

Illinois Environmental Protection Agency

WATER POLLUTION CONTROL LOAN PROGRAM

2018 ANNUAL REPORT

July 1, 2017 – June 30, 2018

Prepared For

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Illinois EPA – Water Pollution Control Loan Program – 2018 Annual Report

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WATER POLLUTION CONTROL LOAN PROGRAM

2018 ANNUAL REPORT: July 1, 2017 – June 30, 2018

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, 2017, to June 30, 2018.

II. Executive Summary

The U.S. EPA awarded Illinois EPA its Federal Fiscal Year (FFY) 2017 capitalization grant in the amount of \$59,962,000 on September 20, 2017 for use in the WPCLP. A total of \$218,105,633 in loan repayments were received during the reporting period, with those receipts consisting of \$196,147,561 in repayment principal and \$21,958,072 in repayment period interest. The WPCLP also received \$4,061,337 from investment income and other miscellaneous receipts. Illinois EPA set aside \$95,000 of the FY 2017 capitalization grant 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 Loan Grant 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 thirty-seven (37) new loans (binding commitments) totaling \$395,572,175.44 and sixty (60) loan amendments totaling (\$32,467,838.19) for a net new funding commitment of \$363,104,337.25. 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 U.S. EPA, 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 2018 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 required public hearings and the Agency conducted outreach via e-mail. The Illinois EPA staff capitalizes on opportunities to make presentations at workshops and conferences to discuss the rule changes. The Illinois EPA will continue to inform loan applicants, consulting engineers and interested parties of these changes.
- b. Develop and implement a revised project prioritization scoring process to use for State FY2019. Illinois EPA will draft the new prioritization process for submittal to JCAR in early 2018 for implementation in the 2019 IUP;
Development of a revised project prioritization scoring system is well underway and anticipated to be complete in the summer/fall of 2018. The Illinois EPA now plans to repeal 35 Ill. Adm. Code Part 366, "Procedures and Requirements for Determining Loan Priorities of Municipal Wastewater Treatment Works" and insert the new scoring system into 35 Ill. Adm. Code Part 365, "Procedures for Issuing Loans from the Water Pollution Control Loan Program". Submittal to JCAR is anticipated in 2018 with implementation in 2019 for the development of the FY2020 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 thirty-seven (37) projects and committed a total of \$363,104,337.25 (net) in new loan resources during the 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 focusing on 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 continues to improve program operations using 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 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 FY2018 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 maintain it as a perpetual source of funding.
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. To provide financial assistance to eligible applicants at interest rates significantly below those offered on the open market;
The Illinois EPA executed a total of thirty-seven (37) loans during the reporting period, with a base interest rate offered during this reporting period of 1.76%. The average open market rate during this time was approximately 3.52%.
- c. Manage the Water Revolving 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 Water Revolving 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.
- d. 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.
- e. 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.
- f. 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. The WPCLP

provided a total of \$363,104,337.25 (net) in funding commitments during the reporting period.

B. Green Project Reserve (GPR) Requirement

As required by the 2017 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 2017 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 2017 capitalization grant is \$22,129,310 which is above the \$5,996,200 required by the FY 2017 capitalization grant agreement. For more information please click on the “CWSRF Green Project Reserve List FY2017” link on the State Revolving Fund Postings page on the Agency website at: <http://www.epa.illinois.gov/topics/grants-loans/state-revolving-fund/postings/index>

C. Additional Subsidy Requirement

By accepting the 2017 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 (\$17,988,600) 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, 2016 (P.L. 114-133) the WPCLP was required to provide a minimum of 10% of the capitalization grant (\$5,996,200) 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, 2017 through June 30, 2018 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. On July 1, 2017, the Loan Rules were modified with Section 365.250 defining the affordability criteria as well as a scoring system which will determine the award of principal forgiveness in the future.

A total of \$18,517,838.95 in principal forgiveness was provided from July 1, 2017 through June 30, 2018. 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 2017 capitalization grant. Attachment A contains the loan recipients which received the 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 2017 capitalization grant to the Illinois EPA on September 20, 2017 in the amount of \$59,962,000. All grant proceeds will be used to secure binding loan commitments, with administrative costs in the amount of \$3,319,616 supported by fund equity during this reporting period.

2. **State Matching Funds**

The Illinois EPA matched the FY 2017 \$59,962,000 capitalization grant with \$11,992,400 of State Match Bond Proceeds issued on September 12, 2016.

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 September 12, 2017 the program issued \$348,050,000 in Clean Water Leveraged Bonds which after adding the premium of \$65,240,087 and

subtracting issuance costs resulted in proceeds of \$411,355,000 for use in the loan program. There were no State Match Bonds issued with the 2017 issuance.

B. Binding Commitments

The Illinois EPA entered into thirty-seven (37) new loans (binding commitments) totaling \$395,572,175.44 and sixty (60) loan amendments totaling (\$32,467,838.19) for a net new funding commitment of \$363,104,337.25. All loans and amendments are detailed within Attachment A.

C. Disbursements

Disbursements made to loan recipients during this reporting period amounted to \$465,187,637 for a total of \$5,258,671,397 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 \$58,382,959 in administrative costs, exclusive of loan support, has been funded since the inception of the WPCLP. Included in these disbursements for administrative costs is \$3,319,616 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 USEPA on Illinois EPA's behalf totaled \$217,045 bringing total In-Kind Administrative expenditures to \$958,576.

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

14 Pages

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

Loan Agreements 7/1/2017 through 6/30/2018

Project Number	Party	Agreement Date	Agreement Amount	Forgiveness Amount	Description
L172448	Beecher	3/22/2018	10,000,000.00	0.00	WWTP improvements and capacity expansion; raw influent pumping station modifications; screening system improvements; conversion of the existing sludge storage in outer ring of the oxidation ditch to aeration; construct new secondary clarifiers flow division box; repair existing secondary clarifiers; construct a new secondary clarifier; chemical feed for phosphorus removal; construct a UV disinfection structure; repair excess flow structure; replace and/or repair sludge pumps; replace/repair aerobic digester equipment; provide new mechanical sludge dewatering equipment and storage area; control building improvements and provide supervisory control and data acquisition (SCADA) system improvements; provide a new emergency electric generator that will run the entire treatment plant; replace metering equipment; provide miscellaneous piping, valves, air and water lines, demolish existing truck fill station; and construction site restoration.
L175409	Belleville	11/27/2017	8,553,013.31	0.00	Sewer collection system improvements that are part of the LTCF for CSOs. Construction of the 23rd Street lift station; 652 feet of 36-inch, and 1,169 feet of 24-inch diameter gravity sewer; 6,517 feet of 30-inch diameter force main, 212 feet of 12-inch, 467 feet of 15-inch, and 737 feet of 18-inch diameter storm sewer; manholes; SCADA; construction area restoration; and an emergency electrical generator.
L175406	Breese	9/18/2017	742,929.60	111,440.00	New lift station on Memorial Drive to off load flow from existing East Lift Station directly to WWTP. 6,938 feet of 14-inch diameter force main, approximately 15 feet of 18-inch diameter sanitary sewer, 1 manhole and other related appurtenances.
L175005	Carrier Mills	12/7/2017	329,760.69	197,856.41	Construction of a lift station having two pumps with a rated capacity of 135 gallons per minute at 58 feet of total depth to head, 1,650 feet of 4-inch sanitary force main, 3,560 feet of 8-inch sanitary sewer, 230 feet of 10-inch sanitary sewer and 7 manholes. Work associated with the project will occur along or near Mill Street, Russell Street, Parker Street, Hutson Street, Fire Street and East End Street in Carrier Mills.
L175448	Cary	8/30/2017	3,247,620.00	0.00	Modification of existing aeration tanks to allow for biological phosphorus removal, new backup chemical phosphorus removal system, replacement of disinfection equipment and misc. energy efficiency improvements at the Wastewater Treatment Plant.
L175397	Chicago	3/22/2018	19,888,142.63	0.00	The project entails the second portion of work that will be performed as part of a 5-year sewer rehabilitation program conducted throughout the City. Approximately 26,900 lineal feet of 12 to 60-inch diameter sewer main will replace existing, aging sewer main.
L175413	Chicago	3/29/2018	60,000,000.00	0.00	Continuation of the City's 3-year sewer lining contract, awarded in 2016. Activities associated with this loan consist of lining approximately 42 miles of 8" to 48" diameter sewer main throughout the City's Far North, North, Central, South, and Far South Districts.
L175398	Chicago	5/25/2018	31,653,800.91	0.00	The project entails the third portion of work that will be performed as part of a 5-year sewer rehabilitation program conducted throughout the City. Approximately 34,700 lineal feet of 12 to 60-inch diameter sewer main will replace existing, aging sewer main.
L175436	Dallas City	5/2/2018	802,753.66	240,824.00	Replacement of 520 lineal feet of existing 8-inch vitrified clay pipe (VCP) sanitary sewer with 8-inch PVC sanitary sewer, replacing 10 existing manholes with new precast concrete manholes, 15,500 lineal feet of cured-in-place lining of 8-inch to 15-inch sanitary sewers, 49 point repairs at collapsed sewer main areas, the rehabilitation of 39 manholes, and 237 grouted lateral-to-sewer main connections.

10	L175410	Decatur S.D.	1/4/2018	1,204,662.25	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.
11	L174647	Decatur S.D.	6/18/2018	8,755,000.00	0.00	This project includes upgrades to the West Screen Headworks Facility consisting of 2 new grit classifiers and fine screens. The project will also include replacement of miscellaneous pumps, piping, valves, and other equipment to make project complete and operational.
12	L174450	Elmhurst	2/23/2018	9,054,155.23	0.00	The project consists of improvements to the City of Elmhurst's Water Reclamation Facility (WRF) and collection system lift stations. This loan covers what is considered to be Phase I of the project, and entails the following activities: construction of a lift station having 2 pumps with a rated capacity of 1,250 gpm; rehabilitation and replacement of the existing grit collectors, grit washers, influent sampler and miscellaneous associated piping and electrical equipment along with all necessary ancillary appurtenances; modification to the existing effluent sampling station including the installation of sampler tubing, carrier pipes and miscellaneous associated piping and electrical equipment along with all necessary ancillary appurtenances; modification to the existing sludge storage pad including construction of drainage structures, a sediment/oil separation chamber, and replacing and rerouting of the existing sanitary sewer to return the supernatant back to the treatment plant; roof and masonry replacement at the WRF.
13	L175387	Evanston	9/29/2017	376,289.90	0.00	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.
14	L170725	Fairbury	6/27/2018	30,431,034.25	9,129,310.00	Upgrades and improvements to Fairbury's WWTP, collection system and lift stations. The City plans to separate limited areas of the combined sewage collection system. Upgrades at the WWTP consist of modifications to the trickling filter and activated sludge processes to maximize treatment capacity with additional improvements to the lift stations, the excess flow lagoon and the chlorine contact basin. Upgrades outside of the WWTP include installation of a South interceptor sewer, improvements to the Watcrest pump station and force main; improvements and increase in capacity to the 7th Street pump station and force main; and installation of new gravity sewer for the Timber Ridge Subdivision and Jackson Street. The City currently utilizes seven (7) CSO Outfalls. Outfalls 004, 005, 006, 011 and 013 will be eliminated. Outfalls 003 and 008 will remain for emergency relief purposes.
15	L175478	Flagg Creek W.R.D.	6/1/2018	4,003,867.50	0.00	The project consists of the construction of two 2,550 chemical tanks, three peristaltic pumps each rated at 30 gallons per hour, a phosphorus analyzer for chemical removal of phosphorus, conversion of the dual use clarifiers to dedicated tertiary clarifiers, a new submersible pump station with one 17.2 million gallons per day pump, replacement of two grit washers, new drain pipe from the disk filter, and all the necessary appurtenances to make the project complete and operational.
16	L175391	Fox Metro Water Reclamation District	10/12/2017	3,705,084.50	0.00	The project includes the installation of aeration tank baffles, pumps, blowers, and mixers. A ferric chloride pumping system will also be installed that includes two 16,120 gallon storage tanks with yard piping, electrical, and all the necessary appurtenances.
17	L175382	Fox River Water Reclamation District	11/27/2017	3,990,726.68	0.00	Construction of approximately 9,500 linear feet of 8-inch diameter HDPE forcemain to transfer wastewater treatment plant sludge from the north and west facilities to the main Albin D. Pagorski treatment facility and includes piping modifications at the treatment plant and within the thickener building. This part of the project is referred to as Phases 3 and 4.

18	L175388	Frankfort	9/29/2017	37,219,036.56	0.00	Consolidation of the North WWTP, West WWTP, and Regional WWTP into one WWTP located at the Regional WWTP location. This project will also include upgrades at the Regional WWTP location to increase treatment capacity, construction of a Flow Equalization Basin and Stormwater Detention Basin, improvements to the Hickory Creek Pump Station, construction of 3,700 linear feet of 24-inch diameter force main, 4,390 linear feet of 16-inch diameter force main, 4,436 linear feet of 24-inch diameter sanitary sewer, and the decommissioning of approximately 17 manholes. Related appurtenances and restoration for this project will also be included as part of this loan.
19	L175415	Geneva	10/17/2017	11,626,046.32	0.00	WWTP improvements which include: raw influent pumping station modifications; influent metering improvements; grit removal improvements; aeration tank modifications to achieve enhanced biological phosphorus removal and denitrification; blower improvements; secondary clarifier improvements; return activated sludge/waste activated sludge pumping station improvements; and supervisory control and data acquisition (SCADA) improvements.
20	L175446	Itasca	11/17/2017	6,345,018.55	0.00	Rehabilitation of existing WWTP to correct operational deficiencies. Project includes: <ul style="list-style-type: none"> •Weir gate nut replacement and hatch installation at the Raw Sewage Pump Station; •Odor control pipe replacements and HVAC upgrades in the Control Building; •Decanter pipe modifications and chemical feed line with heat tracing addition; •Upgrade to work with the new SCADA system and to provide a modified pumping scheme for Post-SBR Pumping; •Automatic control valves and piping additions for the Non-Potable Water System; •The addition of a second UV channel with two banks of UV lamps at the UV System; •Replacement of the rotary fan presses with two centrifuges (not part of this loan), the addition of access platforms, the addition of screw conveyors, and the addition of a sludge conditioning system at the Sludge Building; •SCADA system upgrades; •Replacement of three pumps, the addition of one natural gas generator, and the replacement of one diesel generator at the Holiday Inn Lift Station. The project aspects will not increase the WWTP capacity or require NPDES permit limit modifications.
21	L175404	Joliet	4/4/2018	14,601,988.55	0.00	Joliet's 2018 Sanitary Sewer Rehabilitation Project 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 Parkview neighborhood, approximately 21,200 linear feet of sanitary sewer will be rehabilitated with a Cured-In-Place Pipe-liner (CIPP). In addition, 108 manholes will be rehabilitated and over 400 T-liners will be installed and 53 services grouted to rehabilitate the connection to the sewer main. In the Downtown business district, approximately 3,800 linear feet of sanitary sewer will be rehabilitated with CIPP. In addition, 2,800 linear feet of 60-inch and 66-inch trunk storm sewer, 1,600 linear feet of 12-inch, 15-inch and 18-inch storm sewer, and separation of combined sanitary and storm sewer systems at seven different locations will be constructed to reduce the occurrence of combined sewer overflows. In the Forest Park neighborhood, approximately 27,000 linear feet of sanitary sewer will be rehabilitated with CIPP. In addition, 300 manholes will be rehabilitated and 295 T-liners will be installed and 675 services grouted to rehabilitate the connection to the sewer main.
22	L175369	Metropolitan Water Reclamation District of Greater Chicago	8/21/2017	4,000,000.00	0.00	Installation of gas moisture removal equipment including a chiller, air-cooled condenser, air-cooled fluid cooler, pumps, heat exchanger, de-mister, drip trap, sediment trap, controls, piping and all the necessary appurtenances to make the project complete and operational.
23	L175367	Metropolitan Water Reclamation District of Greater Chicago	5/30/2018	33,382,100.00	0.00	Construction of 5,414 feet of 240-inch combined sanitary sewer to serve as a relief sewer with discharge to the McCook Reservoir and tributary to the Stickney Water Reclamation Plant. This loan is the second loan and will fully fund project L175342, Contract 13-106-4F.

24	L175539	Metropolitan Water Reclamation District of Greater Chicago	6/18/2018	4,713,743.50	0.00	Rehabilitation of the North Branch Pumping Station. Repairs will be made on the concrete columns, concrete deck, walls, and stairs. Rip-rap around the structure will also be redone as well. All equipment is being installed to replace older worn out pieces of equipment that have reached the end of their useful life.
25	L175320	Mount Carmel	6/18/2018	1,626,200.35	487,860.11	New fine bubble aeration equipment that will allow the City to achieve compliance with the ammonia limits in their National Pollutant Discharge Elimination System (NPDES) permit. The new extended aeration basins will have 490 – nine-inch diffuser discs and the aerobic digester will have 357 discs, for a total of 1,337 diffuser discs. A backup electric generator is also included in the scope of work. Work identified as Contract A. Current outfall pipe to be relocated. Installation of 3,650 feet of 36-inch high-density polyethylene (HDPE) sewer line, 8 sanitary sewer manholes, and a new river outfall structure. Work identified as Contract B.
26	L175256	Oneida	6/11/2018	971,205.52	0.00	The project consists of lining approximately 28,045 linear feet of sanitary sewer ranging from 8-inches in diameter to 12-inches in diameter, manhole rehabilitation, and miscellaneous point repairs all to improve the structural integrity for this portion of the City's collection system.
27	L175306	Rock River Water Reclamation District	6/11/2018	1,897,576.23	0.00	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.
28	L175419	Roselle	8/2/2017	1,291,279.02	0.00	WWTP improvements at two different plants in Roselle. The Bolterman 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. 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.
29	L175418	Roselle	11/27/2017	2,671,710.08	0.00	A lift station having 3 pumps with a rated capacity of 370 gallons per minute at 100 feet TDH, 3,600 feet of 8-inch force main, 20 feet of 8-inch sanitary sewer, 1,281 feet of 10-inch sanitary sewer, 5 manholes, and all the necessary related appurtenances.
30	L175421	Roselle	12/11/2017	2,498,145.00	0.00	Construction of a new 245,346 gallon aerobic digester, an additional belt filter press, two additional blowers each rated at 1,650 scfm, and all the necessary appurtenances.
31	L175017	Sesser	6/6/2018	103,936.00	46,771.20	Replacement of approximately 800 feet of sanitary sewer with new 15-inch sanitary sewer, lining of approximately 3,050 feet of sanitary sewer ranging from 8-inches in diameter up to 12-inches in diameter, manhole lining, and other appurtenances to improve the structural integrity of the aging sanitary sewer trunk line.
32	L175488	South Beloit	4/20/2018	38,994,395.00	0.00	The project consists of two screens, a grit chamber, four anaerobic selector tanks, the conversion of activated sludge plant #1 into an integrated fixed film activated sludge and biotritient removal system. There will also be two secondary clarifiers, the conversion of activated sludge plants #2 and #3 into aerobic digesters, a ferric chloride feed system, three disk filters, two UV reactors, sludge screw press, lime stabilization sludge system, and three blowers each rated at 2,100 cfm.

33	L175259	Sparta	6/6/2018	16,837,405.33	7,576,832.40	Decommissioning of the Northwest WWTP, a brand new WWTP will be constructed adjacent to the Northwest plant. After the new plant is operational, the Southeast WWTP will be decommissioned as well. The City will rehab sanitary sewers within the collection system and a new lift station will be constructed near Hillcrest Avenue. Approximately 18,654 feet of forcemain ranging in size from 8-inches to 24-inches in diameter will be replaced throughout the system. Additionally, there will be approximately 7,142 feet of sanitary sewers installed ranging in size from 8-inches to 24-inches in diameter. Also includes electrical, backfill, and appurtenances to make the project complete and operational.
34	L174997	Spoon Valley Lake S.D.	1/18/2018	1,615,432.96	726,344.83	Installation of approximately 16,400 feet of 8-inch diameter forcemain, rehabilitation of 2 lift stations, and construction of a new lift station rated at 320 gallons per minute.
35	L175348	Springfield	6/4/2018	2,186,912.48	0.00	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 complete and operational.
36	L175440	St. Charles	8/8/2017	15,431,242.88	0.00	Construction of biological and chemical phosphorus removal facilities at the Eastside waste water treatment facility. Construction of a primary sludge fermenter, conversion of the existing aeration basins to anoxic/anaerobic basins; installation of internal pump stations (4 pumps each at 3,200 gallons per minute capacity); installation of chemical pumps and two 6,650-gallon chemical storage tanks; rehabilitation of the existing anaerobic digestion facilities include the installation of a new 122,195-gallon sludge storage tank. Miscellaneous, piping, electrical equipment and all necessary ancillary appurtenances.
37	L175509	Wilmette	3/19/2018	820,000.00	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.

Total Amount of Loan Awards \$ 395,572,175.44 \$ 18,517,838.95

Loan Amendments 7/1/2017 through 6/30/2018

1	L175204	Addison	9/7/2017	-51,373.92	0.00	Funds will be used to replace an antiquated existing excess flow pumping station that is located below ground and is classified as a confined space.
2	L174987	Allamont	3/13/2018	-271,744.77	0.00	Replacement of the existing three cell lagoon system with a new lagoon system consisting of the following: Replacement of two wet weather pumps in the terminal lift station with two new pumps having a capacity of 2,150 gpm at 42 feet TDH; 1,080 feet of 12-inch force main; new influent metering; influent grinder paralleled by a manually cleaned bar screen as an automatic bypass; a three cell, aerated, covered, baffled lagoon with the first cell having dimensions of 305 feet by 269 feet by 16 feet depth, followed by two parallel lagoons each with dimensions of 221 feet by 175 feet by 15 feet depth, followed by a submerged, attached growth reactor.

3	L171105	Athens	4/24/2018	-241,304.28	0.00	<p>The project consists of a fine screen, a manual bypass bar screen, a grit chamber with grease skimming system, two sequence batch reactor basins with a total maximum volume of 0.3748 MG, two aeration blowers rated at 664 scfm each, post aeration equipment and all the necessary related appurtenances. This work is covered by IEPA Permit Number 2011-AB-1667.</p> <p>The project consists of the separation of the combined sewers in Basin 6 and Basin 13 with the construction of 16,551 L.F. of new storm sewer ranging in size from 6 to 42 inches in diameter and continuing to utilize the existing combined sewer as the sanitary sewer. Portions of the newly separated sanitary sewer will be rehabilitated to correct sewer defects to remove excessive infiltration/inflow leaking into the sanitary sewer and to maintain the structural integrity of the sewer. The project includes all site and street restoration for a complete and operational sanitary sewer system. This work is covered by IEPA Permit Number 2009-HB-2347 dated June 24, 2009.</p>
4	L172809	Aurora	4/25/2018	-292,267.00	0.00	<p>The project entails the construction of a new wastewater treatment plant consisting of a headworks comprised of two parallel mechanical fine screens with manually cleaned bar screen, each in a separate channel, vortex grit separator, terminal lift station having 3 pumps with a rated capacity of 1390 gpm and two pumps with a rated capacity of 2.03 million gallons, two final clarifiers, two aerobic sludge digesters having a total volume of 44,000 cubic feet, sludge screw press, ultraviolet disinfection, and cascade aeration.</p> <p>The project consists of the replacement of two existing belt filter presses with two new centrifuges each rated at 250 gallons per minute along with all the necessary appurtenances.</p>
5	L175244	Benton	5/3/2018	0.00	6,040,861.00	<p>The project consists of the following specific improvements: -4,641 linear feet (l.f.) of 6-inch forcemain, 243 l.f. of 10-inch sanitary sewer, 50 l.f. of 12-inch sanitary sewer and 10 manholes. -200 gpm lift station with wet well and valve vault. -Abandon/plug existing forcemain, remove existing lift station and perform post construction sewer televising. -All necessary appurtenances, site work and restoration to make the project complete and operational.</p>
6	L174256	Carpentersville	7/10/2017	-18,644.19	0.00	<p>The project consists of improvements to the sewer collection system which includes the following: sewer cleaning, video inspection and installation of cured-in-place pipe lining to 3,750 feet of 8-inch, 1,174 feet of 12-inch and 776 feet of 15-inch diameter sewer; restate 80 laterals; correcting leaking and protruding service connections; point repairs; manhole leak repairs and line 6 manholes. No permit is required for this work.</p>
7	L173144	Colchester	6/29/2018	-27,967.00	0.00	<p>This project consists of the replacement of the six existing dissolved air flotation sludge thickeners with new thickening equipment. Included in this upgrade are the addition of three rotary drum sludge thickeners with three flocculation tanks and one polymer feed unit; building modifications; the upgrade and relocation of the electrical equipment for the thickening facilities to meet NFPA codes; and all associated modifications and upgrades to mechanical equipment used in the thickening process. Additionally, lighting improvements to the sludge dewatering building and fall arrest tie off points on the roofs of structures requiring routine HVAC maintenance are included in this project.</p>
8	L173872	Cuba	6/29/2018	-26,812.00	0.00	<p>This work is covered by IEPA Construction Permit Number 2010-IA-0716.</p>
9	L174983	Decatur S.D.	8/28/2017	-377,299.61	0.00	<p>The project consists of improvements to the sewer collection system which includes the following: sewer cleaning, video inspection and installation of cured-in-place pipe lining to 3,750 feet of 8-inch, 1,174 feet of 12-inch and 776 feet of 15-inch diameter sewer; restate 80 laterals; correcting leaking and protruding service connections; point repairs; manhole leak repairs and line 6 manholes. No permit is required for this work.</p>

10	L172627	Dwight	2/28/2018	-187,107.00	0.00	Constructing at existing WWTP to increase the capacity of the treatment plant. One new influent pump with a capacity of 1,500 gpm at 40 feet of TDH, one new excess flow pump with a capacity of 4,500 gpm at 40 feet of TDH, a new fine screen with screening's washer/press, a vortex grit separator with washer/dewatering unit, a new headwork's pump station with 3 pumps and a capacity of 2,700 gpm at 31 feet of TDH, a new 35 feet diameter primary clarifier, one new secondary effluent pump with a capacity of 1,500 gpm at 39 feet of TDH, a new 46 feet by 31 feet aeration tank, new diffusers in the existing aeration tanks, a new 40 feet diameter final clarifier, modifications to the existing supernatant pump station and a new SCADA system. This work is covered by IEPA Permit Number 2006-AB-0256.
11	L172616	East Dundee	3/2/2018	-156,005.00	0.00	The project consists of the expansion of the existing 1.15 mgd design average flow (DAF) sewage treatment plant to 2.3 mgd DAF by adding necessary equipment and piping and an additional oxidation ditch as well as modifications to existing plant structures. The project specifically includes a mechanical screen, a three ring oxidation ditch, two final clarifiers, ultraviolet disinfection system, necessary pumps and blowers, a sludge thickener system, an anoxic sludge mixing basin, fine bubble diffusers, 1,630 l.f. of 8-inch diameter force main, all necessary appurtenances, and restoration. This project is covered by IEPA Water Pollution Control permits 2004-AB-0468 and 2004-AB-0468-1.
12	L174871	Flagg Creek W.R.D.	9/12/2017	-59,330.90	0.00	The project, known as the Tail Trees & Midwest Club Lift Station Replacement, consists of the following specific improvements: <ul style="list-style-type: none"> - Construction of a new three-pump lift station (each pump rated @416 gallons per minute) and a 100kW emergency gas generator. - Abandonment of the Tail Trees Lift Station, the Midwest Club Lift Station and the existing connected 8-inch force main. - Construction of approximately 2,521 lineal feet (l.f.) of 10-inch gravity sewer, 200 l.f. of 8-inch force main and seven manholes. - All necessary appurtenances, on-site piping, electrical control panels and site preparation/restoration to make the project complete and operational. This project will replace aging, deteriorated infrastructure.
13	L172887	Fox Metro Water Reclamation District	3/26/2018	-11,809.00	0.00	The project consists of the construction of a wet weather flow chemically enhanced primary treatment 3-cell rectangular clarifier with tipping buckets for cleaning, chemical dosing facilities, a recovery pump station with four pumps each rated at 5,000 gpm at 37' TDH, SCADA system, miscellaneous associated piping, electrical equipment and instrumentation along with all the necessary appurtenances to make this project complete and operational. This work is covered by IEPA Construction Permit Number 2010-AB-0349.
14	L173345	Fox Metro Water Reclamation District	3/26/2018	-77,934.05	0.00	The project consists of 3,915 l.f. of 48 inch sanitary sewer, 8 manholes and all the necessary appurtenances to make the project complete and operational.
15	L173407	Fox Metro Water Reclamation District	3/26/2018	-87,822.00	0.00	The project consists of 10,263 feet of 8-inch sanitary sewer, 2,191 feet of 10-inch sanitary sewer, and 55 manholes, with an approximate daily average flow of 67,600 gpd, which will discharge to an existing 54-inch interceptor sewer tributary to the FMMWRD sewage treatment plant. This work is covered by IEPA Construction Permit Numbers 2009-HB-2419 and 2011-HB-1571.
16	L172454	Glen Ellyn	2/28/2018	-189,024.00	0.00	The project will extend the Village of Glen Ellyn's sanitary sewer system to approximately 87 homes in and around the Lambert Farms Subdivision. The project involves the installation of approximately 6,738 lineal feet of 8-inch sanitary sewer, 650 lineal feet of 4-inch sanitary force main, 28 manholes, lift station upgrades, and all necessary appurtenances. Sewage will be treated at the Glenbard Wastewater Authority's treatment plant. This work is covered by IEPA Permit Number 2006-IB-0530.
17	L174483	Glenview	7/10/2017	-21,074.00	0.00	The project consists of the restoration of approximately 3,000 lineal feet of stream and floodplain terrace land along the West Fork, North Branch of the Chicago River. A permit is not required for this project.

18	L174113	Granite City	11/6/2017	-5,602.40	0.00	<p>The project consists of sewer rehabilitation which includes the following: sewer cleaning, video inspection and installation of cured-in-place pipe lining to a total of 33,948 linear feet of gravity sewers that range in size from 8-inches to 54-inches in diameter; sewer cleaning, video inspection and joint testing to a total of 15,720 linear feet of combined large diameter gravity sewers that range in size from 72-inches to 108-inches in diameter; sealing 2,588 joints with 130,000 gallons of chemical grout inside the combined large diameter gravity sewers; lining 687 feet of 42-inch arch sewer with HDPE pipe; new manholes; manhole rehabilitation; lining two lift station wet wells; point repairs; pavement, sidewalk, curb and gutter replacement; service laterals and connections; granular backfill and associated construction area restoration. No permit is required for this work.</p> <p>1. Raw Sewage Pumping Station Contract -Construct a new suction pump lift station having two pumps -406 feet of 6-inch force main - All appurtenances and site restoration to make the project complete and operational. 2. East Side Storm Sewer Contract -325 feet of 36-inch sewer, 1,279 feet of 30-inch sewer, 322 feet of 24-inch sewer, 454 feet of 18-inch sewer, 1,558 feet of 15-inch sewer, 1,121 feet of 12-inch sewer, 39 Type A inlets, three Type B inlets and 14 manholes -CSO-3 modifications and bank stabilization -All appurtenances and site restoration to make the project complete and operational The lift station and forcemain are covered by IEPA Construction Permit Number 2010-IA-2569. No permit is required for the storm sewer and CSO-3 abandonment.</p>
19	L173599	Granville	3/13/2018	-301,681.87	0.00	<p>This project consists of a new conventional gravity fed sanitary sewer collection system for a section of the City of Harrisburg in the Garden Heights Subdivision area, which is presently an unsewered area. The system will consist of a lift station having two pumps, 600 feet of four inch force main, 6,065 feet of eight inch sanitary sewer, 2,535 feet of twelve inch sanitary sewer and 29 manholes serving approximately 40 single family dwellings and one commercial building. This work is covered by IEPA Permit Number 2009-IA-2318.</p> <p>The project is Phase 2 of combined sewer separation work included as part of Havana's Agency approved Long Term Control Plan and consists of the following: 868 l.f. of 12 inch PVC storm sewer, 1,402 l.f. of 16 inch PVC storm sewer, 890 l.f. of 18 inch PVC storm sewer, 86 l.f. of 24 inch PVC storm sewer, 24 manholes, 24 inlets and all the necessary appurtenances to make the project complete and operational.</p> <p>The project consists of improvements to the existing wastewater treatment plant and includes a new headworks building with a new mechanical bar screen; removal of the existing comminutor; removal and replacement of the existing Parshall flume & flow meter; replacement of the existing coarse bubble diffusers in the aeration tank & digester with new fine bubble diffusers in the aeration tank and new coarse bubble diffusers in the digester; one new additional sludge pump rated at 210 gpm to match the two existing sludge pumps; removal and replacement of the filter media in the three existing sludge drying beds; installation of a new natural gas powered standby generator.</p> <p>This project includes a WWTP upgrade to a design average flow of 0.22 million gallons per day (MGD) with a design maximum flow of 0.49 MGD. Improvements consist of a new automatic bar screen, a package plant oxidation system with rotary aerator assemblies, one 25-foot diameter clarifier, new 400 cfm blower, 4 sludge drying beds, piping, valves, effluent pumps, return and waste activated sludge pumps, new standby generator and other appurtenances.</p>
20	L172162	Harrisburg	5/14/2018	-41,673.00	0.00	<p>This project consists of a new conventional gravity fed sanitary sewer collection system for a section of the City of Harrisburg in the Garden Heights Subdivision area, which is presently an unsewered area. The system will consist of a lift station having two pumps, 600 feet of four inch force main, 6,065 feet of eight inch sanitary sewer, 2,535 feet of twelve inch sanitary sewer and 29 manholes serving approximately 40 single family dwellings and one commercial building. This work is covered by IEPA Permit Number 2009-IA-2318.</p> <p>The project is Phase 2 of combined sewer separation work included as part of Havana's Agency approved Long Term Control Plan and consists of the following: 868 l.f. of 12 inch PVC storm sewer, 1,402 l.f. of 16 inch PVC storm sewer, 890 l.f. of 18 inch PVC storm sewer, 86 l.f. of 24 inch PVC storm sewer, 24 manholes, 24 inlets and all the necessary appurtenances to make the project complete and operational.</p> <p>The project consists of improvements to the existing wastewater treatment plant and includes a new headworks building with a new mechanical bar screen; removal of the existing comminutor; removal and replacement of the existing Parshall flume & flow meter; replacement of the existing coarse bubble diffusers in the aeration tank & digester with new fine bubble diffusers in the aeration tank and new coarse bubble diffusers in the digester; one new additional sludge pump rated at 210 gpm to match the two existing sludge pumps; removal and replacement of the filter media in the three existing sludge drying beds; installation of a new natural gas powered standby generator.</p> <p>This project includes a WWTP upgrade to a design average flow of 0.22 million gallons per day (MGD) with a design maximum flow of 0.49 MGD. Improvements consist of a new automatic bar screen, a package plant oxidation system with rotary aerator assemblies, one 25-foot diameter clarifier, new 400 cfm blower, 4 sludge drying beds, piping, valves, effluent pumps, return and waste activated sludge pumps, new standby generator and other appurtenances.</p>
21	L175004	Havana	6/14/2018	-261.48	0.00	<p>This project consists of a new conventional gravity fed sanitary sewer collection system for a section of the City of Harrisburg in the Garden Heights Subdivision area, which is presently an unsewered area. The system will consist of a lift station having two pumps, 600 feet of four inch force main, 6,065 feet of eight inch sanitary sewer, 2,535 feet of twelve inch sanitary sewer and 29 manholes serving approximately 40 single family dwellings and one commercial building. This work is covered by IEPA Permit Number 2009-IA-2318.</p> <p>The project is Phase 2 of combined sewer separation work included as part of Havana's Agency approved Long Term Control Plan and consists of the following: 868 l.f. of 12 inch PVC storm sewer, 1,402 l.f. of 16 inch PVC storm sewer, 890 l.f. of 18 inch PVC storm sewer, 86 l.f. of 24 inch PVC storm sewer, 24 manholes, 24 inlets and all the necessary appurtenances to make the project complete and operational.</p> <p>The project consists of improvements to the existing wastewater treatment plant and includes a new headworks building with a new mechanical bar screen; removal of the existing comminutor; removal and replacement of the existing Parshall flume & flow meter; replacement of the existing coarse bubble diffusers in the aeration tank & digester with new fine bubble diffusers in the aeration tank and new coarse bubble diffusers in the digester; one new additional sludge pump rated at 210 gpm to match the two existing sludge pumps; removal and replacement of the filter media in the three existing sludge drying beds; installation of a new natural gas powered standby generator.</p> <p>This project includes a WWTP upgrade to a design average flow of 0.22 million gallons per day (MGD) with a design maximum flow of 0.49 MGD. Improvements consist of a new automatic bar screen, a package plant oxidation system with rotary aerator assemblies, one 25-foot diameter clarifier, new 400 cfm blower, 4 sludge drying beds, piping, valves, effluent pumps, return and waste activated sludge pumps, new standby generator and other appurtenances.</p>
22	L175184	Hennepin Public Water District	1/24/2018	0.00	378,720.00	<p>This project consists of improvements to the existing wastewater treatment plant and includes a new headworks building with a new mechanical bar screen; removal of the existing comminutor; removal and replacement of the existing Parshall flume & flow meter; replacement of the existing coarse bubble diffusers in the aeration tank & digester with new fine bubble diffusers in the aeration tank and new coarse bubble diffusers in the digester; one new additional sludge pump rated at 210 gpm to match the two existing sludge pumps; removal and replacement of the filter media in the three existing sludge drying beds; installation of a new natural gas powered standby generator.</p> <p>This project includes a WWTP upgrade to a design average flow of 0.22 million gallons per day (MGD) with a design maximum flow of 0.49 MGD. Improvements consist of a new automatic bar screen, a package plant oxidation system with rotary aerator assemblies, one 25-foot diameter clarifier, new 400 cfm blower, 4 sludge drying beds, piping, valves, effluent pumps, return and waste activated sludge pumps, new standby generator and other appurtenances.</p>
23	L172885	Hopevale	9/7/2017	0.00	753,720.00	<p>This project consists of improvements to the existing wastewater treatment plant and includes a new headworks building with a new mechanical bar screen; removal of the existing comminutor; removal and replacement of the existing Parshall flume & flow meter; replacement of the existing coarse bubble diffusers in the aeration tank & digester with new fine bubble diffusers in the aeration tank and new coarse bubble diffusers in the digester; one new additional sludge pump rated at 210 gpm to match the two existing sludge pumps; removal and replacement of the filter media in the three existing sludge drying beds; installation of a new natural gas powered standby generator.</p> <p>This project includes a WWTP upgrade to a design average flow of 0.22 million gallons per day (MGD) with a design maximum flow of 0.49 MGD. Improvements consist of a new automatic bar screen, a package plant oxidation system with rotary aerator assemblies, one 25-foot diameter clarifier, new 400 cfm blower, 4 sludge drying beds, piping, valves, effluent pumps, return and waste activated sludge pumps, new standby generator and other appurtenances.</p>

24	L173982	Jerseyville	6/4/2018	-40,045.00	0.00	This project involves the conversion of the existing 250,041 gallon anaerobic digester to an aerobic digester. Construction includes a new diffused aeration system with air piping, support structure, walkway, and access stairs. Additionally, new blowers will be installed, the sludge handling system will be configured and replaced, the heating and ventilation system will be replaced, updated instrumentation and controls will be added, and all necessary appurtenances. The treatment plant capacity will not change as a result of this project. This work is covered by IEPA Permit Number 2009-AB-2009.
25	L174705	Joliet	8/28/2017	-829,066.42	0.00	Funds will be used to construct two 24-inch siphons, each 1,000 feet in length located within an 84-inch tunnel that will provide additional capacity during wet weather, 37 feet of 36-inch combined sewer, 110 feet of 42-inch combined sewer, 360 feet of 60-inch combined sewer, 152 feet of 72-inch combined sewer and 5 manholes located at the Des Plaines River south of I-80 in Joliet.
26	L174750	Joliet	8/28/2017	-384,818.49	0.00	Funds will be used to construct two lift stations with two pumps each, 5,800 feet of 16-inch force main, 409 feet of 8-inch force main, 175 feet of 6-inch force main, 340 feet of 20-inch sanitary sewer, 7,424 feet of 21-inch sanitary sewer and 20 manholes located along US Route 6.
27	L174869	Kankakee River Metropolitan Agency	2/14/2018	-617,295.71	0.00	Phase 1C of a three Phase project entailing the replacement of the anaerobic digestion system, upgrades to the activated sludge system to provide nitrification capabilities, a new postaeration system, miscellaneous equipment replacement, improvements to wet weather facilities, and demolition of existing structures. All planning for this project was originally approved under the parent project L174836.
28	L174680	Kishwaukee Water Reclamation District	2/14/2018	-69,473.00	0.00	Funds will be utilized at the Wastewater Treatment Plant (WWTP) to upgrade and rehabilitate the biosolids handling process. Digesters will be outfitted with new covers, heating systems, and mixing systems. A digester control building will be constructed and piping will be rerouted to provide an even split between digesters. A new sludge handling building with truck bays and a new sludge storage barn will be constructed. New equipment to capture and utilize methane gas will be installed. The tertiary filtration system will be rehabilitated and the SCADA system will be upgraded. The project also includes 495 feet of 8-16 inch sewer and 7 manholes to transfer sludge to and from the handling building. The existing Country Club lift station will be demolished. A new Country Club lift station with two pumps each rated at 2,000 gallons per minute will be constructed. The new lift station will be connected to an existing sewer by 121 feet of 12-inch force main and 469 feet of sanitary sewer ranging in diameter from 12 to 30 inches. Project includes all necessary appurtenances.
29	L174684	Kishwaukee Water Reclamation District	2/14/2018	-902.43	0.00	A new sludge thickening system will be installed within the sludge handling building. Components of this system include gravity belt thickeners (GBTs), GBT pumps, WAS pumps, polymer units, blowers and all associated piping, electrical and controls. This work is covered by IEPA Permit Numbers 2009-AB-1957 and 2009-IB-1704.
30	L173885	Lakewood	11/6/2017	-9,896.00	0.00	Renovation of Tertiary Filter Building including replacing building walls, roof, HVAC system, electrical equipment, non-potable water pumping system and miscellaneous metal components. No permit is required.
31	L175197	Macomb	2/1/2018	-4,704.45	0.00	The project consists of the rehabilitation of eastside sewers in the Village of Lakewood. The rehabilitation consists of in-situ lining of 12,500 lineal feet of 8-inch sewer and sealing 92 manholes. No permit is required for this work. Replace three existing return activated sludge pumps with new airlift pumps, replace East side sand filter, rehabilitate West side sand filter, replace the three existing Spencer Turbo blowers with two new turbo compressors in North blower building, provide one positive displacement rotary lobe blower complete with waterproof enclosure and accessories, install new SCADA System, and replace air piping, fittings and valves to provide a more efficient Wastewater Treatment Plant.

32	L173016	Mahomet	2/1/2018	-92,557.11	0.00	The improvements to the Mahomet WWTP will raise the rated DAF from 0.50 MGD to 0.90 MGD and include a 4-stage activated sludge process for biological phosphorus, nitrogen and BOD removal from the waste stream, a new headworks, new MLSS flow splitter structure, new final clarifiers, new plant disinfection system, conversion of existing clarifiers to supplemental aerobic digesters expansion of the existing sludge storage lagoon, improvements to all pumping systems, expansion of the plant blower system, new tertiary filtration system, new post-aeration structure, new excess flow clarifier and instrumentation. This work is covered by IEPA Construction Permit Numbers 2011-AB-1234 and 2011-AB-1234-1.
33	L174844	Mattoon	1/19/2018	-166,986.23	0.00	The project consists of the construction of the Riley Creek Combined Sewer Overflow Satellite Treatment Facility complete with two mechanical screens, a 1.5 million gallon first flush tank, 21 foot diameter swirl concentrator, chlorination and dechlorination tanks, a 15.0 MGD pump station with 4 pumps at 3,516 gallons per minute, overall structure modifications, 2 manholes, all necessary piping and miscellaneous appurtenances for proper operation of the treatment facility.
34	L173101	Metamora	5/26/2018	-3,807.08	0.00	Funds will be used to rehabilitate sanitary sewers in the Village of Melamora's South Sewer system. Cured-in-place lining, manhole replacement and lateral connection repair are all included in the scope of work. There will be approximately 36 manholes replaced. In addition, 5,600 feet of eight (8) inch, 900 feet of ten (10) inch and 3,200 feet of twelve (12) inch sewer will be televised and lined with cured-in-place lining. No permit is required for this work.
35	L174982	Metropolis	3/30/2018	312,227.45	0.00	The loan will fund the construction of approximately 15,799 linear feet of new storm sewer, ranging in diameter from fifteen (15) inches to seventy-two (72) inches, approximately 126 reinforced concrete manholes and all necessary restoration activities including approximately 96,172 square feet of surface restoration. The work will take place along the road way system from Second Street to Tenth Street; also known as US Rte. 45 between Broadway Street to Metropolis Street in Metropolis Illinois.
36	L174555	Metropolitan Water Reclamation District of Greater Chicago	5/17/2018	-23,106,233.36	0.00	The project consists of the replacement of existing Imhoff Battery A - Tanks with nine (9) new 160' diameter primary settling tanks, replacement of skimming tanks 1-8 with a new aerated grit facility which includes six (6) new aerated grit tanks of 27'8" by 132'5", two (2) shaftless screw conveyors per tank, centrifugal grit pumps, airlift pumps, coarse bubble diffusers, three (3) new turbo blowers and the necessary appurtenances to make the project complete and operational.

L174925	Metropolitan Water Reclamation District of Greater Chicago	10/5/2017	-1,296,338.00	0.00	<p>The project consists of the rehabilitation of control structures and tide gates located at the drop shafts along the four Tunnel and Reservoir Plan (TARP) tunnel systems. The specific scope of the work associated with the rehabilitation is as follows:</p> <p>Mainstream Tunnel System (99 Control Structures) Sump Modifications; Mud Valve Modifications; Platform Repairs; Pedestal Repairs; Removable Slab Modifications; Concrete Repairs; Outfall Modifications; Electrical Modifications; Lower Level Casting Repairs; Davit Arm Sleeve Modifications; Gate Actuator Modifications; Combustible Gas Detectors; Racine Avenue Pump Station Electrical Improvements.</p> <p>Des Plaines Tunnel System (49 Control Structures) Pedestal Repairs; Concrete Repairs; Davit Arm Sleeve Modifications; Electrical Modifications; Combustible Gas Detectors.</p> <p>Upper Des Plaines Tunnel System (12 Control Structures) Electrical Modifications; Access Hatch Modifications; Lower Level Casting Repairs; Davit Arm Sleeve Modifications.</p> <p>Calumet Tunnel System (27 Control Structures) -Pedestal Repairs -Concrete Repairs -Davit Arm Sleeve Modifications</p>
37					
L175164	Metropolitan Water Reclamation District of Greater Chicago	10/5/2017	-20.00	0.00	<p>The project consists of the replacement of three coarse screens, five raw sewage pump side gates, miscellaneous piping and electrical equipment, as well as all the necessary appurtenances required to make the project complete and operational.</p>
38					
L175166	Metropolitan Water Reclamation District of Greater Chicago	10/5/2017	-202,769.30	0.00	<p>The project consists of the rehabilitation of 6,590 feet of 40" X 62" egg shaped sewer by lining method and the rehabilitation of 11 manholes (North Shore 2). The project also includes the rehabilitation of 347 feet of 27" diameter sewer and the replacement of 60 feet of 27" diameter sewer and 2 manholes (Upper Des Plaines 13B).</p>
39					
L175009	Minonk	9/7/2017	0.00	287,835.00	<p>The project consists of wastewater treatment plant improvements including the following: installation of fine bubble aeration systems in the primary and secondary lagoons; decommission the existing trickling filter treatment plant and rerouting the influent piping to the lagoon pump station; construction of a new primary lagoon lift station to replace the existing lift station; construction of new automatic perforated screen system to replace the existing manual bar screen; piping repairs; replacement of chlorination equipment; manhole structures, electrical and lighting, process control equipment; flow measurement; and security and safety improvements.</p>
40					
L174974	Morrison	2/28/2018	0.00	1,203,261.00	<p>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.</p>
41					
L172746	Murphysboro	6/7/2018	-651,165.23	0.00	<p>This project includes the rehabilitation of the 7th Street, 19th Street, 20th Street and Jackson Street Lift Stations. Also included is a new STP with a manual bypass influent fine screen, aerated grit chamber, extended aeration activated sludge process with chemical addition for phosphorus removal, final clarification, UV disinfection, aerobic sludge digestion, belt filter press, and related appurtenances. These improvements are necessary to replace deteriorating system components, meet the growing needs of the community, and allow the community to meet future compliance regulations.</p>
42					

43	L175390	Murrayville	5/30/2018	-10,608.31	104,827.00	Lining of approximately 5,330 feet of 8-inch sanitary sewers using cured-in-place pipe lining along with point repairs where they are needed. This is Phase 1 of 3.
44	L175217	Niles	6/4/2018	-953,220.55	0.00	Construction of a new 72-inch diameter sewer line to capture storm water runoff in accordance with the Village's Cleveland Storm Water Relief and Sewer Project. These relief sewer system, approximately 11,000 feet in length, will mainly serve to provide relief from surface water flooding for the area generally bounded in Niles by Main Street to the north, Harlem Avenue to the east, Monroe Street to the south, and Oketo Avenue to the west, in addition to both Monroe Street and Keeney Street between Harlem Avenue and Waukegan Road.
45	L172380	Olney	4/10/2018	-47,420.00	0.00	This project consists of improvements to the North Route 130 Pump System. Construction includes modifications to the existing wetwell, a pump station with 2 pumps rated at 3,000 GPM, approximately 7,601 feet of 16-inch force main, bypass pumping, a generator, fencing, electrical and other necessary appurtenances to complete the project. This work is covered by IEPA Permit Number 2009-IA-1753.
46	L175039	Olney	4/10/2018	-13,249.84	0.00	Eliminate existing Elm Street Pump Station. Reroute its flow by gravity via 187 linear feet of new 8-inch diameter sanitary sewer and 2,057 linear feet of new 10-inch diameter sanitary sewer to North Street Pump Station. Replace North Street Pump Station with a new pump station having 2 pumps with a rated capacity of 600 gpm at 54 feet of TDH. New pump station will be located at intersection of Wilson Street and West Street. Install 637 linear feet of new 6-inch diameter force main to handle the larger flows. Install 8 manholes.
47	L174865	Pekin	4/25/2018	-4,987.00	0.00	The project consists of upgrades to the WWTP which includes the following: two primary clarifiers, two anaerobic selector tanks, three activated sludge aeration basins, two secondary clarifiers, a sludge thickening system, three blowers for the activated sludge and WAS storage tanks, provide chlorination to WWTP effluent and excess flow, install a fine bubble diffused aeration system in all three aeration tanks, also provide piping, valves, flow meters, sensors and all the necessary appurtenances to make the WWTP complete and operational. This work is covered by IEPA Permit Number 2011-AB-1510.
48	L172751	Pulaski County	3/30/2018	-87,152.00	0.00	The project consists of 57 individual septic tanks with effluent filters and pumps to a common force main comprised of approximately 2,700 feet of 1-inch force main and 10,300 feet of 2-inch force main terminating at a 10,000 gallon recirculation/dilution tank and recirculating sand filter. The treatment plant will have a Design Average Flow (DAF) of 0.01 mgd and a Design Maximum Flow (DMF) of 0.042 mgd. This work is covered by IEPA Construction Permit Numbers 2009-AA-2064 and 2009-AA-5183.
49	L172095	Reading Township	4/10/2018	-918,160.91	0.00	Provide a wastewater collection system for the residents of Reading Township and connection to the Village of Sireator's wastewater collection and treatment system. The collection system shall consist of: 766 simplex grinder pump stations, 2 duplex grinder pump stations, 1 triplex grinder pump station, 4 quadplex grinder pump stations, 80,214 feet of 1 1/4 inch low pressure force main, 22,640 feet of 2 inch low pressure force main, 25,190 feet of 3 inch low pressure force main, 12,850 feet of 4 inch low pressure force main, 4,400 feet of 6 inch low pressure force main, 1,000 feet of 8 inch sanitary sewer and 8 manholes to serve approximately 785 single family dwellings, 131 mobile homes, and a multiple family dwelling and a commercial property. The construction is authorized under IEPA Permit #2009-IA-2772 issued September 23, 2009.
50	L174141	Rolling Meadows	9/12/2017	-134,137.08	0.00	The project consists of flexible cured-in-place inversion sewer lining of approximately 28,500 linear feet of sanitary sewer main, ranging in size from 8" to 24" in diameter, six point repairs, 27 City-owned lateral liners, and various appurtenances. Alternate works include and additional 2,900 linear feet of manhole to manhole lining, three point repairs, and 25 City-owned lateral liners.

51	L173665	Streator	1/24/2018	-84,972.49	0.00	0.00	Lining of existing sanitary sewers and construction of new sanitary sewers throughout City to alleviate capacity and infiltration issues, construct a storm sewer detention facility to alleviate flooding and CSO issues. The project consists of improvements to the solids handling facilities of the City of Sycamore Wastewater Treatment Plant-Phase 1. Specifically, the work includes the following: -Conversion of the two existing aerobic digesters to Auto-Thermal Thermophilic Aerobic Digesters (ATAD). -Construction of a new solids handling building to house ATAD equipment, new rotary drum thickener, new rotary fan press, polymer system, and electrical gear/controls. -New sludge storage building. -New non-potable water system and building. -Construction of a new ferric chloride feed building to house fiberglass tanks, chemical feed pumps and the ATAD scrubber. -Piping, sitework and miscellaneous appurtenances. -Restoration. This work is covered by IEPA Construction Permit Number 2008-AB-0368.
	L173363	Sycamore	9/7/2017	-330,287.00	0.00	0.00	
52							
53	L174972	Taylorville	12/13/2017	0.00	429,071.00	0.00	With receipt of this loan, the City of Taylorville will undertake construction on a new Northeastern 30 inch sanitary sewer. The work will include 2,010 feet of 15 inch sanitary sewer, 8,754 feet of 30 inch sanitary sewer, 2,760 feet of 8 inch force main and 23 manholes located along Illinois Route 104 with discharge to an existing 30 inch sanitary sewer that is tributary to the Taylorville Sanitary District sewage treatment plant
54	L175123	Taylorville	9/7/2017	0.00	152,550.00	0.00	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 36inch 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.
55	L173671	Tuscola	6/19/2018	-4,029.72	0.00	0.00	This project consists of the following improvements to the City of Tuscola Wastewater Supply System: -Replace pump at South Lift Station with a pump rated at a capacity of 870 gpm at 53 feet of TDH -New engine generator -Electrical work related to project -1,500 linear feet of 8-inch diameter force main from the North Lift Station to the excess flow basin (EFB) -Connections and miscellaneous appurtenances -Restoration This work is covered by IEPA Construction Permit Number 2011-IB-1332.
56	L175356	Urbana and Champaign Sanitary District	4/10/2018	238,012.92	0.00	0.00	This project consists of constructing a new 2nd Street Lift Station which will contain three (3) pumps along with all necessary auxiliary equipment, and upgrading the 1st Street Lift Station with four (4) new pumps and controls. In order to connect and reroute sewage to the lift stations, 224 feet of 18-inch sanitary sewer, 2,668 feet of 21-inch sanitary sewer, 3,740 feet of 27-inch sanitary sewer, 1,475 feet of 20-inch force main, and 20 manholes will be installed. Once complete, this project will reduce the number of sanitary sewer overflows occurring within the Sanitary District's northeast service area.

57	L174913	Walnut	4/25/2018	-19,985.68	0.00	Construction will consist of a new influent fine screen and flow meter, replacement of the existing aeration tank aeration system, replacement of the existing aerobic digester aeration system, 3 new blowers, upgrading the method of decanting for the existing aerobic digester and sludge storage tank, and the construction of new building to house the new fine screen, blowers, motor control center, and laboratory. Other construction consists of a new decant lift station with 2 pumps rated at 100 gallons per minute and 200 feet of 4-inch diameter force main, approximately 125 feet of force main to extend the Main Street Lift Station, approximately 113 feet of 10-inch diameter force main to extend the Wet Weather Lift Station, and other necessary appurtenances to improve the Walnut treatment system.
58	L172497	Westville - Belgium S.D.	4/24/2018	-45,766.00	0.00	Construction consists of approximately 640 feet of 24 inch sanitary sewer, new influent parshall flume, two - 52 feet diameter excess flow clarifiers with flow diversion/splitter structure, new excess flow chlorination and dechlorination systems, an excess flow sludge pump station, a new excess flow meter and a new excess flow cascade aerator and other miscellaneous appurtenances. This work is covered by IEPA Permit Numbers 2005-AB-2767, 2005-AB-3052 and 2005-AB-3052-1.
59	L175052	Wheaton S.D.	2/7/2018	-313,432.70	0.00	Rehabilitate the existing Intermediate Screw Pump Station due to a decrease of pump station's capacity and reliability to handle design maximum flow.
60	L175054	Wheaton S.D.	2/7/2018	-127,904.00	0.00	The construction of new fine bar screens at the Wheaton Sanitary District Waste Water Treatment Facility.

Total Amount of Loan Amendments	\$ (32,467,838.19)
Total Amount of Loan Awards	\$ 395,572,175.44
Net Amount of Loan Agreements and Loan Amendments	\$ 363,104,337.25
Total Amount of Principal Forgiveness Provided	\$ 18,517,838.95

Attachment B

Financial Statements

Pages 12-14 and 18-20 from Independent Accountants' Report

Illinois Environmental Protection Agency
Schedule of Assets and Liabilities - Waste Water - Modified Cash Basis
June 30, 2018

Assets

Cash & Cash Equivalents	
Cash - State Treasurer - WW - Fund 270	\$ 93,469,534.58
Cash & Equivalents - Trustee - WW	6,117,316.85
Cash & Equivalents - Trustee - WW - Restricted	177,138,337.94
Receivables	
Due from DW - WW	285,408.48
Loans Receivable - WW	3,014,451,457.11
Interest Receivable - WW	15,085,410.15
Loan Support Receivable - WW	6,904,365.08
Restricted	
Investments - Restricted - WW	<u>5,000,195.31</u>
	3,318,452,025.50
Deferred Outflow of Resources - Deferred Amount on Bond Refunding	
	<u>195,963.19</u>
Total Assets	<u><u>3,318,647,988.69</u></u>

Liabilities and Net Position

Bonds Payable	
Bonds Payable - Current - WW	40,527,768.04
Bonds Payable - Non Current - WW	627,711,305.50
Unamortized Bond Premiums (Discounts) - Current - WW	15,138,755.45
Unamortized Bond Premiums (Discounts) - Non Current - WW	95,165,193.57
Interest Payable on Bonds - WW	<u>16,154,922.15</u>
Total Liabilities	794,697,944.71
Deferred Inflow of Resources - Deferred Amount on Bond Refunding	
	<u>34,840.34</u>
Total Liabilities and Deferred Inflow of Resources	794,732,785.05
Net Position	
USEPA Capitalization Grants - WW	1,632,136,554.10
USEPA Capitalization Grants - ARRA - WW	88,124,109.00
Loan Program Equity from Loan Support	15,000,000.00
State Match - WW	352,975,564.54
Debt Service - WW	104,428,108.59
Unrestricted - WW	<u>331,250,867.41</u>
Total Net Position	<u>2,523,915,203.64</u>
Total Liabilities and Net Position	
	<u><u>\$ 3,318,647,988.69</u></u>

See accountants' report.

Illinois Environmental Protection Agency
Income and Expense Schedule - Waste Water - Modified Cash Basis
Month and Year Ended June 30, 2018

	<u>Current Month</u>	<u>Year-to-Date</u>
Operating Revenues		
Miscellaneous Revenue - WW	\$ -	\$ 31.60
Total Interest Earned (LS02) - WW	2,677,029.11	29,878,985.46
Loan Support Billed (LS02) - WW	<u>1,863,424.50</u>	<u>22,263,973.64</u>
Total Operating Revenues	4,540,453.61	52,142,990.70
Operating Expenses		
Administrative Expense - Payroll - WW	218,095.48	2,764,624.29
Administrative Expense - Miscellaneous - WW	15,364.55	554,991.64
Loan Support Expense - Payroll - WW	633,287.98	7,437,903.08
Loan Support Expense - Miscellaneous - WW	20,561.30	1,405,098.30
Compliance Grants - WW	45,534.14	3,523,511.46
Principal Forgiveness - WW	<u>781,529.59</u>	<u>17,267,812.73</u>
Total Operating Expenses	<u>1,714,373.04</u>	<u>32,953,941.50</u>
Total Operating Income (Loss)	2,826,080.57	19,189,049.20
Non-Operating Revenues		
Interest on Cash - State Treasury - WW	112,631.68	637,371.84
Interest on Trustee Funds - WW	681,022.19	2,951,723.69
Gain(Loss) on Investment Sales - WW	3,845.29	255,196.86
Drawdowns - Loans - WW	13,708,681.39	52,694,775.95
In-Kind Grant Income	<u>6,357.30</u>	<u>217,045.04</u>
Total Non-Operating Revenues	14,512,537.85	56,756,113.38
Non Operating Expenses		
Bond Interest Expense - WW	(4,265,186.23)	22,232,378.52
Underwriters Discount - WW	-	1,342,772.97
Trustee Expense - WW	-	117,509.85
IFA Management Fee - WW	-	2,500.00
Investment Fee	-	71,972.72
Bond Issuance Costs - WW	<u>-</u>	<u>586,108.83</u>
Total Non-Operating Expenses	<u>(4,265,186.23)</u>	<u>24,353,242.89</u>
Total Non-Operating Income (Loss)	<u>18,777,724.08</u>	<u>32,402,870.49</u>
Net Income (Loss)	21,603,804.65	51,591,919.69
Net Position, Beginning of Period	<u>2,502,311,398.99</u>	<u>2,472,323,283.95</u>
Net Position, End of Period	<u>\$ 2,523,915,203.64</u>	<u>\$ 2,523,915,203.64</u>

See accountants' report.

Illinois Environmental Protection Agency
Cash Flow Schedule - Waste Water - Modified Cash Basis
Year Ended June 30, 2018

CASH FLOWS FROM OPERATING ACTIVITIES	
Cash receipts from interest on program loans	\$ 21,958,072.01
Cash receipts from loan support on program loans	21,958,067.37
Cash receipts from miscellaneous sources	31.60
Cash payments for miscellaneous services	(5,266,556.36)
Cash payments to employees for services	(10,202,527.37)
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	<u>28,447,087.25</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES	
Grants Received (LOC Drawdowns)	52,694,775.95
Bond Principal Payments	(26,981,272.00)
Interest Paid on Bonds	(21,123,458.60)
Proceeds from borrowing, net of underwriter's discount	411,947,313.88
Other Bond Issuance Costs	(586,108.83)
NET CASH PROVIDED (USED) BY NON-CAPITAL FINANCING ACTIVITIES	<u>415,951,250.40</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Program Loans - Disbursements	(465,187,630.99)
Program Loans - Principal Repaid	196,147,561.25
Purchase of Investments	(1,256,293,699.49)
Proceeds from sale and maturities of investments	1,251,548,701.04
Cash receipts from interest on funds with the State Treasurer	637,371.84
Interest on Investments (Trustee)	2,951,723.69
Trustee Expense	(117,509.85)
IFA Management Fee	(2,500.00)
Investment Fee	(71,972.72)
NET CASH PROVIDED (USED) BY INVESTING ACTIVITIES	<u>(270,387,955.23)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	174,010,382.42
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	<u>102,714,806.95</u>
CASH AND CASH EQUIVALENTS AT END OF PERIOD	<u><u>276,725,189.37</u></u>
RECONCILIATION OF NET INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES	
Income(loss) from operations	19,189,049.20
Adjustments to reconcile income from operations to net cash provided by operating activities:	
Principal forgiveness	17,267,812.73
Contractual services paid through grant	217,045.04
(Increase) decrease in assets:	
(Increase) Decrease in accounts receivable:	(8,226,819.72)
Increase (decrease) in liabilities:	
NET CASH PROVIDED BY OPERATING ACTIVITIES	<u><u>\$ 28,447,087.25</u></u>

See accountants' report.

Illinois Environmental Protection Agency
Notes to Schedules - Waste Water
June 30, 2018

Total Federal LOC	\$ 1,764,385,861.00
Less:	
Drawdowns - Loans	1,734,089,197.83
Drawdowns - Administrative	<u>23,013,015.71</u>
Total Remaining LOC	<u><u>7,283,647.46</u></u>
Total Federal LOC - ARRA Loans	177,243,100.00
Less:	
Drawdowns - Loans - ARRA Loans	<u>177,243,100.00</u>
Total Remaining LOC - ARRA Loans	<u><u>-</u></u>
Total State LOC	\$ 352,877,172.20
Less:	
Deposits	319,105,941.54
Transfers from Loan Support to State Match	<u>33,869,623.00</u>
Total Remaining State LOC	<u><u>(98,392.34)</u></u>
2013 Bond Sale	91,093,320.50
Plus:	
Premium	<u>10,841,800.52</u>
Total Proceeds	<u><u>101,935,121.02</u></u>
2016 Bond Sale	297,500,000.00
Plus:	
Premium	<u>54,432,960.55</u>
Total Proceeds	<u><u>351,932,960.55</u></u>
2017 Bond Sale	348,050,000.00
Plus:	
Premium	<u>65,240,086.85</u>
Total Proceeds	<u><u>413,290,086.85</u></u>

See accountants' report.

Illinois Environmental Protection Agency
 Status Report - Waste Water
 June 30, 2018

	Fiscal Year	Total to Date
LOAN AWARDS:		
Total Loans Offered	\$ 831,473,187.69	\$ 6,899,796,377.48
Less: Disbursements (Loans)	465,187,630.98	5,289,671,366.68
Balance of Loans Outstanding	<u>366,285,556.71</u>	<u>1,609,125,010.80</u>
WVWLP STATUSES:		
State Match Deposits		319,105,941.56
Transfer from Loan Support to State Match		33,869,623.00
Bond Sale		1,052,849,962.85
Letter of Credit Drawdowns - To Replace Fund Equity (Reserve)-2002	411,947,313.98	50,000,000.00
Letter of Credit Drawdowns - To Replace Fund Equity (Reserve)-2004		29,996,018.50
Letter of Credit Drawdowns - Loans	62,694,775.95	1,644,093,173.33
Letter of Credit Drawdowns - Adm. Costs		22,051,440.00
Drawdowns - Stimulus Loans		177,243,100.00
Interest on Cash - State Treasurer (2)	637,371.84	129,530,816.94
Interest on Unpledged Repayments - Trustee		794,423.14
Interest on Trustee Funds of Debt Service Pay Dates - 2002 Bond Sale		18,624,554.67
Interest on Trustee Funds of Debt Service Pay Dates - 2004 Bond Sale		14,414,683.32
Interest on Trustee Funds of Debt Service Pay Dates - 2013 Bond Sale	2,951,723.69	3,696,472.48
Interest on Arbitrage Investments		173.49
Incorrect Transfer to State General Revenue Fund		959,676.71
In-Kind Grant Income	217,045.04	1,740,866.60
AIS Termination Fee		80,853.03
Miscellaneous Receipts	31.60	2,103,061,643.04
Repayments (Principal)	165,147,661.26	31,146,793.06
Repayments (Interest)	21,968,072.81	284,647,259.06
Repayments (Loan Support)	21,968,067.37	2,964,205,992.24
Sales of Investments	1,251,548,701.04	876,254.16
Gain on Sales of Investments (Return of Income) - 2002		1,110,669.94
Gain on Sales of Investments (Return of Income) - 2004		50,000,000.00
Reserve - Depreciate for Series 2002 Bonds		40,000,000.00
Reserve - Depreciate for Series 2004 Bonds		8,935,265,470.72
TOTAL CASH RECEIPTS	<u>1,984,237,855.79</u>	<u>5,289,671,366.68</u>
Less: Disbursements to Borrowers		
Disbursements for Reserve - 2002 - Loaned to DIV		50,000,000.00
Disbursements for Reserve - 2002		40,000,000.00
Disbursements for Reserve - 2004		50,392,929.27
Disbursements - Adm. Expense	3,319,610.33	171,574,318.81
Disbursements - Loan Support	8,043,001.39	18,394,623.33
Disbursements - Construction Services (Rent)	3,633,511.46	
Transfer from Loan Support to State Match		33,869,623.00
Transfer to Drinking Water State Match		17,858,600.00
Transfer of State Match from Trustee Accounts		62,393,382.12
Debt Service Payments on Series 2002 Bonds	24,176,592.12	112,089,182.53
Debt Service Payments on Series 2004 Bonds		72,814,065.18
Debt Service Payments on Series 2013 Bonds		104,423,569.00
Arbitrage Expense - 2002/2004 Bond Sale	48,104,739.60	2,590,569.70
Arbitrage Calculation Costs		10,000.00
Trustee Annual Fee - 2013 Bond Sales	117,509.85	137,069.05
Trustee Annual Fee - 2002 Bond Sales		56,800.00
Trustee Annual Fee - 2004 Bond Sales	2,600.00	127,500.00
IPA Management Fee	71,972.72	127,907.51
Investment Fee		4,439.20
Mandatory Transfer Out		205,169.40
Due from DIV		17,750,000.00
Transfer to DIV Loan Program from WVWLP Program		29,439,412.62
Payments to Trustee for Future Bond Debt Service Maturities - 2002		37,678,445.23
Payments to Trustee for Future Bond Debt Service Maturities - 2004		2,569,176,654.34
Purchase of Investments	1,256,203,699.49	1,666,199.39
Bond Issuance Costs	506,109.83	
TOTAL CASH DISBURSEMENTS	<u>1,810,226,673.36</u>	<u>8,638,540,281.31</u>
CASH BALANCE	<u>174,010,383.43</u>	<u>276,725,109.41</u>

Illinois Environmental Protection Agency
 Schedule of Assets and Liabilities - Loan Support - Modified Cash Basis
 June 30, 2018

	<u>Drinking Water</u>	<u>Waste Water</u>	<u>Combined</u>
Assets			
Cash & Receivables			
Cash - Loan Support	\$ 8,672,023.20	\$ 16,049,416.45	\$ 24,721,439.65
Loan Support Receivable	<u>2,095,407.50</u>	<u>6,904,365.08</u>	<u>8,999,772.58</u>
Total Assets	<u><u>10,767,430.70</u></u>	<u><u>22,953,781.53</u></u>	<u><u>33,721,212.23</u></u>
Net Position			
Loan Support Net Position	<u>10,767,430.70</u>	<u>22,953,781.53</u>	<u>33,721,212.23</u>
Total Net Position	<u><u>\$ 10,767,430.70</u></u>	<u><u>\$ 22,953,781.53</u></u>	<u><u>\$ 33,721,212.23</u></u>

See accountants' report.

Illinois Environmental Protection Agency
Income and Expense Schedule - Loan Support - Modified Cash Basis
Period Ended June 30, 2018

	Drinking Water		Waste Water		Combined	
	Fiscal Year	Total to Date	Fiscal Year	Total to Date	Fiscal Year	Total to Date
Operating Revenues						
Loan Support Billed	\$ 7,974,189.18	\$ 65,817,313.01	\$ 22,263,973.64	\$ 291,543,619.67	\$ 30,228,172.82	\$ 357,360,832.68
Total Operating Revenues	7,974,189.18	65,817,313.01	22,263,973.64	291,543,619.67	30,228,172.82	357,360,832.68
Operating Expenses						
Loan Support Expense - Payroll & Miscellaneous	2,620,881.06	37,855,378.92	8,843,091.38	171,574,316.81	11,463,852.44	208,429,695.73
Compliance Grants	-	1,898,116.71	3,523,511.46	18,384,623.33	3,523,511.46	29,282,740.64
Transferred Loan Support to State Match	-	9,895,500.00	-	33,869,623.00	-	43,455,123.00
Transferred WW Loan Support to DW State Match	-	-	-	17,858,500.00	-	17,858,500.00
Transfer from Loan Support to Loan Program Funds	-	5,700,000.00	-	16,690,000.00	-	20,790,000.00
Principal Forgiveness	-	-	-	11,902,575.00	-	11,902,575.00
Prior Year Adjustment Due to Timing	-	886.68	-	-	-	886.68
Total Operating Expenses	2,620,881.06	55,049,882.31	12,366,512.84	263,889,738.14	14,987,393.00	323,639,620.45
Total Operating Income (Loss)	5,353,318.12	10,767,430.70	9,897,460.80	22,953,781.53	15,256,778.92	33,721,212.23
Net Position, Beginning of Period	5,414,112.58	-	13,055,320.73	-	18,479,433.31	-
Net Position, End of Period	\$ 10,767,430.70	\$ 10,767,430.70	\$ 22,953,781.53	\$ 22,953,781.53	\$ 33,721,212.23	\$ 33,721,212.23

See accountants' report.
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