution system, improving water pressure and quality by removing dead-ends in the system, maintain storage capacities, create a source to allow for groundwater blending with the current surface water supply at times when taste and odor concerns require attention.			

WIFIA Participant:	Watson Water Co.	Drinking Water	
Loan Closing Date:	12/12/2018	Loan Amount:	\$ 1,060,000
Affected Population:	15,750	NIMS Categories: Transmission & Distribution: \$ 1,060,000	
Loan Term:	20 years		
Estimated Substantial Completion: Oct 2019			
Environmental Benefit: Increase System Efficiency and Reliability			
Project Description:			
<p>The Watson Rural Water Company Inc. serves residential, commercial and industrial customers within the Town of Utica, the unincorporated community of Watson and portions of Charlestown, Jeffersonville, and Utica Township. Many system components, including wells, storage, and transmission lines are reaching the end of useful life and in need of rehabilitation.</p> <p>The project is necessary to meet required capacity of the service area.</p> <p>The water system improvements projects includes:</p> <ul style="list-style-type: none">• Installation of transmission main to serve an existing elevated storage tank,• Installation of a new booster pump, to provide adequate pressure to pump water purchased from Indiana American Water into an existing elevated storage tank,• Installation of water main along Salem Nobel and High Jackson Roads,• Installation of new water main to improve service in the Town of Utica, <p>The project is needed to provide adequate supply, and distribution of potable water to existing and future customers of the Watson Rural Water Company. During periods of peak usage, the system could experience low tank levels and line pressures, which cause a potential risk to public health if the projects were not constructed. The projects will also replace existing facilities that are nearing the end of their useful life. By rehabilitating existing infrastructure that is past useful life, this project received a 35-year term through the Indiana Extended Term Financing program.</p>		 <p>Existing Storage Tank</p>	

WIFIA Participant:	Bargersville	Drinking Water	
Loan Closing Date:	11/9/2007	Loan Amount:	\$ 621,107
Affected Population:	29,748	NIMS Categories: New Collector Sewers:	\$ 621,107
Loan Term:	20 years		
Project Substantially Complete:	9/26/2008		
Environmental Benefit: Increase System Efficiency and Reliability			
Project Description: The project provided sanitary sewer service to the Tremont Subdivision, containing failing septic systems which have exceeded their useful life and need replacement. A church located between Tremont Drive and State Road 135 on the north side of County Road 600 N was also be served. The Project installed 4,400 feet of 8-inch PVC sanitary sewer, 26 manholes, 2 grinder pumps on two properties and 41 service connections.			

WIFIA Participant:	Paragon	Clean Water	
Loan Closing Date:	6/27/2012	Loan Amount:	\$ 618,600
Affected Population:	659	NIMS Categories: Advanced Treatment: \$ 389,350 Infiltration/ Inflow: \$ 229,250	
Loan Term:	20 years		
Project Substantially Complete:	6/27/2012		
Environmental Benefit: Discharge Compliance			
Project Description: Project consists of refunding the Town of Paragon’s outstanding Sewage Works Revenue Bonds of 2012. The Original project was to improve the Town’s collection system and wastewater treatment plant to meet current capacity, alleviate hydraulic overloading at the plant and improve inflow and infiltration issues throughout the collection system.			

WIFIA Participant:	Bunker Hill	Clean Water
Loan Closing Date:	6/17/2014	Loan Amount: \$ 1,491,000
Affected Population:	888	NIMS Categories: Advanced Treatment: \$ 1,491,000
Loan Term:	20 years	
Project Substantially Complete:	6/17/2014	
Environmental Benefit: Discharge Compliance		
Project Description: To refund the Political Subdivision’s Sewage Works Revenue Bonds, Series 2005, including accrued interest as of June 17, 2014 and to refund, the Political Subdivision’s Sewage Works Revenue Bonds, Series 2007 The Original project was to complete improvements at the Bunker Hill WWTP to replace aging components and improve operations.		

WIFIA Participant:	St. Joseph RWSD	Clean Water
Loan Closing Date:	1/26/2017	Loan Amount: \$ 200,000
Affected Population:	10,614	NIMS Categories: New Collector Sewers: \$ 200,000
Loan Term:	20 years	
Estimated Substantial Completion:	1/27/2017	
Environmental Benefit: Failing Septic Tank Elimination		
Project Description: To refund the Political Subdivision’s obligations in connection with Granger Sub-District No. 1 Area Sewage Works Refunding Bond Anticipation Note of 2013. The original project eliminated failing septic systems in the Granger sub district by installing a low pressure sanitary sewer system, lift station and force main to extend service to Elkhart, Indiana.		

WIFIA Participant:	Chesterton	Clean Water
Loan Closing Date:	7/27/2015	Loan Amount: \$ 209,000
Affected Population:	13,068	NIMS Categories: New Collector Sewers: \$ 209,000
Loan Term:	20 years	
Project Substantially Complete:	8/10/2016	
Environmental Benefits: Project allows Fox Chase Farms to achieve compliance and meet the goals of the Little Calumet River Total Maximum Daily Load Report (TMDL) and the Coffee Creek Watershed Management Plan (WMP).		
Project Description: The existing Fox Chase Farms septic/cluster treatment and collection system and Whispering Sands extended aeration treatment facility are aged and problematic and have experienced a number of failures resulting in environmental degradation. The proposed Meridian Road Wastewater Collection and Transport System includes: <ul style="list-style-type: none">• 400 gpm lift station;• Approximately 7,400 LF 8-inch diameter force main with associated air release valves;• Approximately 550 LF 8-inch diameter gravity sewer with associated manholes; and• 2 through 4-inch diameter low pressure sewers with associated valves, curb stops and cleanouts. The purpose of the proposed project is to abandon the Fox Chase Farms septic/cluster treatment and collection system, and decommission the failing Whispering Sands extended aeration treatment facility. The new collection and transport system will discharge to the Town of Chesterton for treatment. The Whispering Sands portion of the project will be completed utilizing local funds.		

WIFIA Participant:	St. Joseph RWSD	Clean Water
Loan Closing Date:	1/26/2017	Loan Amount: \$ 200,000
Affected Population:	10,614	NIMS Categories: New Collector Sewers: \$ 200,000
Loan Term:	20 years	
Estimated Substantial Completion:	1/27/2017	
Environmental Benefit: Failing Septic Tank Elimination		
Project Description: To refund the Political Subdivision’s obligations in connection with Granger Sub-District No. 1 Area Sewage Works Refunding Bond Anticipation Note of 2013. The original project eliminated failing septic systems in the Granger sub district by installing a low pressure sanitary sewer system, lift station and force main to extend service to Elkhart, Indiana.		

WIFIA Participant:	Luce Township RSD	Clean Water
Loan Closing Date:	4/2/2018	Loan Amount: \$ 1,297,000
Affected Population:	2,000	NIMS Categories: New Collector Sewers: \$ 1,297,000
Loan Term:	20 years	
Project Substantially Complete:	4/2/2018	
Environmental Benefit: Failing Septic Tank Elimination		
Project Description: The Loan refunded and refinanced the 2010 Bonds issued to Luce Township. The original project extended sewers to the unsewered communities of Richland City, Hatfield, Eureka, and the French Island Boat Club. Sewers will also be installed to serve the areas along State Road 66 from Hatfield to Sand Ridge, along State Road 161 from Richland City to State Road 66, and along County Road 850 W from Eureka to the Boat Club. Some homes and /or businesses will share a grinder pump unit. Wastewater treatment will be provided by the city of Rockport at its North Wastewater Treatment Plant.		

WIFIA Participant:	Tipton	Clean Water
Loan Closing Date:	11/27/2019	Loan Amount: \$ 6,200,000
Affected Population:	5,106	NIMS Categories: CSO Correction: \$ 6,200,000
Loan Term:	35 years	
Estimated Substantial Completion:	Sept 2020	
Environmental Benefits: The project allows the system to achieve compliance. The project will reduce failing combined sewer overflow events to Cicero Creek and protect Morse Reservoir. Cicero Creek is noted for high levels of <i>E. coli</i> on the Indiana 303(d) list and is the subject of the Cicero Creek Watershed <i>E. coli</i> TMDL and the Morse Reservoir-Cicero Creek WMP.		
Project Description: This project is designed to convey the majority of the flow from the remaining combined sewer overflows to the City’s existing wet weather treatment facility. Flows in excess of this capacity will be discharged from a CSO adjacent to the wastewater treatment plant. The system is designed to accommodate a future wet weather treatment facility if that capacity is necessary. The project also involves lining an existing interceptor sewer to reduce inflow and infiltration into the system. The project involves the construction of a large diameter interceptor sewer and associated diversion structures, rehabilitation work in the existing wastewater collection system and at the WWTP including the following: <ul style="list-style-type: none">• Construction of approximately 6,000 linear feet of 30 - 60 inch diameter new interceptor sewer installed along Cicero Creek;• Connecting sewers and new diversion structures to convey wet weather flows to the new interceptor sewer:<ul style="list-style-type: none">• Abandon and close CSO 008;• Combine CSO 004 and CSO 005 into one outfall;• Relocate CSO 002 along the new interceptor sewer;• Construct CSO 007 at the existing WWTP;• The lining of approximately 3,800 linear feet of existing 15 inch gravity sewer;• The conversion of an abandoned anaerobic digester at the WWTP to a wet weather storage facility and improvements to the Tipton WWTP;• The relocation of a water main across Cicero Creek; and• The relocation of the park restrooms force main. The purpose of this project is to alleviate CSO discharges into Cicero Creek during wet weather events and increase the wet weather flows reaching the WWTP for treatment prior to discharge into Cicero Creek. This will allow The City of Tipton to keep in compliance with regulations and meet the Long Term Control Plan goals and schedule.		

Exhibit C

Summary of Disbursements for Closed Loans

(as of June 30, 2020)

Borrower	Project Type	Project Name	Total Loan Amount	Total Amount Disbursed
CWA Authority, Inc. 1	WW	Dig Indy Tunnel System (2018-2021)	163,526,839	163,526,839
Evansville	WW	Long Term Control Plan Implementation Projects (2019-2022)	72,335,000	473,161
			235,861,839	164,000,000

Exhibit C
Summary of Disbursements for Closed Loans

TransactionID	MasterFundName	SubFundName	Amount	TransactionDate	ContractorName	ReqType	ReqText	CheckPaidDate
88223	Citizens Water Authority Construction Fund	CWA Construction Fund	8,918,979.00	7/21/2017	Debt Service Reserve	Debt Service Reserve	1001	7/21/2017
73543	Citizens Water Authority Construction Fund	CWA Construction Fund	193,275.00	7/21/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	1	7/21/2017
73546	Citizens Water Authority Construction Fund	CWA Construction Fund	5,425,688.00	7/21/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	2	7/21/2017
73594	Citizens Water Authority Construction Fund	CWA Construction Fund	18,411.00	7/27/2017	Soft Cost	Prof Services	3	8/3/2017
75650	Citizens Water Authority Construction Fund	CWA Construction Fund	1,260.00	11/9/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	4	11/16/2017
75651	Citizens Water Authority Construction Fund	CWA Construction Fund	51,038.00	11/9/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	5	11/16/2017
75659	Citizens Water Authority Construction Fund	CWA Construction Fund	39,019.00	11/9/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	7	11/16/2017
75649	Citizens Water Authority Construction Fund	CWA Construction Fund	1,387,743.00	11/9/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	4	11/16/2017
75658	Citizens Water Authority Construction Fund	CWA Construction Fund	5,429,240.00	11/9/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	6	11/16/2017
75660	Citizens Water Authority Construction Fund	CWA Construction Fund	1,961,333.00	11/9/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	7	11/16/2017
76844	Citizens Water Authority Construction Fund	CWA Construction Fund	6,022,125.00	11/16/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	8	11/22/2017
76856	Citizens Water Authority Construction Fund	CWA Construction Fund	7,921,460.00	11/16/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	8	11/22/2017
76853	Citizens Water Authority Construction Fund	CWA Construction Fund	1,613,250.00	11/16/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	8	11/22/2017
95388	Citizens Water Authority Construction Fund	CWA Construction Fund	1,349,162.00	11/16/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	8	11/22/2017
76850	Citizens Water Authority Construction Fund	CWA Construction Fund	2,004,098.00	11/16/2017	Shea-Kiewit Joint Venture (SK-JV)	Prof Services	8	11/22/2017
77965	Citizens Water Authority Construction Fund	CWA Construction Fund	31,973.00	11/9/2017	Soft Cost	Prof Services	9	12/5/2017
77323	Citizens Water Authority Construction Fund	CWA Construction Fund	44,869.00	12/7/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	10	12/14/2017
77322	Citizens Water Authority Construction Fund	CWA Construction Fund	2,349,255.00	12/7/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	10	12/14/2017
77328	Citizens Water Authority Construction Fund	CWA Construction Fund	279,450.00	12/7/2017	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	10	12/14/2017
77605	Citizens Water Authority Construction Fund	CWA Construction Fund	31,817.00	12/14/2017	Soft Cost	Prof Services	11	12/21/2017
77606	Citizens Water Authority Construction Fund	CWA Construction Fund	70.00	12/14/2017	Soft Cost	Prof Services	12	12/21/2017
77799	Citizens Water Authority Construction Fund	CWA Construction Fund	1,371,287.00	12/21/2017	Bowen Engineering Corporation	Contractor Payment	14	12/29/2017
77966	Citizens Water Authority Construction Fund	CWA Construction Fund	5,786,079.00	1/4/2018	Bowen Engineering Corporation	Contractor Payment	13	1/11/2018
77973	Citizens Water Authority Construction Fund	CWA Construction Fund	83,569.00	1/4/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	15	1/11/2018
77971	Citizens Water Authority Construction Fund	CWA Construction Fund	2,631,934.00	1/4/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	15	1/11/2018
77972	Citizens Water Authority Construction Fund	CWA Construction Fund	193,500.00	1/4/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	15	1/11/2018
78249	Citizens Water Authority Construction Fund	CWA Construction Fund	524,795.00	1/18/2018	Bowen Engineering Corporation	Contractor Payment	16	1/25/2018
78579	Citizens Water Authority Construction Fund	CWA Construction Fund	166,379.00	1/25/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	17	2/1/2018
78586	Citizens Water Authority Construction Fund	CWA Construction Fund	806,202.00	1/25/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	17	2/1/2018
78585	Citizens Water Authority Construction Fund	CWA Construction Fund	450,000.00	1/25/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	17	2/1/2018
81420	Citizens Water Authority Construction Fund	CWA Construction Fund	1,568,769.00	3/1/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	18	3/8/2018
81423	Citizens Water Authority Construction Fund	CWA Construction Fund	778,089.00	3/1/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	18	3/8/2018
81424	Citizens Water Authority Construction Fund	CWA Construction Fund	90,000.00	3/1/2018	Shea-Kiewit Joint Venture (SK-JV)	Prof Services	18	3/8/2018
81848	Citizens Water Authority Construction Fund	CWA Construction Fund	2,191,605.00	3/22/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	19	3/29/2018
81849	Citizens Water Authority Construction Fund	CWA Construction Fund	32,840.00	3/22/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	19	3/29/2018
81850	Citizens Water Authority Construction Fund	CWA Construction Fund	45,000.00	3/22/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	19	3/29/2018
83876	Citizens Water Authority Construction Fund	CWA Construction Fund	4,174,302.00	4/19/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	20	4/26/2018
83881	Citizens Water Authority Construction Fund	CWA Construction Fund	101,443.00	4/19/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	20	4/26/2018
83882	Citizens Water Authority Construction Fund	CWA Construction Fund	335,250.00	4/19/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	20	4/26/2018
84372	Citizens Water Authority Construction Fund	CWA Construction Fund	3,011,307.00	5/17/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	21	5/24/2018
84375	Citizens Water Authority Construction Fund	CWA Construction Fund	105,439.00	5/17/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	21	5/24/2018
84378	Citizens Water Authority Construction Fund	CWA Construction Fund	184,500.00	5/17/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	21	5/24/2018
84665	Citizens Water Authority Construction Fund	CWA Construction Fund	1,713,182.00	5/31/2018	Bowen Engineering Corporation	Contractor Payment	22	6/7/2018
85325	Citizens Water Authority Construction Fund	CWA Construction Fund	3,008,385.00	6/21/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	23	6/28/2018
85326	Citizens Water Authority Construction Fund	CWA Construction Fund	51,846.00	6/21/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	23	6/28/2018
85327	Citizens Water Authority Construction Fund	CWA Construction Fund	1,787,400.00	6/21/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	23	6/28/2018
85902	Citizens Water Authority Construction Fund	CWA Construction Fund	2,794,537.00	7/19/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	24	7/26/2018
85903	Citizens Water Authority Construction Fund	CWA Construction Fund	103,696.00	7/19/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	24	7/26/2018
85904	Citizens Water Authority Construction Fund	CWA Construction Fund	2,702,967.00	7/19/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	24	7/26/2018
86202	Citizens Water Authority Construction Fund	CWA Construction Fund	141,406.00	8/2/2018	Bowen Engineering Corporation	Contractor Payment	25	8/9/2018
86203	Citizens Water Authority Construction Fund	CWA Construction Fund	34,023.00	8/2/2018	Bowen Engineering Corporation	Contractor Payment	25	8/9/2018
87376	Citizens Water Authority Construction Fund	CWA Construction Fund	5,240,669.00	8/30/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	27	9/6/2018
87377	Citizens Water Authority Construction Fund	CWA Construction Fund	1,765,670.00	8/30/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	27	9/6/2018
87378	Citizens Water Authority Construction Fund	CWA Construction Fund	217,500.00	8/30/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	27	9/6/2018
87379	Citizens Water Authority Construction Fund	CWA Construction Fund	931,154.00	8/30/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	27	9/6/2018
87522	Citizens Water Authority Construction Fund	CWA Construction Fund	365,701.00	9/6/2018	Bowen Engineering Corporation	Contractor Payment	29	9/13/2018
87770	Citizens Water Authority Construction Fund	CWA Construction Fund	231,870.00	9/20/2018	Bowen Engineering Corporation	Contractor Payment	31	9/27/2018
87812	Citizens Water Authority Construction Fund	CWA Construction Fund	1,108,140.00	9/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	32	9/27/2018
87813	Citizens Water Authority Construction Fund	CWA Construction Fund	2,818,300.00	9/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	32	9/27/2018
87814	Citizens Water Authority Construction Fund	CWA Construction Fund	745,000.00	9/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	32	9/27/2018
87815	Citizens Water Authority Construction Fund	CWA Construction Fund	2,151,000.00	9/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	32	9/27/2018
88234	Citizens Water Authority Construction Fund	CWA Construction Fund	175,684.00	10/11/2018	AECOM	Prof Services	34	10/18/2018

TransactionID	MasterFundName	SubFundName	Amount	TransactionDate	ContractorName	ReqType	ReqText	CheckPaidDate
88235	Citizens Water Authority Construction Fund	CWA Construction Fund	65,771.00	10/11/2018	AECOM	Prof Services	34	10/18/2018
88236	Citizens Water Authority Construction Fund	CWA Construction Fund	6,000.00	10/11/2018	AECOM	Prof Services	34	10/18/2018
88237	Citizens Water Authority Construction Fund	CWA Construction Fund	68,902.00	10/11/2018	AECOM	Prof Services	34	10/18/2018
88238	Citizens Water Authority Construction Fund	CWA Construction Fund	30,074.00	10/11/2018	AECOM	Prof Services	34	10/18/2018
88251	Citizens Water Authority Construction Fund	CWA Construction Fund	3,724,925.00	10/11/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	35	10/18/2018
88248	Citizens Water Authority Construction Fund	CWA Construction Fund	246,750.00	10/11/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	35	10/18/2018
88249	Citizens Water Authority Construction Fund	CWA Construction Fund	1,388,600.00	10/11/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	35	10/18/2018
88250	Citizens Water Authority Construction Fund	CWA Construction Fund	2,244,998.00	10/11/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	35	10/18/2018
88409	Citizens Water Authority Construction Fund	CWA Construction Fund	365,922.00	10/18/2018	Bowen Engineering Corporation	Contractor Payment	36	10/25/2018
88774	Citizens Water Authority Construction Fund	CWA Construction Fund	174,173.00	11/1/2018	AECOM	Prof Services	37	11/8/2018
88775	Citizens Water Authority Construction Fund	CWA Construction Fund	70,500.00	11/1/2018	AECOM	Prof Services	37	11/8/2018
88776	Citizens Water Authority Construction Fund	CWA Construction Fund	10,000.00	11/1/2018	AECOM	Prof Services	37	11/8/2018
88777	Citizens Water Authority Construction Fund	CWA Construction Fund	62,806.00	11/1/2018	AECOM	Prof Services	37	11/8/2018
88778	Citizens Water Authority Construction Fund	CWA Construction Fund	21,034.00	11/1/2018	AECOM	Prof Services	37	11/8/2018
88779	Citizens Water Authority Construction Fund	CWA Construction Fund	91,323.00	11/1/2018	Bowen Engineering Corporation	Contractor Payment	38	11/8/2018
88761	Citizens Water Authority Construction Fund	CWA Construction Fund	2,826,509.00	11/1/2018	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	26	11/8/2018
88762	Citizens Water Authority Construction Fund	CWA Construction Fund	651,264.00	11/1/2018	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	28	11/8/2018
88763	Citizens Water Authority Construction Fund	CWA Construction Fund	655,461.00	11/1/2018	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	30	11/8/2018
88911	Citizens Water Authority Construction Fund	CWA Construction Fund	5,000.00	11/8/2018	Black & Veatch Corporation	Prof Services	33	11/15/2018
88918	Citizens Water Authority Construction Fund	CWA Construction Fund	30,715.00	11/8/2018	Black & Veatch Corporation	Prof Services	33	11/15/2018
88919	Citizens Water Authority Construction Fund	CWA Construction Fund	5,000.00	11/8/2018	Black & Veatch Corporation	Prof Services	33	11/15/2018
88920	Citizens Water Authority Construction Fund	CWA Construction Fund	5,000.00	11/8/2018	Black & Veatch Corporation	Prof Services	33	11/15/2018
89036	Citizens Water Authority Construction Fund	CWA Construction Fund	2,951,970.00	11/8/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	39	11/15/2018
89037	Citizens Water Authority Construction Fund	CWA Construction Fund	7,986.00	11/8/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	39	11/15/2018
89038	Citizens Water Authority Construction Fund	CWA Construction Fund	783,150.00	11/8/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	39	11/15/2018
89039	Citizens Water Authority Construction Fund	CWA Construction Fund	2,413,610.00	11/8/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	39	11/15/2018
89182	Citizens Water Authority Construction Fund	CWA Construction Fund	786,347.00	11/15/2018	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	40	11/23/2018
89394	Citizens Water Authority Construction Fund	CWA Construction Fund	300,000.00	11/29/2018	Bowen Engineering Corporation	Contractor Payment	41	12/7/2018
89395	Citizens Water Authority Construction Fund	CWA Construction Fund	466,134.00	11/29/2018	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	42	12/7/2018
89582	Citizens Water Authority Construction Fund	CWA Construction Fund	100,000.00	12/6/2018	Bowen Engineering Corporation	Contractor Payment	43	12/13/2018
89584	Citizens Water Authority Construction Fund	CWA Construction Fund	20,000.00	12/6/2018	Black & Veatch Corporation	Prof Services	44	12/13/2018
89586	Citizens Water Authority Construction Fund	CWA Construction Fund	26,717.00	12/6/2018	Black & Veatch Corporation	Prof Services	45	12/13/2018
89585	Citizens Water Authority Construction Fund	CWA Construction Fund	15,254.00	12/6/2018	Black & Veatch Corporation	Prof Services	44	12/13/2018
89583	Citizens Water Authority Construction Fund	CWA Construction Fund	5,000.00	12/6/2018	Black & Veatch Corporation	Prof Services	44	12/13/2018
89975	Citizens Water Authority Construction Fund	CWA Construction Fund	219,000.00	12/13/2018	AECOM	Prof Services	46	12/20/2018
89976	Citizens Water Authority Construction Fund	CWA Construction Fund	33,946.00	12/13/2018	AECOM	Prof Services	46	12/20/2018
89978	Citizens Water Authority Construction Fund	CWA Construction Fund	15,000.00	12/13/2018	AECOM	Prof Services	46	12/20/2018
89982	Citizens Water Authority Construction Fund	CWA Construction Fund	16,474.00	12/13/2018	AECOM	Prof Services	46	12/20/2018
89979	Citizens Water Authority Construction Fund	CWA Construction Fund	51,859.00	12/13/2018	AECOM	Prof Services	46	12/20/2018
90386	Citizens Water Authority Construction Fund	CWA Construction Fund	120,513.00	12/20/2018	Black & Veatch Corporation	Prof Services	48	12/27/2018
90247	Citizens Water Authority Construction Fund	CWA Construction Fund	2,746,501.00	12/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	47	12/27/2018
90250	Citizens Water Authority Construction Fund	CWA Construction Fund	212,278.00	12/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	47	12/27/2018
90249	Citizens Water Authority Construction Fund	CWA Construction Fund	1,750,011.00	12/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	47	12/27/2018
90254	Citizens Water Authority Construction Fund	CWA Construction Fund	2,376,478.00	12/20/2018	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	47	12/27/2018
90808	Citizens Water Authority Construction Fund	CWA Construction Fund	3,485,607.00	1/17/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	49	1/24/2019
90809	Citizens Water Authority Construction Fund	CWA Construction Fund	41,787.00	1/17/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	49	1/24/2019
90810	Citizens Water Authority Construction Fund	CWA Construction Fund	1,769,124.00	1/17/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	49	1/24/2019
90811	Citizens Water Authority Construction Fund	CWA Construction Fund	419,400.00	1/17/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	49	1/24/2019
91138	Citizens Water Authority Construction Fund	CWA Construction Fund	238,200.00	1/31/2019	AECOM	Prof Services	51	2/8/2019
91139	Citizens Water Authority Construction Fund	CWA Construction Fund	21,911.00	1/31/2019	AECOM	Prof Services	51	2/8/2019
91140	Citizens Water Authority Construction Fund	CWA Construction Fund	45,000.00	1/31/2019	AECOM	Prof Services	51	2/8/2019
91141	Citizens Water Authority Construction Fund	CWA Construction Fund	52,693.00	1/31/2019	AECOM	Prof Services	51	2/8/2019
91106	Citizens Water Authority Construction Fund	CWA Construction Fund	8,666.00	1/31/2019	Black & Veatch Corporation	Prof Services	50	2/8/2019
91282	Citizens Water Authority Construction Fund	CWA Construction Fund	615,313.00	2/7/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	53	2/14/2019
91283	Citizens Water Authority Construction Fund	CWA Construction Fund	1,778,882.00	2/7/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	53	2/14/2019
91279	Citizens Water Authority Construction Fund	CWA Construction Fund	85,157.00	2/7/2019	Black & Veatch Corporation	Prof Services	52	2/14/2019
91281	Citizens Water Authority Construction Fund	CWA Construction Fund	23,457.00	2/7/2019	Black & Veatch Corporation	Prof Services	52	2/14/2019
91280	Citizens Water Authority Construction Fund	CWA Construction Fund	10,000.00	2/7/2019	Black & Veatch Corporation	Prof Services	52	2/14/2019
91383	Citizens Water Authority Construction Fund	CWA Construction Fund	4,607,132.00	2/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	55	2/21/2019
91384	Citizens Water Authority Construction Fund	CWA Construction Fund	7,986.00	2/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	55	2/21/2019
91385	Citizens Water Authority Construction Fund	CWA Construction Fund	1,836,401.00	2/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	55	2/21/2019
91615	Citizens Water Authority Construction Fund	CWA Construction Fund	239,433.00	2/21/2019	AECOM	Prof Services	56	2/28/2019

TransactionID	MasterFundName	SubFundName	Amount	TransactionDate	ContractorName	ReqType	ReqText	CheckPaidDate
91616	Citizens Water Authority Construction Fund	CWA Construction Fund	42,662.00	2/21/2019	AECOM	Prof Services	56	2/28/2019
91617	Citizens Water Authority Construction Fund	CWA Construction Fund	20,000.00	2/21/2019	AECOM	Prof Services	56	2/28/2019
91618	Citizens Water Authority Construction Fund	CWA Construction Fund	51,246.00	2/21/2019	AECOM	Prof Services	56	2/28/2019
91755	Citizens Water Authority Construction Fund	CWA Construction Fund	224,846.00	2/28/2019	AECOM	Prof Services	59	3/7/2019
91756	Citizens Water Authority Construction Fund	CWA Construction Fund	40,500.00	2/28/2019	AECOM	Prof Services	59	3/7/2019
91757	Citizens Water Authority Construction Fund	CWA Construction Fund	20,000.00	2/28/2019	AECOM	Prof Services	59	3/7/2019
91758	Citizens Water Authority Construction Fund	CWA Construction Fund	2,284.00	2/28/2019	AECOM	Prof Services	59	3/7/2019
91759	Citizens Water Authority Construction Fund	CWA Construction Fund	68,926.00	2/28/2019	AECOM	Prof Services	59	3/7/2019
91764	Citizens Water Authority Construction Fund	CWA Construction Fund	1,293,509.00	2/28/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	61	3/7/2019
91736	Citizens Water Authority Construction Fund	CWA Construction Fund	1,392,647.00	2/28/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	54	3/7/2019
91739	Citizens Water Authority Construction Fund	CWA Construction Fund	573,411.00	2/28/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	57	3/7/2019
91742	Citizens Water Authority Construction Fund	CWA Construction Fund	30,877.00	2/28/2019	Black & Veatch Corporation	Prof Services	58	3/7/2019
91761	Citizens Water Authority Construction Fund	CWA Construction Fund	10,000.00	2/28/2019	Black & Veatch Corporation	Prof Services	60	3/7/2019
91760	Citizens Water Authority Construction Fund	CWA Construction Fund	9,480.00	2/28/2019	Black & Veatch Corporation	Prof Services	60	3/7/2019
92930	Citizens Water Authority Construction Fund	CWA Construction Fund	6,320.00	3/14/2019	Black & Veatch Corporation	Prof Services	62	3/21/2019
92923	Citizens Water Authority Construction Fund	CWA Construction Fund	3,842,697.00	3/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	63	3/21/2019
92924	Citizens Water Authority Construction Fund	CWA Construction Fund	7,986.00	3/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	63	3/21/2019
92927	Citizens Water Authority Construction Fund	CWA Construction Fund	324,562.00	3/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	63	3/21/2019
92926	Citizens Water Authority Construction Fund	CWA Construction Fund	360,000.00	3/14/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	63	3/21/2019
93116	Citizens Water Authority Construction Fund	CWA Construction Fund	590,364.00	3/21/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	64	3/28/2019
93115	Citizens Water Authority Construction Fund	CWA Construction Fund	595,747.00	3/21/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	64	3/28/2019
93793	Citizens Water Authority Construction Fund	CWA Construction Fund	270,669.00	4/11/2019	AECOM	Prof Services	66	4/18/2019
93704	Citizens Water Authority Construction Fund	CWA Construction Fund	42,138.00	4/11/2019	AECOM	Prof Services	66	4/18/2019
93705	Citizens Water Authority Construction Fund	CWA Construction Fund	11,339.00	4/11/2019	AECOM	Prof Services	66	4/18/2019
93706	Citizens Water Authority Construction Fund	CWA Construction Fund	68,800.00	4/11/2019	AECOM	Prof Services	66	4/18/2019
93707	Citizens Water Authority Construction Fund	CWA Construction Fund	3,110,420.00	4/11/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	67	4/18/2019
93708	Citizens Water Authority Construction Fund	CWA Construction Fund	7,986.00	4/11/2019	Shea-Kiewit Joint Venture (SK-JV)	Prof Services	67	4/18/2019
93709	Citizens Water Authority Construction Fund	CWA Construction Fund	311,665.00	4/11/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	67	4/18/2019
93710	Citizens Water Authority Construction Fund	CWA Construction Fund	1,377,000.00	4/11/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	67	4/18/2019
94515	Citizens Water Authority Construction Fund	CWA Construction Fund	268,080.00	5/16/2019	AECOM	Prof Services	70	5/23/2019
94516	Citizens Water Authority Construction Fund	CWA Construction Fund	49,797.00	5/16/2019	AECOM	Prof Services	70	5/23/2019
94517	Citizens Water Authority Construction Fund	CWA Construction Fund	10,808.00	5/16/2019	AECOM	Prof Services	70	5/23/2019
94518	Citizens Water Authority Construction Fund	CWA Construction Fund	64,003.00	5/16/2019	AECOM	Prof Services	70	5/23/2019
94506	Citizens Water Authority Construction Fund	CWA Construction Fund	1,208,134.00	5/16/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	69	5/23/2019
94505	Citizens Water Authority Construction Fund	CWA Construction Fund	651,045.00	5/16/2019	F.A. Wilhelm Construction Co., Inc.	Contractor Payment	69	5/23/2019
94499	Citizens Water Authority Construction Fund	CWA Construction Fund	54,382.00	5/16/2019	Black & Veatch Corporation	Prof Services	68	5/23/2019
94500	Citizens Water Authority Construction Fund	CWA Construction Fund	10,000.00	5/16/2019	Black & Veatch Corporation	Prof Services	68	5/23/2019
94498	Citizens Water Authority Construction Fund	CWA Construction Fund	7,090.00	5/16/2019	Black & Veatch Corporation	Prof Services	68	5/23/2019
94682	Citizens Water Authority Construction Fund	CWA Construction Fund	82,177.00	5/23/2019	Bowen Engineering Corporation	Contractor Payment	65	5/30/2019
94808	Citizens Water Authority Construction Fund	CWA Construction Fund	67,922.00	6/6/2019	Black & Veatch Corporation	Prof Services	72	6/13/2019
94809	Citizens Water Authority Construction Fund	CWA Construction Fund	26,550.00	6/6/2019	Black & Veatch Corporation	Prof Services	72	6/13/2019
94807	Citizens Water Authority Construction Fund	CWA Construction Fund	17,945.00	6/6/2019	Black & Veatch Corporation	Prof Services	72	6/13/2019
94800	Citizens Water Authority Construction Fund	CWA Construction Fund	2,054,876.00	6/6/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	71	6/13/2019
94799	Citizens Water Authority Construction Fund	CWA Construction Fund	2,970,364.00	6/6/2019	Shea-Kiewit Joint Venture (SK-JV)	Contractor Payment	71	6/13/2019
95140	Citizens Water Authority Construction Fund	CWA Construction Fund	26,547.00	6/13/2019	Bowen Engineering Corporation	Contractor Payment	73	6/20/2019

TOTAL DISBURSEMENTS: 163,526,839.00

TransactionID	MasterFundName	SubFundName	Amount	TransactionDate	ContractorName	ReqType	ReqText	CheckPaidDate
89562	Evansville 2018B-2 Construction Account	Evansville 2018B-2 Construction Account	58,870.00	12/4/2018	Technical Services	Prof Services	1	12/4/2018
89563	Evansville 2018B-2 Construction Account	Evansville 2018B-2 Construction Account	60,011.00	12/4/2018	Soft Cost	Prof Services	2	12/4/2018
89564	Evansville 2018B-2 Construction Account	Evansville 2018B-2 Construction Account	52,965.00	12/4/2018	Soft Cost	Prof Services	3	12/4/2018
89565	Evansville 2018B-2 Construction Account	Evansville 2018B-2 Construction Account	20,000.00	12/4/2018	Soft Cost	Prof Services	4	12/4/2018
89566	Evansville 2018B-2 Construction Account	Evansville 2018B-2 Construction Account	19,894.00	12/4/2018	Soft Cost	Prof Services	5	12/4/2018
93127	Evansville 2018B-2 Construction Account	Evansville 2018B-2 Construction Account	1,057,926.00	3/21/2019	Kokosing Construction Co., Inc.	Contractor Payment	6	3/28/2019

TOTAL DISBURSEMENTS: 1,269,666.00

Indiana Water Infrastructure and Innovation Act Program

Exhibit D

Summary of Proposed Loans Selected for WIFIA Funding and Included in WIFIA Environmental Assessment (2/23/2018)

	Borrower	Project Name	Population	Anticipated Closing	Loan Amount
DW	Lawrence	New WTP, 2nd plant improvements, generator, tank rehab, main improvements	46,100	Dec 2020	\$ 10,486,500
WW	CWA Authority, Inc. 3	Dig Indy Tunnel System (2018-2021)	820,445	Oct 2021	\$ 233,973,161
Total:					\$ 244,459,661