

Illinois Environmental Protection Agency

PUBLIC WATER SUPPLY LOAN PROGRAM

2018 ANNUAL REPORT

July 1, 2017 – June 30, 2018

Prepared For

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Illinois EPA – Public Water Supply Loan Program – 2018 Annual Report

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PUBLIC WATER SUPPLY LOAN PROGRAM

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

I. Introduction

In accordance with Title XIV of the 1996 Safe Drinking Water Act as amended (SDWA) and the Public Water Supply Loan Program (PWSLP) Operating Agreement (OA) 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 PWSLP 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 \$34,393,000 on September 20, 2017 for use in the PWSLP. A total of \$64,084,843 in loan repayments were received during the reporting period, with those receipts consisting of \$56,650,772 in repayment principal and \$7,434,071 in repayment interest. The PWSLP also received \$4,623,430 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 deducted from the PWSLP's 4% administrative set aside (\$1,375,720) and Illinois will use the remaining \$1,280,720 to fund regular administrative costs of the program.

During the reporting period, the Illinois EPA entered into twenty-nine (29) new loans (binding commitments) totaling \$337,565,298.45 and forty-eight (48) loan amendments totaling (\$2,758,431.99) for a net new funding commitment of \$334,806,866.46. These loans and amendments are detailed within Attachment A.

III. Conditions of the Capitalization Grant Agreement

The Illinois EPA has agreed to administer the PWSLP 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 PWSLP 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 PWSLP but also on expenditures out of the PWSLP.

A. Goals and Objectives of the IUP

Several short and long-term goals for the PWSLP 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. Support the identification of necessary actions to reduce lead levels in public water supplies;
The Illinois EPA has developed a program to provide principal forgiveness on a defined basis (discussed below) for the complete replacement of lead service lines. The PWSLP continues to learn about the issues related to lead levels in public water supplies and how to assist with addressing those issues.
- b. Educate loan applicants on the impacts of revisions to 35 Ill. Adm. Code Part 662, "Procedures for Issuing Loans from the Public Water Supply Loan Program" (Loan Rules) which went through the rulemaking process with the Joint Committee on Administrative Rules and became effective July 1, 2017. The modified rule includes the following changes to the PWSLP:
 - a) Implement reduced interest rates for loan applicants that qualify for a Small Community Rate or Hardship Rate (662.210);
 - b) 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 (662.220);
 - c) Replace the Pre-Application with a Funding Nomination Form (662.310);
 - d) Make Project Plan costs loan eligible (662.430(a));
 - e) Establish the loan interest rate on July 1 instead of October 1 to coincide with the wastewater loan program; and
 - f) Streamline the application process.

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.

- c. 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 2017 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 663, “Procedures and Requirements for Determining Loan Priorities of Projects in the Public Water Supply Loan Program” and insert the new scoring system into 35 Ill. Adm. Code Part 662, “Procedures for Issuing Loans from the Public Water Supply Loan Program”. Submittal to JCAR is anticipated in 2018 with implementation in 2019 for the development of the FY2020 IUP.

- d. 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 twenty-nine (29) projects and committed a total of \$334,806,866.46 (net) in new loan resources during the reporting period.
- e. 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.
- f. 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.
- g. Use Set-Aside funds to arrange for a circuit-rider who will assist smaller communities with rate analysis, asset management, system analysis, water-loss, etc.;
As of this writing the Illinois EPA has entered into an agreement with the Illinois Rural Water Association (IRWA) to assist public drinking water system staff, owners, operators, clerks, board and council members, and others involved in the operation, maintenance or management of a public water system. By providing on-site technical assistance and training services, community water supplies should be able to more efficiently operate and maintain their systems. The activities will begin in SFY 2019 and therefore will be discussed in greater detail in the 2019 Annual Report.
- h. Monitor the demand for assistance during FY2018 and beyond, and borrow against the PWSLP’s loan repayments by issuing revenue bonds when necessary;

The Illinois EPA will continue 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 PWSLP can provide while maintaining it as a perpetual source of funding.

2. Long Term Goals

- a. Maximize below-market rate loans and subsidies to eligible public water systems to fund improvements to eliminate public health threats, and ensure compliance with federal and state drinking water laws and regulations;
The Illinois EPA executed a total of twenty-nine (29) 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%. The Illinois EPA will continue to place an overarching emphasis on eliminating public health threats, and ensuring compliance with federal and state drinking water laws and regulations.
- b. Maintain the integrity of the Water Revolving Fund by providing a stable and perpetual financing source for eligible loan applicants within the State and to fund those loan applicants with available loan resources;
The Illinois EPA has established a revolving loan program, the PWSLP, 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 PWSLP provided a total of \$334,806,866.46 (net) in funding commitments during the reporting period.
- c. Target small and disadvantaged community assistance to reduce the financial impact of capital improvements projects on the users of smaller systems and systems serving less affluent populations;
As demonstrated by the new interest rate tiers, and the focus of additional subsidization towards disadvantaged communities, the Illinois EPA will continue to focus strategies towards providing beneficial financing opportunities to small and economically challenged communities.
- d. Support extensions of public water systems to address areas of contaminated private water systems;
The Illinois EPA will continue to support any project which will address areas of contaminated private water systems. This situation is a focus of the new project priority scoring system that is currently being developed.

- e. Promote the development of the technical, managerial and financial capability of public water system owners and operators to maintain compliance with the state and federal SDWA requirements;
The contractual arrangement discussed above between the Illinois EPA and the Illinois Rural Water Association (IRWA) is a prime example of efforts the Agency would like to promote. These efforts will occur over the next two years and if successful the Agency hopes to continue them in the future.
- f. To continue the development of the Water Revolving Fund as a major financial vehicle for public water supply systems achieving compliance with State and federal law; and
The Illinois EPA continues to explore best practices which will contribute to the growth and stability of the fund and will emphasize compliance issues in the development of future project prioritization systems.
- g. Encourage the consolidation and/or regionalization of small public water systems so these systems may take advantage of economies of scale available to larger water systems.
The Illinois EPA will continue to explore ideas and practices to encourage the consolidation and/or regionalization of small public water systems so these systems may take advantage of economies of scale available to larger water systems.

B. Additional Subsidy Requirement

By accepting the 2017 capitalization grant the PWSLP agreed to provide additional subsidization in the form of principal forgiveness, negative interest rate loans, or grants to recipients of eligible loans. The PWSLP 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.

Section 1452 of the SDWA allows states to provide up to 30% of the available Capitalization Grant funds to provide subsidization for disadvantaged communities in the form of principal forgiveness. The Disadvantaged Community Principal Forgiveness (DCPF) methodology was outlined in the PWSLP 2018 Intended Use Plan as follows:

All loan recipients during State FY 2018 with a Median Household Income (MHI) level below the state average of \$57,574, and a population less than or equal to 25,000 qualified for principal forgiveness. In addition, loan applicants with a population greater than 25,000 and a MHI less than 70% of the state average

(\$40,302) qualified to receive principal forgiveness. For all recipients, the amount of principal forgiveness is equivalent to 50% of the initial loan amount up to a maximum of \$500,000. Principal forgiveness for disadvantaged communities was to be available for State FY2018 loan recipients until the maximum amount was expended, but the 30% threshold was not reached.

In accordance with the Consolidated Appropriations Act, 2017 (Public Law 114-332) the PWSLP was required to provide a minimum of \$6,878,600 in principal forgiveness. As outlined in the FY 2018 Intended Use Plan, Illinois decided to use these funds for projects that reduce or eliminate lead from potable water by removing and replacing lead service lines, and related equipment and appurtenances that the Agency deems a likely source of lead contamination. To qualify, a community water system must document lead service lines are connected to its system. Lead Service Line Replacement (LSLR) principal forgiveness was available for loan recipients up to a maximum amount of \$2,000,000 if the communities MHI is less than 70% of the State average (\$40,302). For other recipients, principal forgiveness was available up to 50% of the initial loan amount up to a maximum amount of \$1,000,000. Total project cost includes engineering, administrative, legal, and construction costs. LSLR principal forgiveness was to be available for State FY2018 loan recipients until all allotted funds were expended, which did not occur. As the LSLR funding was not fully expended, the balance was used to provide disadvantaged community principal forgiveness as prescribed in the IUP.

A total of \$2,000,000 of principal forgiveness was provided in accordance with the LSLR criteria outlined above, and \$3,082,956.65 of principal forgiveness was provided in accordance with the DCPF criteria outlined above. This resulted in a total of \$5,082,956.65 in principal forgiveness being provided. Attachment A contains the loan recipients which received the principal forgiveness.

The Illinois EPA has not yet met the requirement of the Consolidated Appropriations Act, 2017 whereby the PWSLP was required to provide a minimum of \$6,878,600 in principal forgiveness. Due to the Illinois EPA only providing a total of \$5,082,956.65 in principal forgiveness in SFY 2018, and little interest shown thus far in lead service line replacement funding, the Illinois EPA has increased the maximum amount of principal forgiveness available to disadvantaged communities in SFY 2019 to \$1,500,000. The Illinois EPA will track the principal forgiveness provided in FY2019 and, as allowed per the Consolidated Appropriations Act of 2017, identify loan recipients provided principal forgiveness which will count towards satisfying the \$6,878,600 threshold. The Illinois EPA is projecting, based upon the Intended Funding List for SFY 2019, that approximately \$14,600,000 in principal forgiveness will be provided in SFY 2019. Illinois EPA hereby certifies and assures that the PWSLP will provide additional subsidization to loan recipients in accordance with the requirements associated with receipt of its 2017 capitalization grant, received during State FY 2018.

C. Certifications

The Illinois EPA has 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 PWSLP in compliance with all FFATA reporting requirements. And finally, the Illinois EPA certifies, and has previously certified that all assistance made available under the PWSLP was provided under terms and conditions requiring compliance with the Davis-Bacon Wage Act as specified in the appropriations for the Drinking 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 Grant

The U.S. EPA awarded the FY 2017 capitalization grant to the Illinois EPA on September 20, 2017 in the amount of \$34,393,000.

The Illinois EPA realizes that federal draw-downs must be proportional to state match draw downs. Starting with the 2014 grant, the Illinois EPA will spend the state match in its entirety and then draw both the loan funds and the administrative funds at a rate of 100 percent. The 2017 grant provides \$95,000 of In Kind Contractual Services by Northbridge Environmental Consultants to provide continued work on the Loan Grant Tracking System. The Illinois EPA has deducted this amount of In Kind from its 4% administrative set aside and has set aside \$1,280,720 of the grant for Administrative costs.

2. State Matching Funds

The Illinois EPA matched the \$34,393,000 FY 2017 capitalization grant with \$6,878,600 of State Match Bond Proceeds on September 12, 2016.

3. Repayments and Fund Equity

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

4. Leveraging – Needs updated

On September 12, 2017 the program issued \$211,975,000 in Clean Water Leveraged Bonds which after adding the premium of \$39,206,894 and subtracting issuance costs resulted in proceeds of \$250,000,000 for use in the loan program. There were no State Match Bonds issued with the 2017 issuance.

B. Binding Commitments

During the reporting period, the Illinois EPA entered into twenty-nine (29) new loans (binding commitments) totaling \$337,565,298.45 and forty-eight (48) loan amendments totaling (\$2,758,431.99) for a net new funding commitment of \$334,806,866.46. All loans and amendments are detailed within Attachment A.

C. Disbursements

Disbursements made to loan recipients during this reporting period totaled \$251,607,671. Total expenditures of \$1,309,427 are reported for administrative costs during the reporting period.

D. Fiscal Status of the PWSLP

An analysis in this area requires a direct comparison of financial data including revenues, expenditures, PWSLP sources and uses, and PWSLP balance (see Attachment B, Financial Statements). The Illinois EPA has established operating procedures and management tools that will assure that the program is capable of operating 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.

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 SDWA 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) Binding commitments to provide assistance have been made in amounts 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

PWSLP Loans Awards, Amendments and Principal Forgiveness Provided

10 Pages

Illinois EPA - Public Water Supply Loan Program - Annual Report - Attachment A

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

Project Number	Party	Population	Agreement Date	Agreement Amount	Forgiveness Amount	Description
1	L175457 Alsip	19,346	10/12/2017	1,568,116.50	500,000.00	Replacement of approximately 5,800 linear feet of 6-inch diameter water main with 8-inch diameter water main, installation of approximately 20 new fire hydrants, installation of approximately 12 new valves and all related appurtenances to the project.
2	L175515 Atwood	1,191	6/27/2018	290,340.69	145,170.35	The project consists of surface preparation, sandblasting, cleaning and painting of the existing 150,000-gallon elevated water tank and existing 7,500-gallon detention tank. The Village is also performing filter and softener rehabilitation to address the media and ion-exchange system.
3	L174284 Campbell Hill		6/18/2018	447,501.70	223,750.85	This loan will fund the replacement of approximately 5,560 feet of 4-inch diameter drinking water mains, twenty-nine hydrants and approximately 269 outdated drinking water meters. In addition, the water meter radio read system will be upgraded to a more efficient system.
4	L175389 Carlyle	3,224	9/29/2017	1,835,552.87	0.00	The project consists of the installation of approximately 564 feet of 4-inch diameter water main, approximately 968 feet of 6-inch diameter water main, approximately 7,970 feet of 8-inch diameter water main, approximately 8,532 feet of 12-inch diameter water main, and other appurtenances to replace existing water mains and connection services that are failing and/or undersized along Old Route US 50 and Old State Road.
5	L175358 Central Lake County Joint Action Water Agency		2/23/2018	11,011,459.50	0.00	Installation of approximately 16,000 linear feet of 20-inch diameter water main, 900 linear feet of 12-inch diameter water main and all related appurtenances and restoration.
6	L175444 Central Lake County Joint Action Water Agency		9/29/2017	6,263,823.10	0.00	Installation of approximately 13,800 linear feet of 24-inch diameter water transmission main to connect Central Lake County Joint Action Water Agency with the Villages of Volo and Wauconda.
7	L175449 Central Lake County Joint Action Water Agency		5/30/2018	4,810,156.08	0.00	Installation of 10,300 linear feet of 24-inch diameter water transmission main to connect Central Lake County JAWA with the Villages of Wauconda and Volo.
8	L175451 Central Lake County Joint Action Water Agency		3/14/2018	3,457,452.65	0.00	Installation of 60 linear feet of 24-inch diameter transmission main and 10,000 linear feet of 16-inch diameter water transmission main to connect Central Lake County Joint Action Water Agency with the Villages of Volo and Wauconda.
9	L175330 Chicago	2,720,546	6/18/2018	53,656,000.00	0.00	The project entails the conversion of the Central Park Pumping Station from steam driven to electrical operation. Details of the project include the demolition of five steam turbines and replacement with electric induction motors, factor refurbishment of five existing centrifugal pumps, installation of a new hydraulic valve operating system, new pump vacuum priming system, and new pump lube oil system to support operation of the pumps, the demolition of five existing boilers, refurbishment of the boiler room for installation of four new standby diesel generators, the installation of five new variable speed drives and medium voltage switchgear in a new 5,900 square foot building, the installation of new ComEd transformers and switchgear in a new 5,500 square foot building, renovation of facility HVAC and electrical systems, installation of a new SCADA system, demolition of existing fuel storage tanks and installation of new double walled oil storage tanks, installation of a photovoltaic power system, and various other associated appurtenances.
10	L175480 Chicago	2,720,546	4/13/2018	105,321,333.00	0.00	As part of Chicago's ongoing water main upgrade project, the loan eligible aspect of this project consists of the replacement of 55 miles of water main. This Loan combines the ongoing activities associated with previous loans L175331, which consisted of Districts 3 through 6, and L175417, which consisted of Districts 1 and 2.

11	L175481	Chicago	2,720,546	6/21/2018	18,000,000.00	0.00	Loan funds will be utilized to install water meters at residences throughout the City that are currently unmetered. Installations will be performed by a private contractor. Meters will be equipped with AMR (Automatic Meter Reading) capabilities. Funds will also be used to replace outdated, existing meters with AMR capable units. Loan funds will only pay for installation costs, not water meters. Costs associated with the original construction contract have already been covered by previous loans, however the contract allowed for a one year extension. This loan covers costs which are associated with the extension of the original contract.
12	L175466	Dowell	392	6/11/2018	377,879.02	188,939.51	The project involves the installation of approximately 7,100 linear feet of 4-inch water main and 2,400 linear feet of 6-inch water main in 7 different locations to replace existing water mains that are undersized and to loop existing water mains to eliminate dead ends. The Village will also replace approximately 450 water meters to ensure compatibility with the new system.
13	L175337	Downers Grove	49,732	4/23/2018	3,704,667.79	0.00	Installation of approximately 15 linear feet of 4-inch diameter water main, 325 linear feet of 6-inch diameter water main, 10,373 linear feet of 8-inch diameter water main and all related restoration and appurtenances to make project complete and operational. Completion of this project will allow for a more dependable distribution system within the Village.
14	L175528	Galesburg	31,273	3/14/2018	2,000,000.00	2,000,000.00	The project consists of the replacement of approximately 475 lead water service lines within the City of Galesburg. This is Phase 2 of a multi-phased project.
15	L175428	Joliet	147,861	3/14/2018	5,830,195.90	0.00	This loan is part of a five year water distribution system rehabilitation program. The first loan was L175427. The program will rehabilitate approximately 1% of the system each year. Loan numbers for subsequent years are as follows: L175428-2018, L175429-2019, L175430-2020 and L175431-2021. This loan will fund the City of Joliet's 2018 Water Main Improvements project. This project will increase water main capacity, decrease water main breaks, and improve fire flows. The Jefferson Street/Essington Road project includes the rehabilitation of approximately 2,800 linear feet of water main with cured-in-place pipe liner (CIPP) and the replacement of 260 linear feet of water main. In the Marycrest neighborhood, approximately 10,100 linear feet of 6-inch water main will be replaced with 8- to 10-inch water main. In addition, 191 water services will be replaced and 30 new fire hydrants will be installed. In the Raynor Park neighborhood, approximately 6,300 linear feet of 6-inch water main will be replaced with 8- to 10-inch water main. 117 water services will be replaced and 18 fire hydrants will be installed. The Scriber Avenue project includes the replacement of approximately 1,600 linear feet of 4- and 6-inch water main with 6- and 8-inch water main. In addition, 38 water services will be replaced and 6 fire hydrants will be installed.
16	L175486	Lombard	43,797	9/25/2017	3,854,828.82	0.00	This loan will fund the installation of approximately 10,800 residential water meters and convert those meter accounts to automated meter infrastructure (AMI) technology. The scope of work includes, but is not limited to, providing and installing new water meters, registers, transmitting modules, receiver base stations, upgraded accounting software, and network transceivers/repeaters. This is the final component of a completely operational fixed network radio frequency automatic meter reading system in the Village of Lombard.
17	L175513	Morton Grove-Niles Water Commission		2/28/2018	75,186,071.44	0.00	Construction of approximately 48,000 linear feet of new water transmission main (16-30 inch diameter); two pump stations; one 7-million gallon standpipe; and the rehabilitation of approximately 14,000 feet of 20-inch water main. The work will allow the City of Evanston to supply the Villages of Morton Grove and Niles with drinking water.
18	L175434	Mount Carroll	1,620	1/10/2018	405,817.40	202,908.70	Purchase and installation of 890 new radio read water meters, a handheld reading receiver and computer software, and 10 new fire hydrants which will allow for better tracking of water usage within the community.
19	L175467	New Lenox	25,800	12/11/2017	4,501,768.02	0.00	Installation of approximately 11,361 linear feet of 12-inch diameter water main, 1,458 linear feet of 8-inch diameter water main, 470 linear feet of 6-inch diameter water main, and approximately 20 linear feet of 4-inch diameter water main to increase reliability of the water mains located along Cedar Road.

20	L174315	Norridge	14,821	6/18/2018	1,609,883.28	0.00	Installation of approximately 1,181 linear feet of 6-inch diameter water main, 2,965 linear feet of 8-inch diameter water main, and 430 linear feet of 10-inch diameter water main.	
21	L175426	Rochelle	9,309	8/30/2017	3,345,195.00	500,000.00	The project consists of the construction of a new 1,300 gallon per minute radium removal water treatment plant for water supply well number 11; raising the top of well number 11's casing by two feet, to be above the 100-year flood level; installation of an emergency electrical generator; and construction site restoration.	
22	L175341	Rockton	7,525	1/16/2017	3,766,597.67	0.00	Installation of automated water meter reading system, approximately 349 water meters, basestation, transmitters and approximately 16,351 linear feet of 6-inch diameter water main and 2,340 linear feet of 8-inch diameter water main. Project will also include the purchase of 135 meters and all related appurtenances and restoration to make the project complete and operational.	
23	L175522	Rockton	7,525	3/2/2018	288,653.81	0.00	Removal and Replacement of 27 linear feet of 8-inch diameter water main, 289 linear feet of 6-inch diameter water main, and several valves and fire hydrants. Replacement of these items will allow for a more dependable distribution system within this service area.	
24	L173852	Shannon	712	10/26/2017	4,032,392.17	500,000.00	Drill and complete Well #5, construction of a Wellhouse for Well #4 and Well #5, construct 4,539 linear feet of 8-inch diameter water main and 345 linear feet of 6-inch diameter water main, construct 3 vertical pressure filters along with a fluoride, chlorine, phosphate feed system, and HMO filtration system to reduce radium levels, construct sewer connection of approximately 355 linear feet of 8-inch diameter PVC piping for backwash from the water treatment plant to the Village of Shannon Sewer Treatment Plant.	
25	L175362	Tower Lakes	1,255	9/29/2017	3,700,000.00	0.00	The project consists of the construction of a new iron removal water treatment plant (WTP) at well No. 5, which includes aeration, detention, filtration and an emergency electrical generator; the construction of 10,770 linear feet of 8-inch diameter PVC water main, 16 fire hydrants, 18 valves, 26 short water services, 50 long water services, and necessary construction site restoration.	
26	L175239	Villa Grove	2,495	3/29/2018	4,647,590.00	500,000.00	The project consists of constructing a new 500 gpm water treatment plant with 2 new well pumps, forced draft aerator with detention tank, 2 high service pumps, pressure filters, ion exchange vessels, sodium hypochlorite and fluoride feed systems.	
27	L175379	Wauconda	13,814	8/30/2017	4,348,140.53	0.00	Construct a one million gallon ground storage tank and booster pump station with all related appurtenances. Install a softener bypass pipe at Well #4.	
28	L175455	Willisville	608	5/11/2018	644,374.48	322,187.24	The project entails the construction of 5,505 feet of 4-inch water main and 4,295 feet of 6-inch water main along with new valves and fire hydrants to replace existing undersized water mains and inoperable valves and hydrants.	
29	L173763	Wilmette	27,413	6/11/2018	8,669,507.03	0.00	The project consists of upgrades to the Wilmette Water Treatment Plant, including the replacement of the existing Main Electrical Switchgear, motor control centers (MCCs), and backup emergency generators.	
					\$	337,565,298.45	\$	5,082,956.65

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

1	L173439	Allamont	2,308	3/13/2018	-21,621.00	0.00	-Approximately 4,780 lineal feet (l.f.) of 12-inch water main, 3,170 l.f. of 8-inch water main and four manholes. -All necessary gate valves, interconnects, site work and restoration to make the project complete and operational. This work is covered by IEPA Permit number 1308-FY2009.
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L173693	Aurora	200,661	4/25/2018	-167,087.00	0.00	<p>Alyce Lane Watermain Contract Improvements</p> <ul style="list-style-type: none"> -58 linear feet (L.F.) of 6-inch diameter watermain -1,321 L.F. of 8-inch diameter watermain -Miscellaneous appurtenances and Restoration <p>California Avenue Watermain Contract Improvements</p> <ul style="list-style-type: none"> -100 L.F. of 6-inch diameter watermain -3,178 L.F. of 8-inch diameter watermain -Miscellaneous appurtenances and Restoration <p>Kensington Place Watermain Contract Improvements</p> <ul style="list-style-type: none"> -73 L.F. of 6-inch diameter watermain -2,086 L.F. of 8-inch diameter watermain -Miscellaneous appurtenances and Restoration <p>This work is covered by IEPA Construction Permit Numbers 0787-FY2009, 1071-FY2009, and 1070-FY2009.</p>
2						
L175349	Aviston	2,084	6/8/2018	-162,162.18	0.00	<p>The project consists of the construction of a new 300,000 gallon capacity elevated water storage tank; water treatment plant (WTP) improvements, which includes modifying the existing low and high service pumps and installing new chemical feed pumps; the construction of 5,663 linear feet of 6-inch diameter and 5,190 linear feet of 8-inch diameter PVC water main; construction of 1,200 linear feet of 4-inch diameter PVC force main for the WTP filter backwash; demolition of the existing 30,000 gallon elevated water storage tank and the 167,000 gallon ground storage tank; and necessary construction site restoration.</p>
3						
L174036	Beecher	4,450	6/4/2018	-120,089.23	0.00	<p>The project consists of the replacement of approximately 4,000 linear feet of existing 6 and 8-inch diameter cast iron water main with new 8-inch diameter PVC water main, including valves, fire hydrants, appurtenances, and construction site restoration.</p>
4						
L175463	Bellflower	349	5/14/2018	17,890.18	0.00	<p>Loan will fund the rehabilitation and repainting of the existing 50,000 gallon elevated water storage tank and the installation of 8-inch diameter water mains throughout the village.</p>
5						
L172940	Bellwood	19,308	4/24/2018	-91,081.55	0.00	<ul style="list-style-type: none"> -50 feet of new 12-inch water main. -6,875 feet of new 8-inch water main. -725 feet of new 6-inch water main. -132 feet of short water service. -115 feet of long water service. -46,000 square feet of sidewalk removal and replacement. <p>-All appurtenances and testing for proper operation of the water main.</p> <p>This work is covered by IEPA Construction Permit Number 1180-FY2011.</p>
6						
L172038	Centralla	12,655	3/13/2018	-77,475.00	0.00	<p>The project consists of the construction of a lagoon system to treat the water treatment plant (WTP) filter backwash water and clarifier sludge blowdown water as the existing system of sludge dewatering is no longer functional. The project consists of construction of a lift station at the existing WTP and 3,565 linear feet (l.f.) of 18-inch forcemain to transport the filter backwash water and a lift station and 3,885 l.f. of 6-inch forcemain to transfer the clarifier sludge to the six sludge dewatering lagoons along with necessary valving, fittings, appurtenances and a new generator system. This work is covered by IEPA Permit numbers 2002-EN-1675 and 2002-EN-1675-1.</p>
7						

8	L171812	Crest Hill	21,153	7/10/2017	-1,061.00	0.00	<p>The project consists of improvements to the City of Crest Hill public water supply. It will be constructed under four separate construction contracts as follows:</p> <p>-Well House No. 4 Iron Removal Plant - This contract consists of the construction of a 350 gpm iron removal plant and auxiliary equipment, a 350 gpm distribution system service pump, chemical feed equipment, piping and electrical interconnections to the system, site work and restoration. This work is covered by IEPA Construction Permit No. 1647-FY2002.</p> <p>-Well House No. 8 Iron Removal Plant - This contract consists of the construction of a 350 gpm iron removal plant and auxiliary equipment, a 350 gpm distribution system service pump, piping and electrical interconnections to the system, site work and restoration. This work is covered by IEPA Construction Permit No. 1636-FY2002.</p> <p>-Well No. 10 Iron Removal Plant - This contract consists of the completion of Well No. 10 and construction of a 400 gpm iron removal plant and auxiliary equipment, a 400 gpm distribution system service pump, a chlorination system, a fluoridation system, a polyphosphate feed system, piping, electrical and control equipment, site work and restoration. This work is covered by IEPA Construction Permit No. 0007-FY2003.</p> <p>-SCADA System - This contract consists of the construction of a Supervisory Control and Data Acquisition (SCADA) system for the City of Crest Hill public water supply facilities. The system will include installations at 7 sites and a central data collection site. This work is covered by IEPA Construction Permit No. 0024-FY2003.</p>
9	L175336	Downers Grove	49,732	5/14/2018	-262,580.09	0.00	<p>Installation of approximately 2,740 linear feet of 8-inch diameter water main and 80 linear feet of 6-inch diameter water main. Installation of approximately 20 linear feet of 12-inch diameter water main, 1,865 linear feet of 8-inch diameter water main, 40 linear feet of 6-inch diameter water main, and 40 linear feet of 4-inch diameter water main.</p>
10	L172879	East Dundee	3,200	3/2/2018	-51,614.73	0.00	<p>The project consists of the construction of a 1,000-gpm water treatment plant which includes the following: site preparation, a 113 feet by 84 feet building, horizontal pressure filters, ion exchange water treatment system, gas chlorination, polyphosphate, fluoridation and hydrous manganese oxide systems, piping, controls, appurtenances, 2 well pumps, 2 reducing valves and a 50kW diesel emergency electrical generator. This work is covered by IEPA Construction Permit Number 0333-FY2010.</p>
11	L174820	Evanston	75,527	3/2/2018	83,480.85	0.00	<p>Install an intake heating device on the 48-inch diameter intake pipe structure. Replace the zebra mussel control system by installing a new chlorine carrier pipe, chlorine solution pump, valves, controls and related appurtenances.</p>
12	L175307	Evansville	675	2/9/2018	0.00	200,000.00	<p>Installation of a chlorine dioxide generating system to treat Cryptosporidium at the water treatment plant, installation of a gas chlorination system and all related appurtenances at the water treatment plant, and installation of 520 linear feet of 6-inch diameter piping to connect the water treatment plant to the ground storage tank. Install a new ribbon flow baffling system to the ground storage tank.</p>
13	L175377	Fox Lake	10,518	3/30/2018	-62,685.79	0.00	<p>Funds from this loan will fund the construction of a new 500,000 gallon elevated water storage tank to serve the Village of Fox Lake's North Water System and the rehabilitation of the associated existing booster pump station.</p>
14	L175271	Freeport	24,476	2/14/2018	-639,375.39	0.00	<p>The project involves updating the potable water distribution system by replacing antiquated, damaged, and undersized watermains along with installing 656 pressure reducing valves. A total of 3,739 linear feet of 16-inch diameter water main, 14,864 feet of 12-inch water main, 2,927 feet of 8-inch water main, and 7,523 feet of 6-inch water main will be installed to complete this project.</p>

15	L175459	Genoa	5,196	5/23/2018	-9,389.09	0.00	The project consists of painting and minor improvements to the 400,000 gallon capacity south elevated water storage tank, including installing safety railing and rigging couplings, a screened overflow pipe flap gate and a sediment removal valve.
16	L173442	Hainesville	3,668	4/25/2018	-8,539.00	0.00	-215 feet of 8-inch PVC (Open Cut) watermain, 635 feet of 8-inch PVC (Horizontal Directional Drilling) watermain, and 18-inch Bored and Jacked Casing Pipe. -280 feet of 12-inch PVC (Open Cut) watermain and 100 feet of 24-inch Bored and Jacked Casing Pipe. -Four fire hydrants. -All necessary appurtenances and restoration to make the project complete and operational. This work is covered by IEPA Construction Permit Numbers 0218-FY2010 and 0219-FY2010 and all time extensions.
17	L174818	Harrisburg	8,891	5/14/2018	-94,938.90	0.00	The project consists of the replacement of approximately 15,000 feet of water main with new 6-inch diameter water mains and appurtenances within the oldest part of the City known as the Dorrisville area to maintain compliance with drinking water standards and to continue to provide safe drinking water to the customers.
18	L172823	Harwood Heights	8,635	8/28/2017	-22,011.03	0.00	The Oak Park Avenue distribution system upgrade project consists of the following specific improvements: - Approximately 3,535 l.f. of 10-inch water main along Oak Park Avenue. - Thirteen new fire hydrants and eighteen new pressure reducing valves (replacement of existing hydrants and valves along sections of water main to be replaced/upsized). - All necessary removal of existing water main and site preparation/restoration to make the project complete and operational. Approximately 6,413 meters will be replaced and maintenance will be completed on the meter pits as required. A total of 10,537 meters will be equipped with transmitters to allow for meter data to be collected.
19	L175183	Highland Park	29,743	3/12/2018	-352,321.44	0.00	The project includes the drilling, developing, and connecting of a new well (#7) to the Kirkwood system. Construction includes drilling a new 10-inch diameter by 595 feet well, a well pump rated at 90 gallons per minute, approximately 782 feet of 4-inch diameter raw water main and approximately 10 feet of 3-inch raw water main, control panel modifications, a meter manhole, electrical control building, fencing, electrical and other appurtenances. Also included is the abandonment of existing Well #4. This work is covered by IEPA Construction Permit 0683-FY2010.
20	L173451	Kirkwood	704	4/12/2018	-6,424.80	0.00	The project consists of drinking water distribution system improvements that will allow Lake Villa to change their source of water from wells to Lake Michigan water. The project includes construction of a 1,500,000-gallon capacity ground level water storage tank, a connection facility, approximately 6,800 feet of 12-inch diameter water main that will be directionally drilled through the Sun Lake Nature Preserve, and SCADA system improvements.
21	L175135	Lake Villa	8,821	3/30/2018	-7,422.92	0.00	The project consists of public water supply well field and treatment system improvements, which include: raise the well head casings and install new pumps in seven water supply wells; construct a new water treatment plant with a 15,000 gallon capacity ground storage tank, two high service pumps, chemical feed equipment, monitoring and control system; site piping; electrical work; install a standby generator; necessary appurtenances; and demolish the existing pump building, chemical feed building and wet well.
22	L175302	Lewisstown	2,261	5/2/2018	-147,788.59	0.00	The project consists of the construction of a new water supply well, a new 100,000 gallon ground storage tank, the installation of approximately 3,100 feet of 10-inch raw water transmission line, the replacement of 3,100 feet of 10-inch water main, and a new water treatment plant rated at 500 gallons per minute along with all the necessary appurtenances to make this project complete and operational.
23	L174815	Lexington	2,059	5/2/2018	-14,672.65	0.00	

24	L175026	Lindenhurst	14,408	5/2/2018	-135,249.60	0.00	<p>This project consists of Phase 1 of two Phases of water distribution system improvements that will allow the Village to connect to a regional water system that is supplied by Lake Michigan water. The construction for this phase will include the following: earth excavation; contaminated soil removal; granular backfill material; removal and restoration of roadways, sidewalks, curbs, gutters and driveways; removal and restoration of storm and sanitary sewers; 15,025 linear feet of water main that ranges in size from 6-inches to 16-inches in diameter; fire hydrants; valves; copper water services; miscellaneous appurtenances; necessary construction area restoration; erosion control; and traffic control and protection. This work is covered by IEPA Construction Permit Number 0494-FY2015.</p>
25	L172805	Manhattan	7,400	4/24/2018	-34,741.00	0.00	<p>The project consists of the removal and replacement of the existing 550 gpm well pump with a 1,000 gpm well pump and installation of a 1,000 gpm hydrous manganese oxide (HMO) treatment facility consisting of a pressure filter, various chemical feed systems (polyphosphate, potassium permanganate and gas chlorine), a well/treatment building, site restoration, and all necessary appurtenances for a complete and operational treatment facility. This work is covered by IEPA Permit Number 0786-FY2009 dated April 9, 2009.</p>
26	L173375	Maple Park	1,308	2/1/2018	-6,100.24	0.00	<p>This project consists of the following improvements to the Village of Maple Park Water Supply System:</p> <ul style="list-style-type: none"> -Construction of 686 linear feet of 12-inch diameter water main -1,951 linear feet of 8-inch diameter water main -56 linear feet of 6-inch diameter water main -Connections and miscellaneous appurtenances -Restoration.
27	L172913	Mascoutah	7,975	7/10/2017	-6,620.00	0.00	<p>This work is covered by IEPA Construction Permit Number 1117-FY2012.</p> <p>The project consists of replacement and improvements to parts of the water distribution system including construction of the following: 1,732 feet of 8-inch and 8,965 feet of 6-inch PVC water main, 60 feet of 4-inch, 35 feet of 3-inch and 295 feet of 2-inch HDPE water main, 10, 8-inch valves, 42, 6-inch hydrants (w/valve), 368 feet of casing installation, 135 meter installations and pits, 137, 1-inch service mains, 1,203 cubic yards of CA-6 compacted backfill and miscellaneous appurtenances and valves, street repairs, site restoration and seeding.</p> <p>This work is covered by IEPA Permit Number 1983-FY2008.</p>
28	L174081	Mascoutah	7,975	7/10/2017	-3,936.00	0.00	<p>The project consists of the replacement and improvements to parts of the water distribution system including construction of the following: 6,329 feet of 8-inch and 315 feet of 4-inch diameter PVC water main, 280 feet of 10-inch HDPE water main, 129 service mains, 89 meter installations and pits, 1,373 cubic yards of CA-6 compacted backfill, street and sidewalk repairs, miscellaneous appurtenances, valves, fittings, hydrants, site restoration and seeding. This work is covered by IEPA Construction Permit Numbers 0065-FY2010 and 1-0065-FY2010.</p>
29	L172647	Mason City	2,180	5/23/2018	-18,958.00	0.00	<p>The City of Mason City plans to construct a 600 gpm water treatment plant for the removal of arsenic. They will also install three 300 gpm pressure filters with 16-inches of support gravel, 18-inches of greensand, 18-inches of ferrofill, a chlorination system with chemical feed pumps, a fluoridation system with a chemical feed pump, a potassium permanganate feed system with a chemical feed pump, a polyphosphate feed system, a ferric chloride feed system, 64 feet of 10-inch watermain, 110 feet of 8-inch water main, 48 feet of 6-inch watermain, 24 feet of 12-inch water main complete with controls and all the necessary appurtenances. The City will also drill and develop Well No. 6 and install a submersible pump rated at 600 gpm@240 feet TDH. This work is covered by IEPA Permit Numbers 2327-FY2006, 2084-FY2006, and 2008-AA-0033.</p>

30	L172762	Milledgeville	983	6/22/2018	-97.00	0.00	The project consists of improvements to the Village of Milledgeville Public Water Supply. The work includes the construction of a new 250,000 gallon elevated water storage tank, new well building, water main extension, piping, valves, chemical feed systems, controls, demolition, sitework, restoration and miscellaneous appurtenances. This work is covered by IEPA Construction Permit Numbers 0934-FY2007 and 2076-FY2007.
31	L175343	Nokomis	2,185	4/12/2018	-4,938.00	0.00	Installation of a new Air Stripper at the Water Treatment Plant to provide redundancy and complete repairs to the existing Air Stripper. Installation of approximately 60 linear feet of 8-inch diameter connecting pipe.
32	L173096	Normal	54,373	3/13/2018	-66,669.23	0.00	The project consists of the modification of piping to accommodate two (3,000 gallons per minute) high service pumps, prevent future bottlenecks and improve maintenance capabilities. Baffle walls made of bacterial resistant membranes will be installed in the 1,300,000 gallon clearwell to increase detention time. This work is covered by IEPA Permit Number 0045-FY2010.
33	L173440	Norridge	14,621	5/2/2018	-46,550.57	0.00	This project consists of the following improvements to the Village of Norridge Water Supply System: -Construction of 85 linear feet of 6-inch diameter water main. -Connections and miscellaneous appurtenances. -Restoration. This work is covered by IEPA Construction Permit Number 0636-FY2009 with all necessary time extensions.
34	L174590	Oak Lawn	56,781	3/2/2018	425,755.00	0.00	This project is the first of several upgrade and improvement projects to the Oak Lawn Regional Water System. Specifically, this project labeled "Modifications at Harker Complex" includes improvements to the Harker Storage and Pumping Complex. The work consists of the replacement of an existing pump with a new 12,000 gallons per minute pump, installation of new valves and discharge piping for five existing wet well pumps, wet well modifications, electrical upgrades including a new electrical room, stand-by power generator, new surge tank and surge protection system, chlorine gas scrubber, groundwater dewatering system, valves, meters, piping, controls, site and building improvements, fencing, paving and miscellaneous appurtenances.
35	L173585	Olney	9,005	4/10/2018	-49,017.92	0.00	Installation of approximately 15 feet of 4-inch diameter water main, 841 feet of 6-inch diameter water main, 30 feet of 8-inch diameter water main and 2,845 feet of 12-inch diameter water main along West Main Street between Highway 130 and Walnut Street.
36	L171533	Petersburg	2,190	2/28/2018	-159,878.00	0.00	This project consists of the construction of a new ion exchange water treatment plant, raw watermain and finished watermain. The watermain portion of the project consists of the installation of approximately 49,040 linear feet (l.f.) of 12-inch, 2,310 l.f. of 6-inch and 120 l.f. of 4-inch watermain. The current raw watermain will be converted for potable water use. The new water treatment plant will be constructed with 2 pressure filters, 2 ion exchange units and a brine make up system. The chemical feed system will provide potassium permanganate, soda ash, sodium fluoride and hypochlorite. Additionally, the treatment plant project includes lagoons for the settling of spent brine, piping, controls and all related appurtenances. This work is covered by IEPA Permit numbers 2743-EY2005 and 2707-EY2005.
37	L172985	Piper City	791	5/31/2018	-5,540.00	0.00	The project consists of improvements to the Piper City public water supply facilities. Specifically, the work includes Division A - Elevated Tank Rehabilitation which entails sandblasting, cleaning and coating the existing 75,000 gallon elevated water storage tank's interior and exterior surfaces. This work is covered by IEPA Construction Permit Number 1244-FY2008.
38	L173069	Piper City	791	5/31/2018	-17,647.00	0.00	The project consists of improvements to the distribution system of the Village of Piper City Public Water Supply. Specifically, the work includes the installation of approximately 1,920 linear feet of 6-inch diameter watermain, seven service connections, hydrants, valves, miscellaneous appurtenances and surface restoration. This work is covered by IEPA Construction Permit Number 1244-FY2008.

39	L174322	Riverside	8,835	5/14/2018	-155,567.00	0.00	<p>The project consists of improvements to the Village of Riverside Public Water Supply. Specifically, the work includes water main replacement in various locations of the Village. Approximate quantities are as follows:</p> <ul style="list-style-type: none"> -1,610 linear feet (L.F.) of 12-inch diameter water main -1,856 L.F. of 10-inch diameter water main -1,105 L.F. of 8-inch diameter water main -Fire hydrants, valves and miscellaneous appurtenances -Service connections -Restoration <p>This work is covered by IEPA Construction Permit Number 0377-FY2010.</p> <p>The project consists of the replacement of approximately 2,600 linear feet (l.f.) of 10-inch watermain and 10 l.f. of 4-inch water main. This work is covered by IEPA Number 1173-FY2009.</p>
40	L174323	Riverside	8,835	5/14/2018	-3,682.00	0.00	<p>This loan will fund the drilling and development of a new drinking water well for the City of Rochelle, known as Well No. 12. Additional items include: well building, well pump, approximately 5,500 linear feet of 16-inch diameter water main to connect Well No. 12 to the system and a new 750,000 gallon elevated water storage tank.</p>
41	L174882	Rochelle	9,309	7/14/2017	579,731.73	0.00	<p>The water replacement consists of two construction contracts:</p> <ul style="list-style-type: none"> -Highway 51 Water Main Relocation Project consists of the relocation of 2,323 linear feet (l.f.) of 8-inch, 30 l.f. of 6-inch watermain, 6 hydrants, 19 water meters and necessary valves, interconnections, fittings and appurtenances. -The CDAP watermain replacement consists of the construction of 1,017 l.f. of 8-inch, 9,469 l.f. of 6-inch, 420 l.f. of 4-inch watermain, 33 hydrant, 55 meters and necessary valves, fittings, interconnections and appurtenances. <p>This work is covered by IEPA Permit numbers 1344-FY2005 and 1506-FY2005.</p>
42	L172441	Sandoval	1,230	5/14/2018	-64,224.00	0.00	<p>-9,129 feet of 24-inch water main, 613 feet of 8-inch water main.</p> <p>-1,180 feet of 42-inch pipe casing, 3 fire hydrants.</p> <p>-All appurtenances, site restoration and testing for proper operation of water main.</p> <p>This work is covered by IEPA Construction Permit Number 1309-FY2009.</p>
43	L173951	South Holland	22,043	2/22/2018	-209,234.00	0.00	<p>This project will fund the construction of a 1,500,000 gallon elevated water storage tank with related appurtenances that include 65 linear feet of 16-inch drinking water mains in the general vicinity of Red Gate Road and Illinois Route 25. The work is covered by Illinois EPA Public Water Supply Construction Permit 0004-FY2015.</p>
44	L175203	St. Charles	33,460	2/1/2018	-222,682.00	0.00	<p>The project consists of the construction of a new 5.2 MGD water treatment plant complete with two bioreactors, two biofilters, two head tanks, two helical upflow clarifiers, one recarbonation unit, six filters, two ultraviolet units, two ground storage tanks, emergency generator, pumps, chemical feed, eight lime sludge lagoons, backwash lagoon, piping, controls and other appurtenances. The project also consists of modifying piping in Well house 2, 3, and 4, installing a new raw water pump at the Lake Pump Station, and other appurtenances.</p>
45	L174597	Taylorville	10,873	7/10/2017	0.00	750,000.00	<p>The project consists of rehabilitation of the elevated water storage tank, which includes the following: abrasive blast and recoat the tank exterior, including containment for the blast residual; abrasive blast and recoat parts of the dry tank interior; recoat the interior wet surface tank area; maintenance and repair of the cathodic protection system; power wash and recoat the tank foundation; repair missing grout areas at the tank base; install a safety railing on the tank roof; install a screened flap gate on the overflow pipe; replace the existing tube gap screen; install a mud valve in the wet interior of the tank; and temporary system controls and water storage while the tank is off-line.</p>
46	L175216	Wasco S.D.		5/14/2018	-62,212.22	0.00	<p>Install approximately 150 linear feet of 14-inch diameter, 8994 feet of 12-inch diameter, 2052 feet of 8-inch diameter, and 172 feet of 6-inch diameter water mains. Install two pressure reducing valves in vaults. Completion of project will progress connection of Wauconda to Central Lake County Joint Action Water Agency (CLCJAWA).</p>
47	L175316	Wauconda	13,814	2/22/2018	-194,797.79	0.00	<p>Rehabilitate the 3 MG Standpipe by painting, installing a new vent and cathodic protection system, and modify the SCADA system.</p>
48	L175351	Willowbrook	8,613	4/12/2018	-76,606.80	0.00	

Total Amount of Loan Amendments	\$	(2,758,431.99)
Total Amount of Loan Awards	\$	337,565,298.45
Net Amount of Loan Agreements and Loan Amendments	\$	334,806,866.46
Total Amount of Principal Forgiveness Provided	\$	5,082,956.65

Attachment B

PWSLP Financial Statements

Pages 9-11, 15-16 and 19-20 from Independent Accountants' Report

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

Assets

Cash & Cash Equivalents	
Cash - State Treasurer - DW - Fund 270	\$ 46,783,087.85
Cash & Equivalents - Trustee - DW	3,099,915.82
Cash & Equivalents - Trustee - DW - Restricted	165,553,399.34
Receivables	
Loans Receivable - DW	1,103,071,319.22
Interest Receivable - DW	2,803,142.56
Loan Support Receivable - DW	2,095,407.50
	1,323,406,272.29
Deferred Outflow of Resources - Deferred Amount on Bond Refunding	121,879.30
Total Assets	1,323,528,151.59

Liabilities, Deferred Inflow of Resources and Net Position

Bonds Payable	
Bonds Payable - Current - DW	24,157,232.00
Bonds Payable - Non Current - DW	401,718,693.92
Unamortized Bond Premiums (Discounts) - Current - DW	9,616,271.54
Unamortized Bond Premiums (Discounts) - Non Current - DW	60,392,346.70
Interest Payable on Bonds - DW	10,271,577.92
Accounts Payable & Accrued Liabilities	
Due to WW - DW	285,408.48
	506,441,530.56
Total Liabilities	506,441,530.56
Deferred Inflow of Resources - Deferred Amount on Bond Refunding	17,420.64
	17,420.64
Total Liabilities and Deferred Inflow of Resources	506,458,951.20
Net Position	
USEPA Capitalization Grants - DW	569,579,201.84
USEPA Capitalization Grants - ARRA - DW	39,579,569.00
Loan Program Equity from Loan Support	5,700,000.00
State Match - DW	138,886,441.16
Debt Service - DW	33,912,306.87
Unrestricted - DW	29,411,681.52
	817,069,200.39
Total Net Position	817,069,200.39
Total Liabilities and Net Position	\$ 1,323,528,151.59

See accountants' report.

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

	<u>Current Month</u>	<u>Year-to-Date</u>
Operating Revenues		
Total Interest Earned (LS02) - DW	\$ 929,988.54	\$ 10,790,631.90
Loan Support Billed (LS02) - DW	<u>745,210.80</u>	<u>7,974,199.18</u>
Total Operating Revenues	1,675,199.34	18,764,831.08
Operating Expenses		
Administrative Expense - Payroll - DW	81,225.03	1,010,362.71
Administrative Expense - Miscellaneous - DW	7,181.47	299,064.00
Loan Support Expense - Payroll - DW	157,164.35	2,361,369.95
Loan Support Expense - Miscellaneous - DW	20,365.07	259,511.11
Principal Forgiveness	<u>1,718,581.40</u>	<u>16,086,948.88</u>
Total Operating Expenses	<u>1,984,517.32</u>	<u>20,017,256.65</u>
Total Operating Income (Loss)	(309,317.98)	(1,252,425.57)
Non-Operating Revenues		
Interest on Cash - State Treasury - DW	88,496.32	729,578.16
Interest on Trustee Funds - DW	548,448.01	2,300,470.82
In-Kind Grant Income	6,357.29	217,045.02
Gain(Loss) on Investment Sales - DW	39,539.35	210,775.78
Drawdowns - Loans - DW	-	10,075,727.72
Drawdowns - Administrative - DW	<u>181,979.00</u>	<u>1,165,561.00</u>
Total Non-Operating Revenues	864,819.97	14,699,158.50
Non Operating Expenses		
Bond Interest Expense - DW	(2,686,907.47)	14,242,642.14
Underwriters Discount	-	820,124.92
Trustee Expense - DW	-	107,348.04
IFA Management Fee - DW	-	2,500.00
Investment Fee	-	67,966.65
Bond Issuance Costs - DW	<u>-</u>	<u>357,979.35</u>
Total Non-Operating Expenses	<u>(2,686,907.47)</u>	<u>15,598,561.10</u>
Total Non-Operating Income (Loss)	<u>3,551,727.44</u>	<u>(899,402.60)</u>
Net Income (Loss)	3,242,409.46	(2,151,828.17)
Net Position, Beginning of Period	<u>813,826,790.93</u>	<u>819,221,028.56</u>
Net Position, End of Period	<u>\$ 817,069,200.39</u>	<u>\$ 817,069,200.39</u>

See accountants' report.

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

CASH FLOWS FROM OPERATING ACTIVITIES	
Cash receipts from interest on program loans	\$ 7,434,071.91
Cash receipts from loan support on program loans	7,434,066.90
Cash payments for miscellaneous services	(341,530.09)
Cash payments to employees for services	(3,371,732.66)
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	<u>11,154,876.06</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES	
Administrative grants (LOC Drawdowns for Admin)	1,165,561.00
Grants Received (LOC Drawdowns)	10,075,727.72
Bond Principal Payments	(16,248,729.00)
Interest Paid on Bonds	(13,722,571.97)
Proceeds from borrowing, net of underwriter's discount	250,361,769.23
Other Bond Issuance Costs	(357,979.35)
NET CASH PROVIDED (USED) BY NON-CAPITAL FINANCING ACTIVITIES	<u>231,273,777.63</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Purchase of Investments	(1,070,546,032.09)
Program Loans - Disbursements	(251,607,670.73)
Program Loans - Principal Repaid	56,623,871.06
Proceeds from sale and maturities of investments	1,070,756,807.87
Cash receipts from interest on funds with the State Treasurer	729,578.16
Interest on Investments (Trustee)	2,300,470.82
Trustee Expense	(107,348.04)
IFA Management Fee	(2,500.00)
Investment Fee	(67,966.65)
NET CASH PROVIDED (USED) BY INVESTING ACTIVITIES	<u>(191,920,789.60)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	50,507,864.09
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	<u>164,928,538.92</u>
CASH AND CASH EQUIVALENTS AT END OF PERIOD	<u><u>215,436,403.01</u></u>
RECONCILIATION OF NET INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES	
Income(loss) from operations	(1,252,425.57)
Adjustments to reconcile income from operations to net cash provided by operating activities:	
Principal forgiveness	16,086,948.88
Contractual services paid through grant	217,045.02
(Increase) decrease in assets:	
(Increase) Decrease in accounts receivable:	(3,896,692.27)
Increase (decrease) in liabilities:	
NET CASH PROVIDED BY OPERATING ACTIVITIES	<u><u>\$ 11,154,876.06</u></u>

See accountants' report.

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

Total Federal LOC	\$ 694,084,400.00
Less:	
Drawdowns - Loans	639,339,416.72
Drawdowns - Administrative	26,163,100.69
Drawdowns - SWA & Wellhead Protection	3,965,634.00
Total Remaining LOC	<u>24,616,248.59</u>
Total Federal LOC - ARRA Loans	79,538,000.00
Less:	
Drawdowns - Loans - ARRA Loans	79,538,000.00
Total Remaining LOC - ARRA Loans	<u>-</u>
Total State LOC	\$ 138,816,880.00
Less:	
Deposits	111,432,341.16
Transfers from Loan Support to State Match	27,454,100.00
Total Remaining State LOC	<u>(69,561.16)</u>
2013 Bond Sale	50,606,679.50
Plus:	
Premium	6,033,020.58
Total Proceeds	<u>56,639,700.08</u>
2016 Bond Sale	202,500,000.00
Plus:	
Premium	37,264,853.30
Total Proceeds	<u>239,764,853.30</u>
2017 Bond Sale	211,975,000.00
Plus:	
Premium	39,206,894.15
Total Proceeds	<u>251,181,894.15</u>

See accountants' report.

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

	Fiscal Year	Total to Date
LOAN AWARDS:		
Total Loans Offered	\$ 682,094,780.72	\$ 2,000,354,215.91
Less: Disbursements (Loans)	251,607,670.73	1,641,076,693.26
Balance of Loans Outstanding	<u>410,487,118.99</u>	<u>359,277,522.05</u>
DWLP STATUS:		
State Match Deposits	21,218,341.22	111,432,341.22
Transfers of Loan Support to State Match	-	9,595,500.00
Transfers of WW Loan Support to State Match	-	17,858,600.00
Transfers of WW State Match to DW	-	-
Bond Sale	250,361,769.23	650,996,702.64
Funds transferred from WW to DW for the equity reserve - 2002	-	-
Letter of Credit Drawdowns - To Replace Fund Equity (Reserve)-2002	-	24,899,271.00
Letter of Credit Drawdowns - To Replace Fund Equity (Reserve)-2004	-	24,853,659.73
Letter of Credit Drawdowns - Loans	10,075,727.72	587,000,918.99
Letter of Credit Drawdowns - Private Loans	-	2,570,568.00
Letter of Credit Drawdowns - Adm. Costs	1,165,561.00	25,204,525.00
Letter of Credit Drawdowns - 15% Set-A-Side	-	3,882,686.00
Letter of Credit Drawdowns - 2% Set-A-Side	-	82,948.00
Drawdowns - Stimulus Loans	-	79,538,000.00
Interest on Cash - State Treasurer (2)	729,578.15	16,457,392.04
Interest on Unpledged Repayments - Trustee	-	94,878.54
Interest on Trustee Funds at Debt Service Pay Dates - 2002 Bond Sale	-	9,012,512.80
Interest on Trustee Funds at Debt Service Pay Dates - 2004 Bond Sale	-	8,941,779.06
Interest on Trustee Funds at Debt Service Pay Dates - 2013 Bond Sale	2,300,470.82	3,289,350.45
Interest on Arbitrage Investments	-	106.33
Incorrect Transfer to State General Revenue Fund	-	-
In-Kind Grant Income	217,045.02	958,575.69
ALG Termination Fee	-	1,093,033.20
Miscellaneous Receipts	-	4,397.56
Repayments (Principal)	56,623,871.06	443,587,775.62
Repayments (Interest)	7,434,071.91	77,007,779.32
Repayments (Loan Support)	7,434,066.90	63,721,905.52
Sales of Investments	1,070,756,807.87	2,125,280,911.59
Due to WW	-	285,408.48
Duplicate Loan Repayments Due to Local Governments	-	28,800.64
Transfer of WW Loan Program funds to DW Loan Program	-	17,750,000.00
Gain on Sales of Investments (Return of Income) - 2004	-	673,953.33
Gain on Sales of Investments (Return of Income) - 2002	-	351,301.12
Reserve - Depledge for Series 2004 Bonds	-	25,000,000.00
Reserve - Depledge for Series 2002 Bonds	-	25,000,000.00
TOTAL CASH RECEIPTS	<u>1,428,317,310.91</u>	<u>4,356,468,780.87</u>
Less: Disbursements to Borrowers	251,607,670.73	1,641,076,693.26
Disbursements for Reserve - Borrowed from WW	-	20,000,000.00
Disbursements - Reserve-2002	-	5,000,000.00
Disbursements - Reserve-2004	-	25,000,000.00
Disbursements - Adm. Expense	1,308,426.71	25,469,766.45
Disbursements - Source Water Prot. Areas	-	2,914,931.77
Disbursements - Wellhead Protection	-	947,873.28
Disbursements - Loan Support	2,620,881.06	37,855,378.92
Disbursements - Compliance Grants	-	1,898,116.71
System Set-A-Side	-	23,494.68
Tech Assistance for Small Systems	-	75,297.10
Transfers of Loan Support to State Match	-	9,595,500.00
Transfer of State Match from Trustee Accounts	21,218,341.22	41,527,141.22
Trustee Annual Fee - 2013 Bond Sale	107,348.04	128,848.04
Trustee Annual Fee - 2002 Bond Sale	-	65,082.50
Trustee Annual Fee - 2004 Bond Sale	-	31,875.00
IFA Management Fee	2,500.00	327,500.00
Investment Fee	67,956.65	118,572.85
Arbitrage Expense - 2002/2004 Bond Sale	-	1,674,002.12
Arbitrage Calculation Cost	-	5,800.00
Mandatory Transfer Out	-	520.80
Debt Service Payments on Bonds - 2002	-	55,038,189.92
Debt Service Payments on Bonds - 2004	-	45,505,833.40
Debt Service Payments on Bonds - 2013	29,971,300.97	61,733,355.87
Payments to Trustee for Future Bond Debt Service Maturities - 2002	-	14,217,573.46
Payments to Trustee for Future Bond Debt Service Maturities - 2004	-	23,485,001.88
Purchases of Investments	1,070,546,032.09	2,125,287,162.61
Bond Issuance Costs	357,979.35	1,032,686.52
TOTAL CASH DISBURSEMENTS	<u>1,377,809,448.82</u>	<u>4,141,032,378.06</u>
CASH BALANCE	<u>\$ 50,507,864.09</u>	<u>\$ 215,438,402.81</u>

See accountants' report.

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

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

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	\$ 7,974,199.18	\$ 65,817,313.01	\$ 22,253,973.64	\$ 291,543,519.67	\$ 30,238,172.82	\$ 357,360,832.68
Total Operating Revenues	7,974,199.18	65,817,313.01	22,253,973.64	291,543,519.67	30,238,172.82	357,360,832.68
Operating Expenses						
Loan Support Expense - Payroll & Miscellaneous	2,620,681.06	37,855,378.92	8,843,001.38	171,574,316.81	11,460,882.44	209,429,695.73
Compliance Grants	-	1,898,116.71	3,523,511.46	18,384,623.33	3,623,511.46	20,282,740.04
Transferred Loan Support to State Match	-	9,595,590.00	-	33,859,623.09	-	43,465,123.00
Transferred WW Loan Support to DW State Match	-	-	-	17,858,600.00	-	17,858,600.00
Transfer from Loan Support to Loan Program Funds	-	5,700,000.00	-	15,000,000.00	-	20,700,000.00
Principal Forgiveness	-	-	-	11,902,575.00	-	11,902,575.00
Prior Year Adjustment Due to Timing	-	886.68	-	-	-	886.68
Total Operating Expenses	2,620,681.06	55,049,882.31	12,366,512.84	258,589,739.14	14,987,333.90	323,638,620.45
Total Operating Income (Loss)	5,353,518.12	10,767,430.70	9,897,460.80	22,953,781.53	15,250,778.92	33,721,212.23
Net Position, Beginning of Period	5,414,112.58	-	13,056,320.73	-	18,470,433.31	-
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

