

Illinois Environmental Protection Agency
WATER POLLUTION CONTROL LOAN PROGRAM

2019 ANNUAL REPORT

July 1, 2018 – June 30, 2019

Prepared For

The United States Environmental Protection Agency, Region V

September 2019

Illinois EPA – Water Pollution Control Loan Program – 2019 Annual Report

Table of Contents

- I. Introduction
- II. Executive Summary
- III. Conditions of the Capitalization Grant Agreement
 - A. Goals and Objectives of the IUP
 - B. Green Project Reserve (GPR) Requirement
 - C. Additional Subsidy Requirement
 - D. Certifications
- IV. Program Funding
 - A. Source of Funds
 - B. Binding Commitments
 - C. Disbursements
 - D. Fiscal Status of the WPCLP
- V. Program Requirements
 - A. Financial Reports
 - B. MBE/WBE Reporting
 - C. Single Audit Act
 - D. Generally Accepted Auditing Standards and Accounting Principles
 - E. Federal Requirements

Attachments

Attachment A - WPCLP Loan Awards, Amendments and Principal Forgiveness Provided

Attachment B – WPCLP Financial Statements

WATER POLLUTION CONTROL LOAN PROGRAM

2019 ANNUAL REPORT: July 1, 2018 – June 30, 2019

I. Introduction

In accordance with Section 606(d) of the Clean Water Act as amended (CWA) and the Water Pollution Control Loan Program (WPCLP) Operating Agreement between the Illinois Environmental Protection Agency (Illinois EPA) and the United States Environmental Protection Agency (U.S. EPA), this Annual Report addresses the activities, goals and reporting requirements of the WPCLP for the 12-month period from July 1, 2018, to June 30, 2019.

II. Executive Summary

The U.S. EPA awarded Illinois EPA its Federal Fiscal Year (FFY) 2018 capitalization grant in the amount of \$72,591,000 on September 27, 2018 for use in the WPCLP. A total of \$208,551,128 in loan repayments were received during the reporting period, with those receipts consisting of \$184,926,150 in repayment principal and \$23,624,978 in repayment period interest. The WPCLP also received \$4,842,314 from investment income and other miscellaneous receipts. Illinois EPA set aside a combined total of \$143,500 from the FY 2018 and FY 2019 capitalization grants for In-Kind services to be provided by Northbridge Environmental Management Consultants for financial advisory and fund management services and continued work on development of the Loans and Grants Tracking System. This amount will be combined with other administrative expenditures when determining the total cumulative administrative costs of the program which are discussed below under the disbursements portion of this report.

During the reporting period, the Illinois EPA entered into 45 new loans (binding commitments) totaling \$443,030,696.18 and 61 loan amendments totaling (\$17,542,913.73) for \$425,487,782.45 in net funds committed. These loans and amendments are detailed within Attachment A.

III. Conditions of the Capitalization Grant Agreement

The Illinois EPA has agreed to administer the WPCLP in accordance with their Operating Agreement with USEPA, all conditions related to receipt of the capitalization grant agreement awarded by the U.S. EPA, and with the components of the grant application, which includes the Intended Use Plan (IUP). The Illinois EPA has maintained compliance with all cash draw rules, including separation of cash draws by the WPCLP from other U.S. EPA funded programs. Cash draw projections have been reviewed and revised by the Illinois EPA based on the availability of funds. Proportionality will be maintained not only on deposits into the WPCLP but also on expenditures out of the WPCLP.

A. Goals and Objectives of the IUP

Several short and long-term goals for the WPCLP were outlined by the Illinois EPA in the FY 2019 Intended Use Plan (IUP). Provided below is a restatement of those goals along with a brief discussion regarding outputs and outcomes.

1. Short Term Goals

- a. Educate loan applicants on the impacts of revisions to 35 Ill. Adm. Code Part 365, "Procedures for Issuing Loans from the Water Pollution Control Loan Program" (Loan Rules) which went through the rule making process with the Joint Committee on Administrative Rules (JCAR) and became effective July 1, 2017. The modified rule includes the following changes to the WPCLP:
 - 1) Implement reduced interest rates for loan applicants that qualify for the new Small Community Rate or Hardship Rate (365.210);
 - 2) Offer loan terms of up to 30 years, not to exceed the useful life of the project, for loan applicants who qualify for the Small Community Rate or Hardship Rate (365.220);
 - 3) Change the name "Facilities Plan" to "Project Plan" (365.320) to achieve consistency in terminology between the PWSLP and the WPCLP;
 - 4) Offer the ability to apply to restructure an existing loan where financial hardship is demonstrated and the loan recipient qualifies for the Small Community Rate or Hardship Rate (365.240);
 - 5) Replace the Pre-Application with a Funding Nomination Form (365.310); and
 - 6) Make Project Planning costs loan eligible (365.430);

The rulemaking process included public hearings and the Agency also conducted outreach via e-mail. Illinois EPA staff capitalize on opportunities to make presentations at workshops and conferences to discuss the rule changes. Loan applicants and consulting engineers have become knowledgeable of the 2017 rule changes and in FY2020 staff will shift focus to additional outreach efforts.

- b. Develop and implement a revised project prioritization scoring process to use for State FY2020. Illinois EPA will draft the new prioritization process for submittal to JCAR for implementation within the 2020 IUP.

35 Ill. Adm. Code Part 365, "Procedures for Issuing Loans from the Water Pollution Control Loan Program" has been modified to reflect a new project prioritization scoring system. 35 Ill. Adm. Code Part 366, "Procedures and Requirements for Determining Loan Priorities of Municipal Wastewater Treatment Works", which previously contained the project prioritization scoring system has been repealed. The effective date of the modified rule is anticipated to be October 1, 2019, and thus the new scoring system will be used for development of the Project Priority List and Intended Funding List within the FY2021 IUP.
- c. Provide funding to as many eligible projects as possible, to the extent that applications are completed and funds are available;

The Illinois EPA provided funding for 45 new projects and

committed a net total of \$425,487,782.45 in program resources during this reporting period.

- d. Focus financial assistance for projects necessary to achieve or maintain compliance;
The Illinois EPA continues to focus on projects necessary to achieve or maintain compliance with applicable federal and state regulations and will continue to review procedures with an eye towards funding such projects.
- e. Continue support for projects or project components focused on “green infrastructure, water or energy efficiency improvements or other environmentally innovative activities”;
The Illinois EPA continues to support projects and project components focused on “green infrastructure, water or energy efficiency improvements or other environmentally innovative activities”.
- f. Manage a program that provides applicants with a streamlined approach to financing treatment works projects;
The Illinois EPA is continuing efforts to improve program operations through the use of best management practices in the administration of the program.
- g. Provide continuous improvement to both the short and long term financial planning process;
The Illinois EPA continues to explore best practices which will contribute to the growth and stability of the Water Revolving Fund (the Fund) by consulting with financial advisors and industry professionals to examine interest rate setting, leveraging capacity and overall financial management of the program.
- h. To meet the demand for assistance during FY2019 and beyond, the Illinois EPA intends to borrow against the WPCLP’s loan repayments by issuing revenue bonds.
The Illinois EPA has been working with the Illinois Finance Authority and financial advisors to calculate the leveraging capacity of the SRF loan programs, the immediate need for bond proceeds, and future average annual funding levels the WPCLP can provide while meeting the WPCLP’s perpetuity requirements.
- i. Analyze the methodology used for the establishment of loan program interest rates and initiate a rule modification to establish a new basis for determining interest rates to strengthen the long-term viability of the loan program and ensure a stable and perpetual financing source.
The Illinois EPA has reached out to loan program stakeholders concerning modification to the loan program’s interest rates

and will be in consultation with their financial advisors to develop a new methodology for the establishment of loan program interest rates to strengthen the long-term viability of the loan program. The Illinois EPA plans to have a new methodology in place for FY2021.

2. Long Term Goals

- a. Assist a broad range of water quality improvement actions that help fulfill the objectives of the Clean Water Act (CWA) and the State enabling legislation, including financing for treatment works and other eligible projects to maintain compliance with State and federal regulations;
As detailed in Attachment A, the Illinois EPA has established a program which consistently provides financial assistance to all types of eligible projects under the WPCLP. Illinois has made statutory changes to expand eligibilities in conjunction with the expansion of eligibilities under federal law.
- b. Facilitate the development and implementation of technically appropriate and financially sustainable projects by small communities.
The Illinois EPA has implemented interest rate reductions and principal forgiveness parameters directed at small and economically disadvantaged communities to assist with the challenges they face to implement both technically appropriate and financially sustainable projects into the future.
- c. Continue to proactively develop assistance opportunities to encourage implementation of priority water quality improvement projects and Agency priorities;
The Illinois EPA Bureau of Water staff discuss issues and share ideas regarding opportunities for the loan program to provide funding assistance that will assist with water quality improvements as well as meeting the priorities of the Agency.
- d. Manage the Fund to ensure appropriate levels of financing and adequate funds to administer the program are available;
The Illinois EPA continues to explore best practices which will contribute to the growth and stability of the Fund. The Illinois EPA has engaged a program consultant to further define and implement best management practices in the WPCLP and will emphasize compliance issues in the development of a project prioritization system. The Illinois EPA has increased outreach efforts to make more communities aware of the funding available and is working to streamline application materials to make the process of obtaining funding as efficient as possible.
- e. Increase the awareness of environmental benefits achieved through USEPA's Guidelines for Enhancing Public Awareness of State

Revolving Fund (SRF) Assistance Agreements for WPCLP-funded activities (signage requirement).

Illinois EPA has taken steps to make applicants aware of the signage requirement and has included the signage requirement as a standard condition of a loan agreement.

- f. Continue to assist in the development and implementation of innovative and non-traditional projects that benefit water quality resources;

The Illinois EPA continues to explore new ideas and practices that will contribute to continued growth in the number and types of projects considered by the WPCLP. Illinois has made statutory changes to expand eligibilities in conjunction with the expansion of eligibilities under federal law.

- g. To maintain the integrity of the Water Revolving Fund by providing a stable and perpetual financing source to eligible loan applicants for treatment works and other eligible projects within the State, and to commit all available loan resources to those loan applicants;

The Illinois EPA has established a revolving loan program, the WPCLP, which will operate in perpetuity for the benefit of eligible loan applicants in Illinois. The Water Revolving Fund remains healthy, with a AAA Bond Rating.

B. Green Project Reserve (GPR) Requirement

As required by the 2018 capitalization grant agreement; the Illinois EPA has utilized not less than 10% of capitalization funds provided to furnish continued support for projects or project components focused on “green infrastructure, water or energy efficiency improvements or other environmentally innovative activities”. GPR commitments assigned to the 2018 capitalization grant agreement were for projects that met the definitions developed under guidance provided by the USEPA. The final (total) GPR commitment assigned to the FY 2018 capitalization grant is \$20,826,797 which is above the \$7,259,100 required by the FY 2018 capitalization grant agreement. For more information please click on the “CWSRF Green Project Reserve List FY2018” link on the State Revolving Fund Postings page on the Agency website at: <https://www2.illinois.gov/epa/topics/grants-loans/state-revolving-fund/Pages/postings.aspx>

C. Additional Subsidy Requirement

By accepting the 2018 capitalization grant, the WPCLP agreed to provide additional subsidization in the form of principal forgiveness, negative interest rate loans, or grants to recipients of eligible loans. The WPCLP continues to meet the additional subsidization requirement by awarding principal forgiveness. Although the name is different, in practical application principal forgiveness functions much like a grant *i.e.*, the eligible capital costs of the project are reduced by the principal forgiveness amount, thereby eliminating a portion of the principal (and interest) that the borrower must repay.

Following the enactment of the federal Water Resources Reform and Development Act of 2014 (WRRDA), there is now a permanent authority in Section 603(i) of the CWA to provide up to 30% of the available capitalization grant (\$21,777,300) as additional subsidization under the circumstances outlined in the statute.

In addition to the additional subsidization requirement now contained within the CWA, in accordance with the Consolidated Appropriations Act, 2018 (P.L. 115-141) the WPCLP was required to provide a minimum of 10% of the capitalization grant (\$7,259,100) in principal forgiveness.

All principal forgiveness provided by the WPCLP will be in accordance with affordability criteria established pursuant to Section 603(i)(2) of the CWA. All loan recipients from July 1, 2018 through June 30, 2019 were eligible for consideration to receive principal forgiveness based upon a scoring system detailed in the loan rules per 35 Ill. Adm. Code Section 365.620.

A total of \$28,521,561.57 in principal forgiveness was provided from July 1, 2018 through June 30, 2019. The Illinois EPA hereby certifies and assures that the WPCLP provided additional subsidization to loan recipients in accordance with the requirements associated with receipt of its 2018 capitalization grant. Attachment A contains the loan recipients which received principal forgiveness.

D. Certifications

The Illinois EPA has also provided the necessary certification from the Illinois Attorney General, for each capitalization grant received, that the Illinois EPA can legally bind itself to the terms of the capitalization grant, and in accordance with the Drug-Free Workplace Act of 1988, the Illinois EPA has instituted a Drug-Free Workplace Policy. This policy encourages any Illinois EPA employee with a potential drug or alcohol problem to use the State Employee Assistance Program. Also, by accepting the most recent capitalization grant, the Illinois EPA has certified again that it will comply with the requirements of the Anti-Lobbying Act. The Illinois EPA has taken affirmative steps to meet the requirements of the Federal Funding Transparency and Accountability Act of 2006 (FFATA), and is operating the WPCLP in compliance with all FFATA reporting requirements. And finally, the Illinois EPA certifies that all assistance made available under the WPCLP was provided under terms and conditions requiring compliance with the Davis-Bacon Wage Act as specified in the appropriations for the Clean Water SRF. In short, the Illinois EPA has established a program which will lead to adherence to all objectives and conditions of each capitalization grant received.

IV. Program Funding

A. Source of Funds

1. Capitalization Grants

The U.S. EPA awarded the FY 2018 capitalization grant to the Illinois EPA on September 27, 2018 in the amount of \$72,591,000. All grant proceeds will be used to secure binding loan commitments, with administrative costs

in the amount of \$3,238,148 supported by fund equity during this reporting period.

2. State Matching Funds

The Illinois EPA matched the FY 2018 capitalization grant with a transfer from Loan Support in the amount of \$14,419,808 and a credit balance of \$98,392 realized on the 2016 State Match Bond Proceeds. In April 2019, the Illinois EPA provided \$29,036,400 for additional future State Match of the 2019 and 2020 Capitalization grants

3. Repayment Funds

The Illinois EPA will commit all loan repayment funds and fund equity resources to the WPCLP for binding commitments.

4. Leveraging

On April 1, 2019 the program issued \$190,460,000 in Clean Water Leveraged Bonds and \$24,920,000 in Clean Water State Match Bonds. After adding the premium of \$35,976,045 and subtracting costs of issuance, the realized proceeds of \$225,306,000 are for use in the loan program. Furthermore, adding the premium of \$4,259,907 and subtracting costs of issuance, \$29,036,400 will be used for State Match of the 2019 and 2020 Capitalization grant.

B. Binding Commitments

The Illinois EPA entered into 45 new loans (binding commitments) totaling \$443,030,696.18 and 61 loan amendments totaling (\$17,542,913.73) for \$425,487,782.45 in net funds committed. All loans and amendments are detailed within Attachment A.

C. Disbursements

Disbursements made to loan recipients during this reporting period amounted to \$360,610,020 for a total of \$5,619,281,418 in disbursements made since the program's inception.

For this entire reporting period, the Illinois EPA utilized a cash draw methodology of matching the federal grant at 100% prior to drawing any federal funds. Once the state match requirement has been met, Illinois EPA draws at a ratio of 100% federal funds until the grant is exhausted. Illinois EPA will continue to expend administrative costs from fund equity and use 100% of the grant to disburse to loan recipients.

A total of \$61,621,107 in administrative costs, exclusive of loan support, has been funded since the inception of the WPCLP. Included in these disbursements for administrative costs is \$3,238,148 for this reporting period, and \$22,054,440 in

total disbursements from the federal letter of credit. In-Kind disbursements during the reporting period made by U.S. EPA on Illinois EPA's behalf totaled \$148,696 bringing total In-Kind Administrative expenditures to \$1,107,272.

D. Fiscal Status of the WPCLP

An analysis in this area requires a direct comparison of financial data including revenues, expenditures, WPCLP sources and uses, and WPCLP balance (see Attachment B, Financial Statements). The Illinois EPA has established operating procedures and management tools which it believes will assure program operation in perpetuity.

V. Program Requirements

A. Financial Reports

The Illinois EPA has submitted the Federal Cash Transaction Report (FCTR) on a quarterly basis and the Financial Status Report (FSR) on an annual basis as required by 40 CFR 31.41(b)(3) and (c)(1).

B. MBE/WBE Reporting

The Illinois EPA has submitted a completed "MBE/WBE Utilization Under Federal Grants, Cooperative Agreements and Interagency Agreements" report (EPA Form 5700-52A) on an annual basis.

C. Single Audit Act

The Illinois EPA has complied with the requirements of the Single Audit Act. In 2018, a Statewide Single Audit was performed on the State of Illinois and the Illinois EPA Loan programs met the expenditure thresholds of being a major program.

D. Generally Accepted Auditing Standards and Accounting Principles

The Illinois EPA has complied with Generally Accepted Government Auditing Standards (GAGAS) and all loan recipients are required to comply with Generally Accepted Accounting Principles (GAAP).

E. Federal Requirements

The Illinois EPA has fulfilled all applicable federal requirements required by the CWA including;

- 1) Assurances and certifications provided in the IUP have been met;
- 2) Environmental reviews have been done in accordance with federal and State law;

- 3) Made binding commitments to provide assistance equal to more than the required 120% of the amount of each grant payment within one year after receiving the grant payment;
- 4) All funds have been expended in an expeditious and timely manner; and
- 5) Beginning January 17, 2014 implemented the "American Iron and Steel" requirement as described in the Consolidated Appropriation Act of 2014.

Attachment A

WPCLP Loans Awards, Amendments and Principal Forgiveness Provided

15 Pages

Illinois EPA - Water Pollution Control Loan Program - Annual Report - Attachment A

Loan Agreements 7/1/2018 through 6/30/2019

Project Number	Party	Agreement Date	Agreement Amount	Forgiveness Amount	Description
1 L175553	Algonquin	6/27/2019	2,569,505.94	0.00	Relocate and replace 16-inch and 18-inch diameter sanitary sewers with the following: 1,752 linear feet of 30-inch diameter sanitary sewer, 1,016 linear feet of 24-inch diameter sanitary sewer, 341 linear feet of 12-inch diameter sanitary sewer, 7 linear feet of 10-inch diameter sanitary sewer, 35 linear feet of 8-inch diameter sanitary sewer and 18 manholes. This project will also include the removal of the North Harrison Street Lift Station; modifications to the Riverfront Lift Station; and all related appurtenances to make project complete and operational.
2 L174243	Assumption	5/20/2019	7,271,504.66	3,272,177.10	This project consists of the Samuel Street trunk sewer separation which includes: laying 2,242 feet of 6-inch force main, 12,698 feet of 8-inch sanitary sewer and 6,347 feet of 12-inch sanitary sewer. This project also includes construction of a 330 gallons per minute capacity lift station with 2 pumps; replacing 66 manholes and site restoration.
3 L175548	Ava	3/19/2019	577,540.00	259,893.00	The City of Ava will clean out the existing lagoon and replace the riprap around it. The City will also renovate the two existing pump stations and raise the manholes throughout the City to grade.
4 L173152	Batavia	6/21/2019	790,665.73	0.00	The proposed project entails the separation of the combined sewer system in Area 3. Approximately 5,190 feet of storm sewer pipe and 69 storm sewer structures will be constructed to convey the runoff from Area 3. The Area's existing pipe will then be utilized to convey sanitary waste only.
5 L175334	Champaign	1/28/2019	6,456,936.17	0.00	Phase 3 of the West Washington Street drainage improvements project, which includes the following: construction of 4,200 linear feet of 12-inch to 42-inch diameter storm sewers that will drain into the Phase 1 detention basin. Phase 3 will also include green features, such as native plants, rain garden/bio-retention, and curb cuts that drain into bio-swales.
6 L175511	Channahon	4/23/2019	9,508,309.50	0.00	The project consists of a new 716,000 gallon outer ring added to the existing oxidation ditch, three 15 hp aerators for the ditch, a 750 gpm return activated sludge pump, 2 waste activated sludge pumps, a chemical phosphorus removal system, UV lamps, blowers, sludge storage component, generator and all the necessary appurtenances to make the project complete and operational.
7 L175560	Chicago	3/1/2019	60,200,000.00	0.00	The project is a continuation of the City's 3-year sewer lining contract, which was awarded in 2016. Activities associated with this loan consist of lining approximately 42 miles of sewer main throughout the City's Far North, North, Central, South, and Far South Districts.
8 L175561	Chicago	3/1/2019	39,393,514.14	0.00	The project entails work that will be performed as part of a 5-year sewer rehabilitation program conducted throughout the City. Approximately 9 miles of 12 to 60-inch diameter sewer main will replace existing, aging sewer main.
9 L174335	Crestwood	6/24/2019	1,452,737.41	217,910.61	The project consists of the lining of approximately 5,300 lineal feet of 8 to 10-inch diameter sanitary sewer, 400 sewer laterals, and miscellaneous collection system repairs for the Playfield Subdivision Phase 1 Sanitary Sewer Rehabilitation project.
10 L175030	Creve Coeur	12/28/2018	3,998,993.39	1,199,698.02	With receipt of this loan, the Village of Creve Coeur will undertake construction of the Riley Lane pump station, and consolidate the flows from six remotely located sewage lift stations. The individual lift stations will ultimately be abandoned. The new lift station will have two pumps with a rated capacity of 1,250 gallons per minute. Pipe inventory includes 5,961 feet of 10-inch force main; 4,540 feet of 8-inch sanitary sewer; 2,091 feet of 12-inch sanitary sewer. The installation of 40 manholes is also included in the project.
11 L175252	East Dubuque	6/11/2019	3,837,243.92	1,726,769.76	The project consists of modifications to the City's existing wastewater treatment plant. The proposed activities consist of upgrading the screening/grit removal to a new mechanical vortex grit removal system; replacement of the existing influent pumps with new, heavy duty pumps; replacement of existing blowers with variable frequency drives to improve energy efficiency; upgrades to aeration tank components; new clarifier covers, replacement of final clarifier equipment, upgrades to the control system; and the installation of a new backup generator.

12	L175493	East Peoria	6/14/2019	41,649,111.00	6,247,366.65	<p>This loan will fund work at the East Peoria wastewater treatment Plant number one (Phase A) and includes improvements to the headworks; installation of a new grit pump station and grit processing; capacity increase of the influent pump stations; renovations to the administration building; increase in the storm flow basin capacity; new 30" effluent force main to the river outfall; remove and replace the blower/chlorination building; construct a new non-potable water pump station and Vector dump pad; site electrical power service and emergency generator improvements.</p> <p>Phase B will include repairs and upgrades to the Route 8 pump station. The work includes expanding the existing pump intake wet well capacity; addition of variable frequency drive (VFD) for the pumps; site piping adjustments and renovation of the existing buildings. Equipment/electric overhaul of the system; replacing the existing 14" force main and improvements to the existing stormflow holding basin.</p> <p>Phase C work at the East Peoria wastewater treatment Plant number three includes rehabilitating a section of the influent sewer; a new headworks; new sanitary and storm flow splitter box; new grit chamber and grit processing; re-purpose the existing split flow chamber; service building and package treatment plants for new processes. After demolition of the existing screen, the building will be retained for storage. Existing blowers will be rehabilitated, and new blowers will be added. New dewatering building and equipment; rehabilitation of the existing stormflow holding pond; return activated sludge (RAS) and sludge pump stations; dewatering underdrain equalization tank; expansion of the chlorination building; plant and lagoon drain pump stations; site electrical power service and emergency generator improvements; sludge storage pad/canopy and associated site piping.</p>
13	L175531	Elmhurst	4/5/2019	6,099,040.27	0.00	<p>The project consists of improvements to the City of Elmhurst's Water Reclamation Facility (WRF). This loan covers what is considered to be Phase II of the project, and entails the following activities: construction of approximately 5,600 lineal feet of 8-inch and 6-inch nonpotable water mains with 15 yard hydrants and 10 valves and boxes; 2,000 lineal feet of 8-inch and 6-inch potable water mains with 6 fire hydrants, 8 valves and boxes; 1,500 lineal feet of 4-inch and 2-inch natural gas mains with 8 valves and boxes, 3,800 lineal feet of fiber optic cable; 14,000 lineal feet of 3.5-inch and 3-inch PVC electrical conduit; 2,100 lineal feet of underground electrical conduit; 4 electrical vaults; utility service connections; 11,100 lineal feet of vacuum excavated trenches for S.U.E. locates; 5,300 square yards of pavement patching; process and control integration; 40 hose reels and 2,600 lineal feet of hose; construction of an Electrical Distribution Building; and various other miscellaneous associated work.</p>
14	L175532	Elmhurst	6/27/2019	8,502,766.18	0.00	<p>The project consists of improvements to the City of Elmhurst's Water Reclamation Facility (WRF). This loan covers what is considered to be Phase III of the project, and entails the following activities: a new 8-foot diameter precast wet well; a 6-foot diameter precast meter vault; a new pre-fabricated system control and generator building; decommissioning of the existing lift station; raw crew pumps and belt filter presses replacement; the installation of a new natural gas emergency generator; replacement of electrical components at the North Industrial Lift station; the installation of gas sensors; and other miscellaneous site work.</p>

15	L173974	Fox Lake	6/24/2019	5,096,042.95	764,406.44	<p>The Village of Fox Lake owns and operates two separate drinking water and wastewater systems. The Village has developed a design to connect the systems and create one wastewater system and one drinking water system. The drinking water interconnect will allow the surplus supply in the South to support the North. Interconnection of the two sewer systems will create a centralized wastewater collection and treatment system at the existing Northwest Regional Water Reclamation Facility and allow retirement of the Tall Oaks Wastewater Treatment Plant (WWTP), which has reached the end of its serviceable life. The project will have two phases and each phase will have both a drinking and wastewater component.</p> <p>The Water Pollution Control Loan Program (WPCLP) portion of Phase 1, L173974, will include construction of roughly 200 Linear Feet (LF) of 24" gravity sewer, 730 LF of 8" gravity sewer, 2,460 LF of 16" force main and 3,100 LF of 12" force main. The sanitary sewer and force main will be constructed using jack and bore methods, horizontal directional drilling and traditional trenching. The WPCLP portion will also include construction of a new Bridge Lift Station and upgrades to the existing Main Lift Station. The new Bridge Lift Station will be constructed on the north end of the channel crossing and will receive all wastewater from the North System. This work is covered by IEPA Permit Numbers 2018 HB 63582, 2018 HB 63881, 2018 HB 63886, 2018 IA 63636 and 2019 IB 63543.</p> <p>The Public Water Supply Loan Program (PWSLP) portion of Phase 1, L175581, will include construction of roughly 6,570 LF of water main ranging in size from 6" to 20", hydrants and valves from Grand Avenue in the South System to the proposed Bridge Lift Station and connect to the North System. The water main will be constructed using jack and bore methods, horizontal directional drilling and traditional trenching. This work is covered by IEPA Permit Number 0105-FY2019.</p>
16	L174279	Fox River Water Reclamation District	6/27/2019	26,633,995.00	0.00	<p>This project consists of improvements to the North Water Reclamation Facility (WRF) to add biological phosphorus removal facilities to the existing activated sludge process. The improvements include the following: piping/valve additions and replacements to improve system hydraulics; new primary sludge pumps with AFDs and flowmeters; electrical improvements; addition of a primary sludge fermenter; new return sludge pumps with AFDs and flowmeters; new sludge transfer station mixing pumps; additional mixing and aeration basins; north and south blower building improvements; yard piping and structures, and a new odor control system.</p>
17	L175501	Fox River Water Reclamation District	6/28/2019	10,502,780.60	0.00	<p>The project consists of phosphorus removal improvements at the ADP WRF by incorporating struvite removal facilities into the digested sludge handling facilities. The improvements include the following: improve treatment system hydraulics; additional mixing basins for nutrient removal; addition of primary sludge fermenters; upgrade the thickened sludge pump station and addition of fermentation and elutriate pumps; upgrade the return activated sludge pumping station; upgrade the gravity thickeners; ferric chloride and polymer pump station; new odor control system; struvite recovery system; new sludge equalization tanks and mixing pump station; new mixed liquor splitter box; and modification of aeration tanks.</p>
18	L175408	Frankfort	4/17/2019	7,025,243.00	0.00	<p>Demolish the existing North and West Waste Water Treatment Plant (WWTP) structures and replace with a two cell deep excess flow pond at the North WWTP measured at 149 feet x 285 feet x 8 feet deep and 128 feet x 275 feet x 8 feet deep to store excess flows above 3.0 MGD. The two cell excess flow pond will allow stored excess flow to be pumped back to the Regional Waste Water Treatment Plant for full treatment.</p>
19	L175499	Germanatown Hills	3/29/2019	3,500,000.00	525,000.00	<p>The Village of Germanatown Hills will construct an overflow trunk sewer from WWTP #1 to WWTP #2 to allow high flows to be diverted and prevent overflow at WWTP #1. This project includes construction of a new influent pump station and screen at WWTP #2.</p>
20	L172586	Highland	6/11/2019	11,000,000.00	1,650,000.00	<p>The project consists of modifications to the existing wastewater treatment facility that includes an influent pump station with 4 pumps each rated at 1,400 gallons per minute (gpm) and 3 rehabilitated excess flow pumps each rated at 2,100 gpm, new mechanical screen, grit chamber, phosphorus chemical treatment system, 4 oxidation ditch aerators, 3 rehabilitated RAS pumps each rated at 556 gpm, 2 new WAS pumps each rated at 345 gpm, 2 rehabilitated secondary clarifiers, 2 new 70 ft diameter aerobic digesters with 3 new blowers, along with all the necessary appurtenances to make the project complete and operational.</p>

21	L175484	Hoopesion	1/30/2019	644,983.00	290,242.35	The project consists of pre-cleaning and installing cured in place pipe lining (CIPP) to approximately 7,662 linear feet of sanitary sewer ranging in size from 8-inches in diameter to 10-inches in diameter. Other work includes spot repairs, manhole rehabilitation, post inspection, surface resigraion and other necessary appurtenances. The project consists of lagoon treatment improvements including sludge removal, construction of an earthen berm to divide the treatment pond into separate cells, new aeration system blowers and piping, new blower building, influent structure, flow metering, bypass pumping and other appurtenances. Collection system improvements include approximately 1,370 feet of 6-inch diameter force main from the North Lift Station (LS) to the lagoon, new pumps for the North LS, rehabilitation of approximately 1,000 LF of 8-inch diameter pipe using cured in place pipe liner, chemical grout injection, and open trench pipe replacement. Additional work includes manhole lining and rehabilitation, culvert replacement at the corner of First and Hickory Streets, and other necessary appurtenances.
22	L175414	Industry	5/3/2019	1,949,410.87	584,823.26	Biological Phosphorus Removal at the East Side WWTP
23	L174760	Joliet	3/26/2019	21,542,743.00	0.00	Funds will be used at the City of Joliet Eastside wastewater treatment plant for the addition of Phosphorus removal equipment that will include one Anaerobic zone in the existing Aeration tanks for biological removal of phosphorus, plus the addition of new centrifuge type WAS thickening units to be installed into the existing thickening building. A new chemical storage and feed facility for alum addition will also be constructed.
24	L175405	Joliet	3/29/2019	11,781,504.62	0.00	This loan will fund the City of Joliet's 2019 Sanitary Sewer Rehabilitation Project. This is year three of a five-year program. The goal of the program is to increase the structural integrity of the system, minimize inflow and infiltration, reduce the occurrence of sewer system overflows and combined sewer overflows. In the Rock Run and West Park interceptors portion of the project approximately 13,800 linear feet of 30-inch and 48-inch pipe will be lined. 111 manholes will also be rehabilitated. The Belmont interceptor sewer will be replaced by installing approximately 6,610 linear feet of 24-inch sanitary sewer and 32 manholes. Approximately 20 linear feet of 8-inch and 30 linear feet of 15-inch storm sewer will also be installed.
25	L175562	Kirkland	6/28/2019	571,486.74	85,723.01	The project consists of stormwater improvements to part of Bull Run Creek, which includes: excavation of approximately 23,076 cubic yards of soil, shaping and regrading to construct 3.7 acres of compensatory storage/additional low elevation wetland areas that will be restored with native water tolerant species; construction of approximately 884 linear feet of rock toe streambank protection and inlet and pipe protection, removal of existing storm sewer, tree removal, install storm sewer, and erosion control.
26	L171038	Lebanon	7/20/2018	12,495,960.00	1,874,394.00	The project consists of WWTP upgrades including a new influent screening building and flow splitter, 3 sequencing batch reactor (SBR) basins with post equalization, tertiary filtration building with new cloth disk filters, new blower building, sludge dewatering building, sludge storage canopy, and other appurtenances.
27	L174610	Libertyville	4/17/2019	1,717,312.00	0.00	With receipt of this loan, the Village of Libertyville will add equipment to the existing waste water treatment plant (WWTP) facilities that will enable chemical removal of phosphorus from the wastewater. Work will include the construction of a new chemical feed building with a chemical unloading/receiving station; chemical metering pumps and piping; indoor bulk chemical storage tanks with secondary containment and associated electrical instrumentation, including controls.
28	L172129	Metropolitan Water Reclamation District of Greater Chicago	3/1/2019	4,216,511.00	0.00	At the Calumet Water Reclamation Plant (WRP), two existing Calgon P-3000 carbon odor control units will be replaced with a Bio-Trickling Filter. There will be new ductwork and covers will be installed at the valve vault chamber. At the Kyrie WRP, one of the Calgon P-3000 carbon units removed from Calumet WRP will be re-installed at Airlift Station A-1. This will replace the older odor control unit at Kyrie WRP. At the Hanover WRP, the second Calgon P-3000 carbon unit removed from Calumet WRP will be re-installed at the coarse screen building to treat the exhaust. New ductwork will be installed in several buildings, new covers will be installed on the grit tanks, and the older existing system will be demolished.
29	L175517	Metropolitan Water Reclamation District of Greater Chicago	2/15/2019	65,063,632.25	0.00	This project includes excavation to create a 600 acre-foot flood control reservoir and the installation of all the necessary appurtenances such as control structure, inlet structure, spillway piping and a pumping station. This project is located in Bellwood just north of Washington Boulevard and east of Addison Creek.

30	L175502	Mount Carroll	6/28/2019	13,303,600.00	5,986,620.00	Construction of a new wastewater treatment plant which will include a new vertical screen; four pumps rated at 512 gallons per minute (GPM) each; a vortex grit chamber; grit classifier; three 40 HP blowers; a 300 lb./hr sludge belt press; an activated sludge plant with a Bio-P fermentation zone; a Bio-P selector tank; two first stage aeration tanks; two second stage aeration tanks; and two third stage aeration tanks; four clarifiers; two digesters; a sludge storage tank; 48 UV lamps; two effluent pumps rated at 905 gpm; and a 475,000 gallon equalization tank. This project will also include the abandoning and demolishing of the existing wastewater treatment facility. Center Street Lift Station upgrades will include two 380 gpm pumps, new controls, and a standby generator. Upon completion of this project the new treatment plant will have a Design Average Flow of 0.36 MGD and a Design Maximum Flow of 1.3 MGD.
31	L174500	North Shore Water Reclamation District	6/24/2019	1,688,600.00	0.00	This project includes the rehabilitation of approximately 80 feet of 36-inch forcemain. The existing segments of forcemain were inspected and shown to have joint mortar deterioration, broken wire wraps, and leaking issues. This project will help to ensure the integrity and extend the useful life of the collection system.
32	L174501	North Shore Water Reclamation District	6/24/2019	2,584,270.41	0.00	The project is for the rehabilitation of approximately 1,962 feet of sanitary sewers, ranging in size from 8-inches to 54-inches, along with multiple manholes. The rehabilitation will consist of spot lining, chemical grout repair to joints, and full lining where needed.
33	L174369	Oregon	4/17/2019	1,949,990.46	584,997.14	Proceeds from this loan will be utilized for the City-wide sewer rehabilitation program, which will consist of cured in place lining and spot repairs for approximately 21,697 lineal feet of sanitary sewer. In addition, approximately 30 manholes will be lined, and 10 manholes replaced. No construction permit is required for this work.
34	L174713	Orient	3/1/2019	170,743.30	102,445.98	Rehabilitation of all 10 pump station wet wells including new pumps, new pipe guide rails, discharge piping, pump bases, stainless steel or epoxy coating for various components and walls plus other various pump station improvements.
35	L175516	Rochelle	6/11/2019	7,000,000.00	2,100,000.00	The City is proposing to upgrade aging and deteriorating equipment, while at the same time improving the operation of the water reclamation plant in order to meet effluent water quality standards. This project will convert the existing single stage nitrification activated sludge process to biological nutrient removal (BNR). A key component of the conversion is the existing anaerobic pretreatment lagoon: which will be cleaned-out and restored. Restoration of the lagoon includes a new liner; new cover; new biogas collection system; and biogas flare system restoration. The System 1 Lift Station, is being converted to a submersible pump station to ensure smooth operation of the anaerobic lagoon. The mechanically cleaned screen and grit washer are being replaced to improve the removal of screenings and grit to protect the new BNR project. A new administration building, which will include a new Control Room, is also part of this project. The building will house all staff and vehicles. The city will repurpose two 180" diameter trickling filter slabs to store and dry sludge, which will then be land applied. A new SCADA system will provide operational control and monitoring of the water reclamation plant treatment processes and the sanitary sewer system lift stations. Fiber optic line installation will allow system communication and control at remote buildings on the plant grounds. The Cleveland #2 lift station will be eliminated and replaced with a 15" diameter gravity sanitary sewer that will be tributary to the Jack Dame Drive lift station.
36	L174786	Rock Falls	2/8/2019	938,937.80	281,681.34	The project consists of sewer lining and manhole rehabilitation, which includes: sewer cleaning, installation of approximately 4,200 lineal feet of cured-in-place structural pipe lining within existing 24-inch diameter sewer pipe, and rehabilitation of 12 manholes with spray-on liner.
37	L175658	Rock River Water Reclamation District	6/11/2019	2,519,706.25	0.00	The project consists of the rehabilitation of the sanitary sewer system with cured-in-place pipe lining. The lining will be for 58,494 ft. of sanitary sewers ranging in size from 6-inches to 24-inches along with manholes as needed. There will also be spot repairs made at various locations within the sanitary sewer collection system. This project will help keep inflow and infiltration out of the collection system as well as extend the systems useful life.
38	L175422	Roselle	12/17/2018	2,119,245.00	0.00	The project consists of a lift station having 3 pumps with a rated capacity of 796 gallons per minute at 117 feet of TDH to serve as a replacement of the existing lift station located on Plum Grove Road. There will also be electrical, piping, and other necessary appurtenances to make the project complete and operational.

39	L175546	Savanna	5/31/2019	559,910.64	251,959.79	<p>The city of Savanna will use the proceeds from both Water Pollution Control Loan Program (WPCLP) and Public Water Supply Loan Program (PWSLP) loans for an economic development project that will reconstruct Wacker Road and designate it as a marked truck route from IL-84 to the Easterly City limits. These changes include widening the roadway, sidewalk and larger diameter storm sewer installation. The roadway will be significantly lowered to meet design criteria for drainage. The roadway reconstruction will impact all the utilities in the right-of-way.</p> <p>The WPCLP portion of the project, L175546 (\$559,910.84), will include reconstruction of roughly 1,420 linear feet (LF) of 12" sanitary gravity sewer; extend the gravity sewer from Iris Street to Maple Lane; connect roughly 60 LF of 8" force main to the new gravity sewer at Maple Lane; abandon the force main from Maple Lane to Highway 84 and 6 new concrete manholes. The PWSLP portion of the project, L175547 (\$987,148.54), will include relocation and reconstruction of roughly 1,900 LF of 12" water main; 2,000 LF of 8" water main; new fire hydrants and new water services from the public right of way to the property lines</p>
40	L175552	St. Charles	1/9/2019	739,375.00	0.00	<p>Replacement of the existing lift station at the Northeast corner of South 7th Avenue and Division Street with a single wet well, a new valve vault, two pumps with a rated capacity of 320 gallons per minute, and 680 feet of 6-inch force main. Station will discharge to the existing 6-inch force main tributary to the St. Charles West Sewage Treatment Plant.</p> <p>This project will replace existing combined sewers located along Center Street with separate sanitary and storm sewers within the City of Streator. It will involve the construction of 20 linear feet of 8-inch diameter sanitary sewer; 1,740 linear feet of 10-inch diameter sanitary sewer and 8 manholes. The project will also include 23 storm sewer manholes; 187 linear feet of 8-inch diameter storm sewers; 719 linear feet of 10-inch diameter storm sewers; 330 linear feet of 12-inch diameter storm sewers; 251 linear feet of 15-inch diameter storm sewers; 154 linear feet of 18-inch diameter storm sewers; 1,409 linear feet of 24-inch diameter storm sewers and all related appurtenances and restoration to make the project complete and operational. This project is part of the Long-Term Combined Sewer Overflow (CSO) Compliance Plan the City of Streator has been committed to implementing which will provide a complete separation of storm and sanitary sewers in the Coal Run Creek drainage basin.</p>
41	L174985	Streator	6/24/2019	1,718,210.40	515,463.12	<p>The City will expand the North treatment plant to a DAF of 4.9 MGD and a DMF of 12.42 MGD. The facility will be upgraded with the addition of a new grit removal facility, microscreens, four new sequencing batch reactor (SBR) basins, a new UV disinfection system to replace the existing chlorination/dechlorination process, and the installation of new chemical feed equipment for phosphorus removal.</p> <p>The project consists of the construction of approximately 350 linear feet of 10-inch sanitary sewer, approximately 618 linear feet of 24-inch sanitary sewer, approximately 4,020 linear feet of 30-inch sanitary sewer, 23 manholes, abandonment of existing manholes, traffic control, site restoration, and other appurtenances.</p> <p>This loan will fund the installation of six 4,900 gallons per minute effluent pumps and the construction of a UV Disinfection System designed to treat 19.1 million gallons of wastewater per day.</p>
42	L173033	Sycamore	3/1/2019	20,853,989.00	0.00	<p>The project entails the lining of approximately 43,000 linear feet of 8 to 24-inch sanitary sewer lines via cured-in-place pipe (CIPP) methodology at various locations throughout the Village. The project is a continuation of the Village's ongoing sewer system rehabilitation program.</p>
43	L174937	Westchester	8/31/2018	3,520,103.58	0.00	
44	L175055	Wheaton S.D.	3/1/2019	5,354,541.00	0.00	
45	L175572	Wilmette	6/28/2019	2,000,000.00	0.00	
				Total Amount of Loan Awards	\$ 443,030,696.18	\$ 28,521,561.57

Loan Amendments 7/1/2018 through 6/30/2019

1	L172413	Adams County Water District	12/10/2018	-723.00	0.00	<p>Funds will be utilized to construct a new wastewater collection and treatment system to serve the Villages of Coatsburg, Columbus, Paloma and Fowler. The four communities currently are unsewered.</p> <p>The collection system (sewers) will include approximately 10.7 miles of 6-inch PVC forcemain, four lift stations, and 33,795 linear feet of 8-inch gravity sewer. The treatment facility will include a two-celled, facultative lagoon which will provide primary and secondary treatment, and an irrigation pump system that will transport effluent to a 102-acre irrigation site located southwest of the new plant. The plant is being constructed on a 23-acre site located east of Paloma and 0.75 miles southwest of Coatsburg. This work is covered by EPA Permit Numbers 2006-AA-0715 and 2006-IA-0751.</p>
2	L175350	Aurora	10/17/2018	-587,330.34	0.00	<p>Loan eligible construction consists of approximately 8,200 l.f. of RCP storm sewers ranging in size from 12-inches to 60-inches and related appurtenances. Some water main and sanitary sewers will have to be relocated because of the storm sewer construction. There is also some non-eligible construction work that the City intends to do at this time as well.</p>
3	L174909	Belleville	10/17/2018	-17,107.08	0.00	<p>This project consists of the construction of the South Side Park wastewater pump station, forcemains and gravity sewers that are Phase 3 of Belleville's LTCP to alleviate CSO overflows. The project includes the following: a lift station having two mechanical bar screens and four submersible pumps; two parallel force mains that are each 6,685 feet of 48-inch diameter force main; 415 feet of 24-inch diameter combined sewer; 255 feet of 36-inch diameter combined sewer; 769 feet of 48-inch diameter combined sewer; 526 feet of 60-inch diameter combined sewer; 820 feet of 84-inch diameter combined sewer; nine CSO control structures; five manholes; a telescopic boom lift; a scissor lift; an emergency electrical generator; lift station bituminous pavement and concrete pavement; sanitary sewer lateral replacement; lift station belt conveyor; SCADA system; valves and miscellaneous appurtenances; demolition; and necessary construction area restoration.</p>
4	L175354	Belleville	1/24/2019	-11,007.41	0.00	<p>The project consists of pump station improvements, which include: removal of existing pump station equipment; installation of new pumps, motors, valves, piping, fittings; miscellaneous structural, heating, ventilation, air-conditioning and electrical repairs or replacements; a new emergency electrical generator, and construction site restoration.</p>
5	L175406	Breese	1/15/2019	-4,296.94	0.00	<p>New lift station on Memorial Drive to off load flow from existing East Lift Station directly to WWTP. Also included is approximately 6,938 feet of 14-inch diameter force main, approximately 15 feet of 18-inch diameter sanitary sewer, 1 manhole and other related appurtenances.</p>
6	L174102	Bridgeview	7/11/2018	-94,864.14	0.00	<p>The project includes the rehabilitation of 349 sanitary sewer manholes. Detailed construction includes the adjustment of 109 manholes, replacing the cone section on 10 manholes, installation of new frames on 194 manholes, raising 35 manholes, and installation of 1 bolt down frame/lid and miscellaneous improvements for project completion.</p>
7	L173962	Champaign	10/25/2018	-100,493.00	0.00	<p>The project consists of improvements to the City of Champaign Sanitary Sewer System. The work includes the following:</p> <ul style="list-style-type: none"> -Cured-in-place lining of 660 linear feet of 6-inch diameter sanitary sewer. -Cured-in-place lining of 37,000 linear feet of 8-inch diameter sanitary sewer. -Cured-in-place lining of 1,100 linear feet of 10-inch diameter sanitary sewer. -Cured-in-place lining of 900 linear feet of 12-inch diameter sanitary sewer. -Miscellaneous appurtenances. -Restoration.
8	L174108	Champaign	10/25/2018	-119,305.00	0.00	<p>No permit is required for this work.</p> <p>The project consists of the following improvements to the City of Champaign Sanitary Sewer System: Cured-in-place lining of 2,637 linear feet of 10-inch diameter sanitary sewer; Cured-in-place lining of 1,366 linear feet of 12-inch diameter sanitary sewer; Rehabilitation of 19 sanitary sewer manholes; Various green infrastructure drainage improvements to the John Street area; Miscellaneous appurtenances, and; Restoration.</p>

9	L175333	Champaign	6/4/2019	-412,064.73	0.00	Phase 2 of the West Washington Street drainage improvements project, which includes the following: construction of a 17.8 acre detention basin with 6,125 linear feet of 12-inch to 54-inch diameter storm sewers that will connect to the Phase 1 detention basin. Phase 2 will also include green features, such as native plants, rain garden/bio-retention, and curb cuts that drain into bio-swales.
10	L172509	Chicago	8/15/2018	-10,143.00	0.00	The project consists of the replacement of combined sewers in the West Ardmore Avenue, North Linder Avenue and North Luna Avenue area of the City of Chicago. Specifically, the work includes the construction of approximately 1,300 linear feet (L.F.) of 42 inch diameter, 700 L.F. of 36 inch diameter, and 460 L.F. of 24 inch diameter reinforced concrete pipe, 10 L.F. of 21 inch diameter and 50 L.F. of 12 inch diameter vitrified clay pipe, manholes, a junction structure and connection to the existing MWRDGC connecting structure, and restoration. This work is covered by IEPA Construction Permit Number 2006-HB-1800.
11	L172019	Clifton	10/17/2018	-879.00	0.00	The project consists of a village-wide sanitary sewer collection system consisting of a lift station with 2 pumps and 2,074 feet of 6-inch force main, a lift station with 2 pumps and 807 feet of 6-inch force main, a lift station with 2 pumps and 1,045 feet of 8-inch force main, a grinder lift station with 1 pump and 45 feet of 1.25 inch force main, a grinder lift station with 1 pump and 397 feet of 1.5 inch force main, a grinder pump station with 1 pump and 1,250 feet of 2-inch force main, 40,774 feet of 8-inch sanitary sewer, 7,225 feet of 10-inch sanitary sewer, 202 manholes, 21,773 feet of 4-inch lateral sewer (public right-of-way), miscellaneous appurtenances, and site and road restoration for a complete operational collection system with discharge to the Clifton sewage treatment plant. The Clifton sewage treatment project consists of the construction of a recirculating sand filter wastewater treatment facility, including sitework, piping, equipment, electrical and instrumentation/control, and lab/control building. The STP will be rated with a Design Average Flow of 0.200 MGD and a Design Maximum Flow of 0.500 MGD. This work is covered by IEPA Permit Numbers 2007-AA-2960 dated February 7, 2007 and 2008-IA-5149 dated March 25, 2008.
12	L173546	Colona	9/25/2018	-14,958.00	0.00	This project consists of the construction of a new mechanically cleaned perforated bar screen with 1/4-inch openings, a Parshall flume with 6-inch throat width to control the velocity of flow through the bar screen, demolition of the existing mechanical bar screen, piping, electrical and other appurtenances. This work is covered by IEPA Construction Permit Number 2009-AB-2106.
13	L175250	Crystal Lake	4/17/2019	-200,827.80	0.00	This loan will fund improvements at the Village of Crystal Lake Waste Water Treatment Plants (WWTP) number two (2) and three (3) as detailed below. WWTP #2- construction of one 68-ft diameter anaerobic digester with cover, heating system, mixers, and control building, retrofit the existing anaerobic digester covers, heating system, and mixers, installation of two dual purpose centrifuges in new building, and rehabilitation of existing clarifiers. WWTP #3- Retrofit the existing aerobic digester with upgrades to the covers, diffuser, blowers, and controls. Replace the filter media and repair the trickling filters.
14	L175329	Decatur	8/14/2018	-725,242.82	0.00	The purpose of this project is to repair critical sewers within the City of Decatur's wastewater collection system. Construction will consist of cleaning and lining 22,636 feet of sanitary sewers using cured-in-place pipe (CIPP) which is a trenchless rehabilitation process. In addition, 99 manholes and structures will be rehabilitated using spray-applied coating; a new manhole will be installed; and 50 feet of sanitary sewer will be replaced beneath an urban street. All sewers will be televised before and after lining occurs.
15	L175410	Decatur S.D.	6/21/2019	-25,049.25	0.00	Project includes Cured-In-Place lining of 7,100 linear feet of 36-inch diameter sewer and 50 linear feet of 48-inch diameter sewer to reduce infiltration and inflow and provide a more dependable sanitary sewer system within the project area. Cleaning and inspection of the sanitary sewer will also be included as part of this project.
16	L174274	Elmhurst	10/19/2018	-103,758.68	0.00	Funds will be utilized to construct a third anaerobic digester. The project also includes a new digester #3 control building which will house the pumps, electrical equipment, and a combination boiler/heat exchanger dedicated to the new digester. The existing gas conditioning system and dry sludge storage building will both be replaced. This work is covered by IEPA Construction Permit Number 2010-AB-0746.
17	L175387	Evanston	10/17/2018	-12,213.90	0.00	Project includes Cured-In-Place lining of 835 linear feet of 60-inch diameter sanitary sewer to reduce infiltration and inflow into the sanitary sewer system and eliminate sewer overflows and basement back-ups. Cleaning and inspection of the sanitary sewer will also be included as part of this project.

18	L174917	Forrest	9/6/2018	-91,641.42	0.00	The project consists of improvements to the Village of Forrest Wastewater Treatment Plant. Specifically, the project known as Phase 1 includes the following: Influent distribution box; Bar screen; Primary clarifier to replace the existing inhoff tank; Primary sludge transfer pump station; Aerobic digester; Blower equipment; Influent wet and dry weather pump station with associated valve and flow meter manholes and controls; Electrical and process controls work; Sitework, piping, fencing, roadways and miscellaneous appurtenances, and; Restoration.
19	L175363	Frankfort	9/26/2018	-156,033.60	0.00	Construction of a new North Headworks Pumping Station and a new West Pumping Station to pump sewage to the Regional Wastewater Treatment Plant (WWTP). Complete upgrades to the Preliminary Treatment Building and construct new Lab Building at the Regional WWTP to improve efficiency.
20	L172447	Glen Carbon	6/18/2019	-14,631.10	0.00	The project consists of constructing a wastewater forcemain extension, aeration structure and lift station improvements, which includes: 14,300 feet of 20-inch diameter PVC forcemain; connections to existing forcemain and sewer; fittings; granular backfill and bedding material; sirect and driveway repairs; concrete aeration structure; vortex insertion and installation; piping; set-over manholes; 5 lift station pumps, drive units, control panel, variable frequency drive and associated equipment; modifications to the lift station and piping; an emergency electrical generator; a portable 60kW generator for lift station operations; electrical work; bypass pumping; SCADA system for 27 lift stations; miscellaneous appurtenances; and construction site restoration and seeding.
21	L175226	Highwood	8/1/2018	-41,439.13	0.00	This project consists of sewer lining and improvements to rehabilitate parts of the sewer collection system, which will reduce I/I and extend the useful life of the system. The project includes construction of the following: 4,128 linear feet of cured-in-place sewer pipe lining that ranges in size from 6-inches to 12-inches in diameter; repair, trim, reinstaate sanitary laterals and sewers; replace and adjust sanitary manholes; and removal and restoration of roadways.
22	L171421	Hinckley	7/11/2018	-32,791.38	0.00	This project will upgrade and expand the current WWTP for an average design flow of 0.50 million gallons per day (MGD) with a design maximum flow of 1.25 MGD. Major components include: <ul style="list-style-type: none"> - Replacement of existing rotating biological contactors with a new diffused aeration system - New mechanical screen - Two additional clarifiers - Two aerobic digesters - Biosolids dewatering equipment - Ultraviolet disinfection system - SCADA system - Chemical feed system for phosphorus removal - Refurbishing of the raw sewage pumping station.
23	L175070	Joliet	8/14/2018	-219,899.21	0.00	Funds will be used to construct a lift station consisting of two wet wells with each wet well containing two variable submersible non-clog high frequency pumps with one pump rated at 9,025 gpm and one pump rated at 17,360 gpm, a primary screen house consisting of two intake bays with each containing a rotating mechanical screen and all necessary pipes and appurtenances for the screening and pumping of influent wastewater into the treatment system.
24	L175292	Lakewood	9/19/2018	-65,152.66	0.00	The project entails the installation of a lift station having 2 pumps with a rated capacity of 390 gpm, 6,424 feet of 8-inch force main, 30 feet of service sewer, 733 feet of 8-inch sanitary sewer, 15 feet of 10-inch sanitary sewer, 1,280 feet of 15-inch sanitary sewer and 12 manholes.

25	L172979	Lindenhurst S.D.	2/21/2019	-37,265.28	0.00	<p>The North STP upgrade consists of the following specific improvements:</p> <ul style="list-style-type: none"> -Addition of a third oxidation ditch and two nutrient removal tanks with a chemical phosphorus removal system as a back-up. -Three new tertiary filters (disk filter system) to replace the existing traveling bridge filters. -Replace the existing influent screening with two mechanically cleaned fine screens and replace two influent pumps with five pumps each rated at 1,000 gallons per minute. -Install a new centrifuge with biosolids control building and construct a covered dewatered sludge storage building. -Install new ultra-violet disinfection facilities and convert two existing biosolids storage tanks to aerobic digesters. -Rehabilitation of the blower building and three new digester blowers. -An emergency generator, return/waste activated sludge pump, nutrient removal recycle pumps and demolition/decommissioning of the South Treatment Plant. -All necessary piping, electrical, miscellaneous appurtenances and site restoration to make the project complete and operational. <p>This work is covered by IEPA Construction Permit Number 2009-AB-2384.</p>
26	L175157	Marengo	10/17/2018	-5,601.46	0.00	<p>Construction generally consists of:</p> <p>Preliminary Treatment - new three floor structure, screening equipment, raw sewage pumping station, chemical feed system, and odor control.</p> <p>Secondary Treatment - three sequencing batch reactors and aeration/mixing equipment.</p> <p>Tertiary Treatment - new one story structure, disc filters, UV disinfection equipment, and aeration equipment.</p> <p>Also included in this project are a SCADA control system, electrical equipment, demolition of some existing structures, site work and all related appurtenances required to complete this facility upgrade and expansion.</p>
27	L174621	Metropolitan Water Reclamation District of Greater Chicago	8/15/2018	-25.00	0.00	<p>The project consists of the rehabilitation of the Des Plaines River Intercepting Sewer of the Metropolitan Water Reclamation District of Greater Chicago. Specifically, the work entails the following:</p> <ul style="list-style-type: none"> - Installation of cured in place pipe (CIPP) lining of the following sewers: <ul style="list-style-type: none"> 250 linear feet (LF) of 10-inch diameter pipe 1,788 LF of 20-inch diameter pipe 1,645 LF of 30-inch diameter pipe 1,300 LF of 26-inch by 39-inch semi-elliptic pipe 2,055 LF of 39-inch diameter pipe 2,821 LF of 45-inch diameter pipe 3,097 LF of 48-inch diameter pipe 2,652 LF of 54-inch diameter pipe 1,112 LF of 66-inch diameter pipe - Rehabilitation of 1,349 LF of 8-foot by 4.5-foot box concrete pipe - Rehabilitation of one inverted siphon - Rehabilitation of 62 manholes - Rehabilitation of one connecting chambers structure - Raising and rebuilding two manholes - Abandonment of 290 LF of 20-inch and 70 LF of 12-inch diameter pipe - Abandonment of two siphon structures - Cleaning of 500 LF of 8-foot by 4.5-foot box concrete pipe - Replacement of 10 slide gates - Miscellaneous appurtenances - Restoration <p>The sites of construction are located in the Villages of Maywood, Melrose Park, Forest Park and</p>

28	L175162	Metropolitan Water Reclamation District of Greater Chicago	10/25/2018	-8,656,068.50	0.00	This project includes the rehabilitation of the three existing concrete tanks in the sludge control building, new grinders and pumps for the tanks, and a new odor control system will be installed. The existing flare system in the waste gas control building will also be rehabilitated and a new waste receiving station building will be constructed. All this work will take place at the Calumet Water Reclamation Plant.
29	L175171	Metropolitan Water Reclamation District of Greater Chicago	10/17/2018	-54.00	0.00	The project consists of the installation of a side stream nitrogen removal system, miscellaneous associated piping, electrical equipment, and all the necessary appurtenances to make the project complete and operational.
30	L175222	Metropolitan Water Reclamation District of Greater Chicago	8/15/2018	-112,465.00	0.00	The project consists of work mainly located in Battery C of the Stickney Water Reclamation Plant. The work includes replacing the airlift umbrellas, rehabilitating sludge boxes, and installing slide gates and walkways for the sludge box outlets to the return activated sludge channel of Battery C. The project also includes replacing all the dresser couplings and pipe spool pieces for the air mains in manholes at the Y-walls of the aeration tanks and at the channels around the tanks, as well as replacing the fine bubble diffuser plates in aeration tank nos. 6, 7, and 8.
31	L175355	Metropolitan Water Reclamation District of Greater Chicago	10/17/2018	-62,478.21	0.00	The project consists of the lining of approximately 5,828 feet of 18-inch and 21-inch sanitary sewers along with 20 manholes along with all the necessary appurtenances.
32	L175366	Metropolitan Water Reclamation District of Greater Chicago	6/12/2019	-227,917.79	0.00	Conversion of the existing gravity concentration tanks to utilize for phosphorus removal, including miscellaneous associated piping, electrical equipment, and all the necessary ancillary appurtenances to make the Stickney Water Reclamation Plant complete and operational.
33	L175368	Metropolitan Water Reclamation District of Greater Chicago	10/17/2018	-11.69	0.00	The project consist of the installation of safety railing around all the aeration tanks at the Stickney WRP.
34	L175371	Metropolitan Water Reclamation District of Greater Chicago	4/17/2019	-121,732.90	0.00	This project consists of the installation of safety railing around all the aeration tanks at the Calumet Water Reclamation Plant.
35	L174969	Moline	5/16/2019	-994,304.91	0.00	Provide two new mechanical screens each capable of handling 45 MGD followed by an influent pumping station consisting of two pumps each with the rated capacity of 4,160 gpm @ 56 feet of TDH and three pumps each with the rated capacity of 7,690 gpm @ 55 feet of TDH; modify two existing 70 foot diameter primary clarifiers and primary clarifier splitter/excess flow diversion structures and furnish two new clarifier mechanisms with a side water depth of 13 feet 9.5 inches, each capable of handling an average flow of 2.75 mgd and a peak flow of 6.875 mgd. Modify the existing two contact aeration tanks by raising the wall by approximately 2.75 feet and provide new fine bubble aeration equipment in all six aeration tanks; procure four new high speed aeration blowers each with the capacity of 2,000 scfm; provide two new final clarifiers each 95 feet in diameter with 15 feet of side water depth along with new clarifier mechanisms. Provide a new sodium hypochlorite chlorination disinfection system in the new contact tank, and two additional sludge storage tanks with the total capacity of 185,000 gallons. Also provide piping, return activated sludge pumps, waste activated sludge pumps, booster pump, rapid mixers, sludge storage tank mixing system, sampler, controls and instrumentation.
36	L173134	Morrison	5/16/2019	-545,968.13	0.00	Convert the existing two final clarifiers each of 65 feet x 65 feet x 9 feet into excess flow clarifiers and provide the equipment in all four final clarifiers (two new and two old ones), provide sodium hypochlorite disinfection in the existing tanks for the excess flow treatment unit. The project entails the construction of a new wastewater treatment plant consisting of: installation of a mechanical screen with a manually cleaned by-pass bar screen, grit removal equipment, influent flow meter and sampling equipment; installation of a new package activated sludge treatment plant consisting of aeration basins, two rectangular clarifiers and two aerobic digester tanks; installation of biosolids thickening and dewatering facilities, a sludge storage facility, blowers, UV disinfection equipment, and final sampling and metering equipment; construction of a flow equalization pond and miscellaneous associated piping and electrical equipment along with all necessary ancillary appurtenances.
37	L174974	Morrison	5/16/2019	-108,929.92	0.00	The project consists of the construction of two new pump stations (Waterworks Park and Genesee Avenue) and the installation of 466 feet of service sewer, 1,619 feet of 12-inch sanitary sewer, 731 feet of 18-inch sanitary sewer, 1,233 feet of 24-inch sanitary sewer, 693 feet of 30-inch sanitary sewer, 303 feet of 36-inch sanitary sewer, and 19 manholes to serve existing flow at Genesee Street and Genesee Avenue.

38	L173663	Mount Morris	2/28/2019	-75,645.00	0.00	This project consists of the replacement of the existing wastewater treatment facility with a new extended aeration activated sludge wastewater treatment facility with a design average flow of 0.8 million gallons per day (MGD) and a design maximum flow of 2.7 MGD. Specifically, the work will include mechanical screens, flow metering, influent pumping station, two oxidation ditches, chemical phosphorus removal, two final clarifiers, sludge pumping station, ultraviolet disinfection equipment, two aerobic digesters, blowers, liquid sludge storage, buildings, control equipment, piping, mechanical, electrical and site work, outfall sewer, restoration, and miscellaneous appurtenances. This work is covered by IEPA Construction Permit Number 2011-AB-1672.
39	L172207	New Memphis S.D.	8/21/2018	-60,640.00	0.00	The New Memphis Sanitary District proposes to construct a lift station having 2 pumps (180 gpm at 60 ft. of TDH), 6,000 ft. of 6-inch forcemain, 13,699 ft. of 8-inch sanitary sewer, 59 manholes and a two-cell covered aerated sewage treatment lagoon with a polishing reactor and miscellaneous appurtenances. This work is covered by IEPA Permit numbers 2006-AA-0338 and 2006-IA-0339.
40	L172899	Newark S.D.	10/17/2018	-35,933.50	0.00	The proposed project consists of improving the Village's existing wastewater treatment plant in order to replace outdated/failing equipment, provide for ammonia removal, provide for phosphorus removal, and meet future expansion needs. This loan covers Phase I of the proposed improvements, which specifically entails modifying and supplementing the existing aerated lagoon system.
41	L172520	Payson	5/21/2019	-3,704.00	0.00	The Village of Payson plans to construct a new sequencing batch reactor system sewage treatment plant that will result in rated capacities of 0.15 MGD design average flow and 0.55 MGD design maximum flow. The project includes construction of an influent bypass manhole and Parshall flume, influent mechanical screening, sequencing batch reactor structure and equipment, flow equalization basin, flow equalization effluent structure, 885 feet of yard piping, 3 manholes, UV disinfection system, emergency electric generator, a 725 square feet treatment control building, a post-aeration system, aggregate materials, concrete surface and site electrical work. This work is covered by IEPA Permit Number 2009-AB-1944.
42	L173082	Pekin	5/21/2019	-112,913.64	0.00	The project consists of the lining of 5,380 l.f. of 30-inch sewers, 1,000 l.f. of 21-inch sewers, 17 manholes, diversion box improvements, various improvements at WWTP #2, and all the necessary appurtenances to make the project complete and operational.
43	L173003	Pingree Grove	8/15/2018	-28,680.00	0.00	Funds will be utilized to modify the existing WWTP in order to discharge treated effluent to Tyler Creek. Construction will include adding a new chemical feed system, outfall sewer and parshall flume. A cover will also be constructed for the dewatered sludge storage pad. This work is covered by IEPA Construction Permit Number 2011-AB-1100.
44	L173012	Rock Falls	12/10/2018	-23,685.00	0.00	The project consists of the following improvements: Contract 1: Installation of emergency generators and security fencing at seven lift stations. Contract 2: The lining of 775 lineal feet (l.f.) of 24-inch sanitary sewer and 350 l.f. of 12-inch sanitary sewer, and; All necessary site work and appurtenances to make the project complete and operational.

45	L174568	Rock Falls	12/10/2018	-506,430.00	0.00	<p>The following project scope is the same scope of work that was primarily funded under Project L172650 (which also included Project L173013):</p> <p>New Oxidation Ditch STP: Three channel (extended aeration) oxidation ditch with biological nutrient removal capabilities, and seven rotary aeration assemblies; Two clarifiers, a cloth disk three tertiary filter system, chemical feed system and a lab/office/SCADA control building; *6 first and second stage screw pumps; UV disinfection facilities, outfall pipe with cascade aeration, influent/effluent metering and sampling equipment, fine screening, mechanical and manual bar screen and grit removal/washing facilities; Four aerobic digesters with aeration, two belt filter presses and return activated/waste activated sludge pumps; Approximately 40 lineal feet (l.f.) of 42-inch sewer, 280 l.f. of 36-inch sewer, *3,974 l.f. of 24-inch sewer, 295 l.f. of 12-inch sewer, 222 l.f. of 8-inch sewer, 1,311 l.f. of 8-inch water main and *2,902 l.f. of 12-inch water main, and; A bio-solids building, maintenance building, on-site piping, electrical, site restoration and all necessary appurtenances to make the project complete and operational.</p> <p>Lift Station/Force-main Contract: Wet/dry well lift station with four pumps and one excess flow pump; Approximately 8,640 l.f. of 20-inch force main, 35 l.f. of 16-inch force main, 20 l.f. of 12-inch force main, 250 l.f. of 8-inch force main and 6 l.f. of 24-inch force main; 4,000 l.f. of 8-inch water main and *upgrade of the existing excess flow lagoon, and; All necessary site work and restoration to make the project complete and operational.</p> <p>*All or portions of these items are ineligible for loan participation.</p>
46	L174872	Rock Island	12/14/2018	-274,134.08	0.00	<p>The loan will fund the construction of an underground storage tank with a minimum volume of 1.1 million gallons. The tank is commonly known as the Farmall tank and will be used to store flow from combined sewers during high flow wet weather conditions until it can be sent to the Waste Water Treatment Plant. The project will include rerouting the combined sewer system between manhole number 613 & 614 along the side of the storage tank, installation of a long static weir in the sewer pipe near the crown of the sewer along the storage tank, installation of a submersible pump capable of emptying the tank's full capacity within twenty four (24) hours. Pump installation will include necessary electric controls to report as a minimum pump operation and tank level. Fixtures to support periodic manual cleaning of the tank will be installed during construction. Project is part of the U.S. EPA approved Long Term Control Plan.</p>
47	L173201	Rock River Water Reclamation District	12/10/2018	-145,301.18	0.00	<p>This project includes a new 25 million gallon excess flow storage basin, a new excess flow pump station with a total of three pumps and a maximum capacity of 65.4 mgd, along with 1,400 feet of 42-inch force main that discharges into the excess flow basin. The excess flow basin was designed to be a constructed wetland.</p>
48	L175212	Rock River Water Reclamation District	12/10/2018	-88,689.10	0.00	<p>The project consists of the following improvements: Lining approximately 47,153 l.f. of 8-inch sanitary sewer and 5,245 l.f. of 9-inch sanitary sewer; Lining approximately 4,776 l.f. of 10-inch sanitary sewer and 3,453 l.f. of 12-inch sanitary sewer; Lining approximately 2,393 l.f. of 15-inch sanitary sewer; Any sewers that cannot be lined due to sagging pipes, obstructions, or collapsed piping will be repaired by open-cut repair; All necessary site work to make the project complete and operational.</p>
49	L175214	Rock River Water Reclamation District	12/10/2018	-707,637.78	0.00	<p>The project consists of 480 feet of 8-inch sanitary sewer, 2,472 feet of 18-inch sanitary sewer, 417 feet of 20-inch sanitary sewer, 2,713 feet of 21-inch sanitary sewer, 12,442 feet of 24-inch sanitary sewer, 1,385 feet of 30-inch sanitary sewer, and 61 manholes.</p>
50	L175306	Rock River Water Reclamation District	6/7/2019	-74,521.65	0.00	<p>The project consists of the construction of a lift station, approximately 54 feet of 6-inch force main, 3,940 feet of 12-inch force main, 48 feet of 8-inch sanitary sewer, 80 feet of 14-inch sanitary sewer, 888 feet of 15-inch sanitary sewer, 70 feet of 18-inch sanitary sewer, 33 feet of 24-inch sanitary sewer, 7 manholes, the abandonment of the Winnebago WWTP and all the necessary appurtenances to make the project complete and operational.</p>
51	L175477	Rock River Water Reclamation District	12/10/2018	-78,168.13	0.00	<p>The project consists of the lining of approximately 35,977 feet of 8-inch sanitary sewer, 7,896 feet of 9-inch sanitary sewer, 12,977 feet of 10-inch sanitary sewer, 9,945 feet of 12-inch sanitary sewer, 5,478 feet of 15-inch sanitary sewer, 5,971 feet of 18-inch sanitary sewer, 207 feet of 24-inch sanitary sewer, 3,169 feet of 27-inch sanitary sewer, 1,002 feet of 30-inch sanitary sewer, along with miscellaneous point repairs and site restoration.</p>

52	L175419	Roselle	10/17/2018	-3,719.53	0.00	<p>The project consists of WWTP improvements at two different plants in Roselle. The Botterman WWTP will have a scum separator installed in the influent pump station building, one influent pump will be removed and the remaining four pumps will be modified to increase their capacity to 1,350 gpm each.</p> <p>The Devlin WWTP will have the manual valves replaced in the digesters and also have three new aluminum covers installed on the aerobic digesters. There will also be site work restoration along with all the necessary appurtenances to make the project complete and operational.</p>
53	L174971	South Beloit	1/7/2019	-87,675.57	0.00	<p>The proposed construction for this project entails the installation of cured-in-place lining of 6,164 linear feet (l.f.) of 8-inch diameter main, 885 l.f. of 10-inch main, 446 l.f. of 12-inch main, 49 l.f. of 18-inch main, 327 l.f. of 21-inch main, and 38 manholes. Also included are associated pipe cleaning, joint repairs, and all necessary appurtenances for pipe and manhole rehabilitation. Investigative televising of both sanitary mains and laterals will be performed to determine the scope of next year's project. This televising is not eligible for loan funding as this is considered planning for a future project and not within the scope of the current project. Additionally, 146 lateral cleanouts will be installed using City funds as they are located on private property and not eligible for loan participation.</p>
54	L175348	Springfield	4/17/2019	-254,970.83	0.00	<p>The project consists of the rehabilitation of sanitary sewers along Cook Street. The City will replace approximately 3,468 feet of 24-inch sanitary sewers, some manholes, 590 feet of damaged storm sewers, and all the necessary appurtenances to make the project complete and operational. This is Phase 2 of the City's construction projects, Phase 1 was L175122.</p>
55	L175123	Taylorville	7/11/2018	-40,604.59	0.00	<p>With receipt of this loan, the City of Taylorville will undertake construction on a new storm sewer which will consist of approximately 142 feet of 12 inch, 236 feet of 15 inch, 13 feet of 18 inch, 29 feet of 24 inch, 60 feet of 30 inch, 22 feet of 36 inch and 1401 feet of 48 inch storm sewers with manholes and inlets. Work will occur on Silver Street from Park Avenue and on Elm Street from Silver Street to Cheney Street and continue West to West Elm Street. Storm sewers do not require a permit from the Illinois EPA.</p>
56	L174906	Trenton	4/30/2019	-620,667.46	0.00	<p>The project consists of the construction of a new wastewater treatment plant (WWTP) that includes the following: demolition; sludge removal; a new terminal lift station and headworks; a new mechanical bar screen with upstream manually cleaned bar screen for bypass; a single cell, baffled, aerated lagoon; a two cell, two train, moving bed biofilm reactor; an automatic backwash, cloth disk, high rate filtration system; a backwash pond with effluent structure and splash pad; an approximately 45 x 113 feet, masonry, filter building that also includes areas for a lab/office, bathroom, utility room and chemical room; an ultraviolet disinfection structure and system; an outfall structure; pumps; blowers; piping; sluice gates; valves; mixers; chemical systems; meters; plumbing; HVAC; electrical; installation of a new SCADA system to allow for monitoring and control of the WWTP operations; rip-rap/bedding; concrete paving and base course; aggregate surfacing; curbs; sidewalks; generator pad; site grading and seeding.</p>
57	L172929	Viola	8/20/2018	-28,979.80	0.00	<p>The project consists of a two-cell aerated lagoon replacing the existing stabilization lagoon, two 5 HP floating mixer assemblies, a baffle for cell #1 and insulated cover system for cells #1 and #2. A new vertical screen, two blowers rated at 25 HP each, both capable of delivering 432 SCFM of air. The influent lift station will have 602 feet of 6-inch forcemain re-routed and have a rated capacity of 460 gpm at 78 feet of TDH. Two submersible pumps will be replaced in the excess flow lift station with the partially re-routed 935 feet of 6-inch forcemain having a rated capacity of 390 gpm at 78 feet of TDH. The mechanical screen will have one wash water pump rated at 30 gpm at 90 feet TDH. This work is covered by IEPA Permit Number 2010-AB-2840.</p>
58	L172756	Washington	3/20/2019	-65,409.00	0.00	<p>The project consists of the Phase 1 improvements to the City of Washington Sewage Treatment Plant No. 2. Specifically, the work includes the following: Raw sewage pump; Mechanical bar screen; Single stage activated sludge oxidation ditch; Two 65 foot diameter final clarifiers; Return activated sludge pumps; Scum pump; Phosphorus removal equipment; Conversion of existing aeration tanks to aerobic digestion; Sludge drying beds; Two chlorinators; Two gas sulfonators; Miscellaneous appurtenances, and; Restoration.</p> <p>Upon completion, the sewage treatment plant will have a design average flow of 1.56 MGD and a design maximum flow of 5.29 MGD.</p>

59	L175053	Wheaton S.D.	5/30/2019	-188,443.86	0.00	This loan will fund the tertiary sand filter improvements at the Wheaton Sanitary District's waste water treatment facility. Work will include the removal of eight existing tertiary sand filters with a surface area of 372 ft ² and replacement with five disk filters with a total surface area of 7448 ft ² ; removal of the bypass weir in the tertiary filter building influent structure; repurpose the 42-inch bypass flow line for use as a tertiary filter feed line to supplement the existing 42-inch tertiary filter feed line. Two disk filters with a total surface area of 2980 ft ² will be put into temporary service during construction.
60	L175509	Wilmette	5/3/2019	-37,751.72	0.00	The project entails the lining of approximately 23,700 lineal feet of sanitary sewer lines via cured-in-place pipe (CIPP) methodology at various locations throughout the Village. The project's goal is a continuation of the Village's ongoing sewer system rehabilitation which was originally initiated in 1991 to reduce inflow and infiltration, increase wastewater transportation capacities, prolong the life of existing pipes and mitigate basement backups and street flooding that occur.
61	L174157	Wood River	10/17/2018	-63,932.93	0.00	This project consists of separation of the combined sewer by construction of a new storm sewer, converting the existing combined sewer into a separate sanitary sewer, and installing three storm water pump stations. The major components of this construction project are: 3,006 ft. of 12-inch storm sewer, 1,729 ft. of 15-inch storm sewer, 1,906 ft. of 18-inch storm sewer, 3,895 ft. of 24-inch storm sewer, 330 ft. of 30-inch storm sewer, 2,741 ft. of 36-inch storm sewer, 1,300 ft. of 42-inch storm sewer, 1,023 ft. of 48-inch storm sewer, 2,229 ft. of 54-inch storm sewer and 629 ft. of 60-inch storm sewer; 269 ft. of 19-inch elliptical storm sewer, 28 ft. of 24-inch elliptical storm sewer, 628 ft. of 29-inch elliptical storm sewer, 380 ft. of 38-inch elliptical storm sewer and 69 manholes; 7,462 ft. of 16-inch force main and 2,173 ft. of 48-inch force main; 3 pumps, and; All necessary appurtenances and site restoration to make the project complete and operational.

Total Amount of Loan Amendments	\$ (17,542,913.73)
Total Amount of Loan Awards	\$ 443,030,696.18
Net Amount of Loan Agreements and Loan Amendments	\$ 425,487,782.45
Total Amount of Principal Forgiveness Provided	\$ 28,521,561.57

Attachment B

WPCLP Financial Statements

Pages 10-14 and 15-6 from Independent Accountants' Report

Illinois Environmental Protection Agency
Schedule of Net Position - Waste Water
June 30, 2019

Assets and Deferred Outflows of Resources

Cash & Cash Equivalents	
Cash - State Treasurer - Fund 270	\$ 68,560,043
Cash & Equivalents - Trustee	7,094,996
Cash & Equivalents - Trustee - Restricted	105,277,932
Receivables	
Loans Receivable	3,179,661,569
Interest Receivable	12,876,312
Loan Support Receivable	7,952,822
Investments - Restricted	185,597,721
Total Assets	3,567,021,395
Deferred Outflows of Resources - Deferred Amount on Bond Refunding	104,469
Total Assets and Deferred Outflows of Resources	\$ 3,567,125,864

Liabilities, Deferred Inflows of Resources and Net Position

Bonds Payable	
Bonds Payable - Current	\$ 42,129,008
Bonds Payable - Non Current	800,962,298
Unamortized Bond Premiums (Discounts) - Current	17,227,278
Unamortized Bond Premiums (Discounts) - Non Current	118,173,868
Interest Payable on Bonds	15,227,128
Total Liabilities	993,719,580
Deferred Inflows of Resources - Deferred Amount on Bond Refunding	13,787
Total Liabilities and Deferred Inflows of Resources	993,733,367
Net Position	
Restricted:	
USEPA Capitalization Grants	1,692,315,629
USEPA Capitalization Grants - ARRA	88,124,109
Loan Program Equity from Loan Support	15,000,000
State Match	367,395,373
Debt Service	75,971,875
Unrestricted - Waste Water	334,585,511
Total Net Position	2,573,392,497
Total Liabilities, Deferred Inflows of Resources and Net Position	\$ 3,567,125,864

Illinois Environmental Protection Agency
Income and Expense Schedule - Waste Water
Period Ended June 30, 2019

	<u>Current Month</u>	<u>Fiscal Year-to-Date</u>
Operating Revenues		
Miscellaneous Revenue	\$ 84	\$ 190
Total Interest Earned	2,297,624	30,568,169
Loan Support Billed	1,983,083	24,673,430
	<hr/>	<hr/>
Total Operating Revenues	4,280,791	55,241,789
Operating Expenses		
Administrative Expense - Payroll	239,058	2,859,453
Administrative Expense - Miscellaneous	34,845	378,695
Loan Support Expense - Payroll	680,417	8,304,095
Loan Support Expense - Miscellaneous	71,010	1,386,310
Compliance Grants	19,206	1,323,116
Principal Forgiveness	885,635	19,583,647
	<hr/>	<hr/>
Total Operating Expenses	1,930,171	33,835,316
Total Operating Income (Loss)	2,350,620	21,406,473
Non-Operating Revenues		
Interest on Cash - State Treasury	157,054	1,924,236
Interest on Trustee Funds	549,311	2,400,711
Gain(Loss) on Investment Sales	90,112	368,671
Drawdowns - Loans	-	79,749,725
In-Kind Grant Income	7,366	148,696
	<hr/>	<hr/>
Total Non-Operating Revenues	803,843	84,592,039
Non Operating Expenses		
Bond Interest Expense	(4,554,475)	23,068,703
Trustee Expense - WW	(19,000)	-
IFA Management Fee	-	75,000
Investment Fee	-	74,409
Arbitrage Expense - WW	19,000	19,000
Bond Issuance Costs - WW	17,929	1,212,649
	<hr/>	<hr/>
Total Non-Operating Expenses	(4,536,546)	24,449,761
Total Non-Operating Income (Loss)	5,340,389	60,142,278
Net Income (Loss)	7,691,009	81,548,751
Transfer Between Loan Programs	-	(39,285,408)
Net Position, Beginning of Period	2,565,701,488	2,531,129,154
	<hr/>	<hr/>
Net Position, End of Period	\$ 2,573,392,497	\$ 2,573,392,497
	<hr/>	<hr/>

Illinois Environmental Protection Agency
Cash Flow Schedule - Waste Water
Fiscal Year-to-Date for Period Ended June 30, 2019

CASH FLOWS FROM OPERATING ACTIVITIES

Cash Receipts from Interest on Program Loans	\$ 23,527,444
Cash Receipts from Loan Support on Program Loans	23,764,908
Cash Receipts from Miscellaneous Sources	190
Cash Payments for Miscellaneous Services	(2,939,427)
Cash Payments to Employees for Services	(11,163,548)
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	<u>33,189,567</u>

CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES

Grants Received (LOC Drawdowns)	79,749,725
Transfers-out from WW to DW	(39,000,000)
Bond Principal Payments	(40,527,768)
Interest Paid on Bonds	(31,850,862)
Proceeds from borrowing, net of underwriter's discount	254,783,412
Other Bond Issuance Costs	(380,109)
NET CASH PROVIDED (USED) BY NON-CAPITAL FINANCING ACTIVITIES	<u>222,774,398</u>

CASH FLOWS FROM INVESTING ACTIVITIES

Purchase of Investments	(1,759,716,892)
Program Loans - Disbursements	(360,610,020)
Program Loans - Principal Repaid	184,926,150
Proceeds from Sale and Maturities of Investments	1,579,488,040
Cash Receipts from Interest on Funds with the State Treasurer	1,924,236
Interest on Investments (Trustee)	2,400,712
IFA Management Fee	(75,000)
Investment Fee	(74,409)
Arbitrage Payments for 2002/2004 bonds	(19,000)
NET CASH PROVIDED (USED) BY INVESTING ACTIVITIES	<u>(351,756,183)</u>

NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS (95,792,218)

CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR 276,725,189

CASH AND CASH EQUIVALENTS AT END OF PERIOD \$ 180,932,971

RECONCILIATION OF NET INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES

Income(Loss) from Operations	\$ 21,406,473
Adjustments to Reconcile Income from Operations to Net Cash Provided by Operating Activities:	
Principal Forgiveness	19,583,647
Contractual Services Paid through Grant	148,696
(Increase) Decrease in Assets:	
(Increase) Decrease in Loans Receivable	(10,158,347)
(Increase) Decrease in Interest Receivable	2,209,098
NET CASH PROVIDED BY OPERATING ACTIVITIES	<u><u>\$ 33,189,567</u></u>

Illinois Environmental Protection Agency
Line of Credit, State Match and Bond Premium Activity - Waste Water
Period Ended June 30, 2019

Total Federal LOC	\$ 1,836,963,361
Less:	
Drawdowns - Loans	1,813,838,923
Drawdowns - Administrative	23,022,513
Total Remaining LOC	<u>\$ 101,925</u>
Total Federal LOC - ARRA Loans	\$ 177,243,100
Less:	
Drawdowns - Loans - ARRA Loans	177,243,100
Total Remaining LOC - ARRA Loans	<u>\$ -</u>
Total State LOC	\$ 367,392,672
Less:	
Deposits	319,105,942
Transfers from Loan Support to State Match	48,289,431
Total Remaining State LOC	<u>\$ (2,701)</u>
Balance placed in State Match Trust account	\$ 38,217,000
Less:	
Transfers to Treasury	38,217,000
Amount needing transferred to Treasury	-
Balance available for transfer to the treasury in the trustee state match account	<u>\$ -</u>
2013 Bond Sale	\$ 91,093,321
Plus:	
Premium	10,841,801
Total Proceeds	<u>\$ 101,935,122</u>
2016 Bond Sale	\$ 297,500,000
Plus:	
Premium	54,432,961
Total Proceeds	<u>\$ 351,932,961</u>
2017 Bond Sale	\$ 348,050,000
Plus:	
Premium	65,240,087
Total Proceeds	<u>\$ 413,290,087</u>

Illinois Environmental Protection Agency
Status Report - Waste Water
June 30, 2019

	Fiscal Year-To-Date	Inception to Date
LOAN AWARDS:		
Total Loans Offered	\$ 541,814,353	\$ 6,151,610,680
Less: Disbursements (Loans)	360,610,020	5,619,220,634
Balance of Loans Outstanding	<u>\$ 181,204,333</u>	<u>\$ 532,390,046</u>
 WWLP STATUS:		
State Match Deposits	\$ -	\$ 319,105,942
Transfer from Loan Support to State Match	14,419,808	48,289,431
Bond Sale	254,783,412	1,308,633,375
Letter of Credit Drawdowns - To Replace Fund Equity (Reserve)-2002	-	50,000,000
Letter of Credit Drawdowns - To Replace Fund Equity (Reserve)-2004	-	39,996,019
Letter of Credit Drawdowns - Loans	79,749,725	1,723,842,904
Letter of Credit Drawdowns - Adm. Costs	-	22,054,440
Drawdowns - Stimulus Loans	-	177,243,100
Interest on Cash - State Treasurer (2)	1,924,236	131,464,053
Interest on Unpledged Repayments - Trustee	-	794,423
Interest on Trustee Funds at Debt Service Pay Dates - 2002 Bond Sale	-	18,634,555
Interest on Trustee Funds at Debt Service Pay Dates - 2004 Bond Sale	-	14,414,683
Interest on Trustee Funds at Debt Service Pay Dates - 2013 Bond Sale	2,400,711	6,297,183
Interest on Arbitrage Investments	-	173
Incorrect Transfer to State General Revenue Fund	-	-
In-Kind Grant Income	148,696	1,107,272
AIG Termination Fee	-	1,748,967
Miscellaneous Receipts	190	69,044
Repayments (Principal)	184,926,150	2,287,987,593
Repayments (Interest)	23,527,444	404,673,243
Repayments (Loan Support)	23,764,908	308,412,137
Sales of Investments	1,579,488,040	4,143,693,330
Gain on Sales of Investments (Return of Income) - 2002	-	826,254
Gain on Sales of Investments (Return of Income) - 2004	-	1,110,670
Reserve - Depledge for Series 2002 Bonds	-	50,000,000
Reserve - Depledge for Series 2004 Bonds	-	40,000,000
TOTAL CASH RECEIPTS	<u>2,165,133,320</u>	<u>11,100,398,791</u>
Less: Disbursements to Borrowers	360,610,020	5,619,281,418
Disbursements for Reserve - 2002 - Loaned to DW	-	-
Disbursements for Reserve - 2002	-	50,000,000
Disbursements for Reserve - 2004	-	40,000,000
Disbursements - Adm. Expense	3,238,148	61,621,107
Disbursements - Loan Support	9,690,405	181,264,722
Disbursements - Compliance Grants	1,323,117	19,707,740
Disbursements - Contractual Services (Rent)	-	-
Transfer from Loan Support to State Match	14,419,808	48,289,431
Transfer to Drinking Water State Match	39,000,000	56,858,600
Transfer of State Match from Trustee Accounts	-	62,393,392
Debt Service Payments on Series 2002 Bonds	-	112,089,193
Debt Service Payments on Series 2004 Bonds	-	72,814,066
Debt Service Payments on Series 2013 Bonds	72,378,630	176,802,180
Arbitrage Expense	19,000	2,617,560
Arbitrage Calculation Cost	-	10,200
Trustee Annual Fee - 2013 Bond Sales	-	137,010
Trustee Annual Fee - 2002 Bond Sales	-	119,925
Trustee Annual Fee - 2004 Bond Sales	-	55,800
IFA Management Fee	75,000	202,500
Investment Fee	74,409	201,417
Mandatory Transfer Out	-	4,439
Due from DW	-	285,408
Transfer to DW Loan Program from WW Loan Program	-	17,750,000
Payments to Trustee for Future Bond Debt Service Maturities - 2002	-	28,439,413
Payments to Trustee for Future Bond Debt Service Maturities - 2004	-	37,578,445
Purchase of Investments	1,759,716,892	4,328,895,546
Bond Issuance Costs	380,109	2,046,308
TOTAL CASH DISBURSEMENTS	<u>2,260,925,538</u>	<u>10,919,465,820</u>
NET CHANGE IN CASH BALANCE	<u>\$ (95,792,218)</u>	<u>\$ 180,932,971</u>

Illinois Environmental Protection Agency
 Schedule of Assets and Liabilities - Loan Support
 June 30, 2019

	<u>Drinking Water</u>	<u>Waste Water</u>	<u>Combined</u>
Assets			
Cash & Receivables			
Cash - Loan Support	\$ 6,921,777	\$ 14,241,060	\$ 21,162,837
Loan Support Receivable	2,417,761	7,952,822	10,370,583
Total Assets	<u>\$ 9,339,538</u>	<u>\$ 22,193,882</u>	<u>\$ 31,533,420</u>
Net Position			
Loan Support Net Position	<u>\$ 9,339,538</u>	<u>\$ 22,193,882</u>	<u>\$ 31,533,420</u>
Total Net Position	<u>\$ 9,339,538</u>	<u>\$ 22,193,882</u>	<u>\$ 31,533,420</u>

Illinois Environmental Protection Agency
Income and Expense Schedule - Loan Support
Period Ended June 30, 2019

	Drinking Water		Waste Water		Combined	
	Fiscal Year-To-Date	Inception to Date	Fiscal Year-To-Date	Inception to Date	Fiscal Year-To-Date	Inception to Date
Operating Revenues						
Loan Support Billed	\$ 9,656,329	\$ 75,473,642	\$ 24,673,430	\$ 316,216,950	\$ 34,329,759	\$ 391,690,592
Total Operating Revenues	9,656,329	75,473,642	24,673,430	316,216,950	34,329,759	391,690,592
Operating Expenses						
Loan Support Expense - Payroll & Miscellaneous	2,771,649	40,627,028	9,690,405	181,264,722	12,462,054	221,891,750
Compliance Grants	-	1,898,117	1,323,117	19,707,740	1,323,117	21,605,857
Transferred Loan Support to State Match	8,313,459	17,908,959	14,419,808	48,289,431	22,733,267	66,198,390
Transferred WW Loan Support to DW State Match	-	-	-	17,858,600	-	17,858,600
Transfer from Loan Support to Loan Program Funds	-	5,700,000	-	15,000,000	-	20,700,000
Principal Forgiveness	-	-	-	11,902,575	-	11,902,575
Prior Year Adjustment Due to Timing	(887)	-	-	-	(887)	-
Total Operating Expenses	11,084,221	66,134,104	25,433,330	294,023,068	36,517,551	360,157,172
Total Operating Income (Loss)	(1,427,892)	9,339,538	(759,900)	22,193,882	(2,187,792)	31,533,420
Net Position, Beginning of Period	10,767,430	-	22,953,782	-	33,721,212	-
Net Position, End of Period	\$ 9,339,538	\$ 9,339,538	\$ 22,193,882	\$ 22,193,882	\$ 31,533,420	\$ 31,533,420