Water Pollution Control Loan Program
(WPCLP)

2024 Intended Use Plan (Final)

July 20, 2023

Illinois EPA

Bureau of Water

Infrastructure Financial Assistance Section

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I. Introduction

The Illinois Environmental Protection Agency (Illinois EPA or Agency) was created on July 1, 1970 by combining the State Sanitation Board and parts of the Illinois Department of Public Health. Illinois EPA's central office is in Springfield, and seven regional offices and one laboratory manage the Agency's various programs.

The Director of Illinois EPA is appointed by the Governor and serves as a Cabinet Member. Illinois EPA establishes and enforces standards for air, water, waste management, and cleanup of sites contaminated with hazardous substances. The 2024 Water Pollution Control Loan Program (WPCLP) Intended Use Plan (2024 IUP) describes how the Illinois EPA proposes to prioritize projects, distribute funds, and administer the WPCLP during State Fiscal Year (FY) 2024, July 1, 2023, through June 30, 2024.

A. Public Participation

The Draft 2024 IUP was released for public review on June 2, 2023, thus beginning the 21-day public comment period. The last day to submit public comments was June 23, 2023. The Draft 2024 IUP notice was also placed on Illinois EPA's general notice website https://www2.illinois.gov/epa/public-notices/Pages/general-notices.aspx and each of the identified stakeholders of the Water Pollution Control Loan Program (WPCLP) program were also notified by e-mail. The Agency expanded its outreach for comment on the draft 2024 IUP by also e-mailing additional special interest groups, consulting engineers, professional agencies/associations, and other funding agencies that either expressed an interest in, or are familiar with, the SRF loan programs. The notice directed potential commenters to Barb Lieberoff, Office of Community Relations as the Agency contact for receiving comments and questions pertaining to the Draft 2024 IUP.

B. Benefits of the WPCLP

The WPCLP is designed to operate in perpetuity to provide low interest rate loans and other forms of assistance for water resource protection and improvement projects. Using the WPCLP to fund water resource protection and improvement projects has many advantages, including:

1) Below-market rates provide significant cost savings.
2) Although the WPCLP must follow certain federal and State requirements, overall, it is a state program. As the program is administered by State personnel, application and funding requirements have been streamlined to ensure clarity and efficiency for the applicant.
3) The WPCLP, through its various project review and approval procedures, is more than just a funding program. It helps provide applicants greater assurance that their projects will be economically sound, technically appropriate, and environmentally effective.
4) The WPCLP must provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants. Illinois EPA has historically offered a reduction to

the amount of principal that an applicant would otherwise need to repay for its project called "principal forgiveness," per federal statute. 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. By providing principal forgiveness instead of a grant the loan recipients avoid duplicative application requirements/processes, preparation and execution of separate funding agreements and additional federal monitoring and reporting requirements both during and after completion of the project.

5) The WPCLP can benefit small and economically disadvantaged communities throughout Illinois by not only providing a thorough review of the technical and financial viability of their projects, but also offering principal forgiveness and reduced interest rates where applicable.

II. Goals for the WPCLP

A. Short-Term Goals

1) As a result of the federal Infrastructure Investment and Jobs Act, commonly referred to as the Bipartisan Infrastructure Law (BIL), Illinois EPA will be applying for the second of five federal "BIL supplemental CWSRF" capitalization grants. The second BIL supplemental CWSRF grant of $94,270,000 will be applied for in conjunction with the "base CWSRF" capitalization grant of $33,926,000 and the funds will be included to increase the capacity of the Water Pollution Control Loan Program in FY2024. Illinois EPA will be required to provide a state match equal to 10% of the BIL supplemental CWSRF grant in addition to 20% of the base CWSRF grant. Forty-nine percent of the BIL supplemental CWSRF grant must be provided as additional subsidy, more commonly referred to as principal forgiveness. Details regarding the source of the state match and principal forgiveness parameters are discussed below within this document.

2) As a result of BIL, Illinois EPA anticipates receiving an additional $42,391,750 in BIL CWSRF emerging contaminant funding over a five-year period to assist eligible applicants with addressing emerging contaminants. More information on the BIL CWSRF emerging contaminant capitalization grant is within the Bipartisan Infrastructure Law (BIL) Funding section below and within Appendix B.

3) Provide funding to as many eligible projects as possible, to the extent that the requirements for obtaining funding are satisfied and funds are available.

4) Focus financial assistance for projects necessary to achieve or maintain compliance with federal and State laws and regulations.

5) Continue to provide support for projects, or project components, focused on "green infrastructure, water or energy efficiency improvements or other environmentally innovative activities".

6) Manage a program that provides applicants with a streamlined approach to financing wastewater

treatment works and other eligible projects.

7) Provide continuous improvement to both the short and long-term planning efforts to ensure the financial strength and stability of the loan programs are maintained.

8) The Illinois EPA continues to work with the Illinois Finance Authority and financial advisors to analyze the leveraging capacity of the SRF loan programs, the potential need for bond proceeds and the future average annual funding levels the WPCLP can provide while maintaining its perpetuity requirements. No issuance of revenue bonds during FY2024 will be necessary.

9) Analyze the methodology used for the establishment of loan program interest rates and initiate a rule modification to establish a new basis for determining interest rates to strengthen the long-term viability of the loan program and ensure a stable and perpetual financing source.

B. Long-Term Goals

1) Assist a broad range of water quality improvement actions that help fulfill the objective of the Clean Water Act.
2) Facilitate the development and implementation of technically appropriate and financially sustainable projects by small communities.
3) Target assistance to small and disadvantaged communities to reduce the financial impact of capital improvements projects on the users of smaller systems and systems serving less affluent populations.
4) Continue to proactively develop assistance opportunities to encourage implementation of priority water quality improvement projects and Agency priorities.
5) Manage the State Revolving Fund (SRF) to ensure appropriate levels of financing and adequate funds to administer the program are available.
6) Continue to assist in the development and implementation of innovative and non-traditional projects that benefit water quality resources.
7) Encourage the consolidation and/or regionalization of wastewater collection and treatment systems so these systems may take advantage of economies of scale and the most cost-effective solutions to wastewater collection and treatment.
8) To maintain the integrity of the Fund by providing a stable and perpetual financing source for publicly operated treatment works, collection systems and other eligible projects in the State, and to commit all available loan resources to those eligible loan applicants.

C. Bipartisan Infrastructure Law (BIL) Funding

1) The Bipartisan Infrastructure Law (BIL) (P.L. 117-58) was signed by President Biden on November 15, 2021. The law will result in five years of "supplemental" funding for the "base"

CWSRF loan program, as well as new funding for CWSRF Emerging Contaminants. Section 606(c) of the Clean Water Act requires states to prepare an Intended Use Plan (IUP) which contains a Project Priority List to apply for any of these federal capitalization grants. Before Illinois EPA can apply for any of these new grants, Illinois EPA must have a fundable list of projects for which the total cost of assistance requested is at least equal to the amount of the grant being applied for. Within this FY2024 Intended Use Plan, Illinois EPA is providing information on, and requesting applications for, these new allocations of funding with the expectation that sufficient applications will be received to allow the Agency to apply for these new capitalization grants during FY2024. Illinois EPA is applying for their federal 2023 supplemental BIL CWSRF capitalization grant in conjunction with the federal 2023 base CWSRF capitalization grant and the funds will be included to increase the capacity of the FY2024 Water Pollution Control Loan Program beginning July 1, 2023.

2) CWSRF Emerging Contaminants Funding. Funds provided shall be to projects which are otherwise, eligible under section 603(c) of the Clean Water Act and the primary purpose is to address emerging contaminants. The breadth of projects that are eligible for this funding is described in Appendix B of this document; Attachment 1 – Appendix B: CWSRF Definition of Emerging Contaminants (from USEPA Implementation Memorandum). Illinois EPA anticipates receiving $4,229,000 in year one, and then $9,617,000 for year two. Illinois EPA anticipates receiving $9,515,250 annually in years three to five. There is no state match requirement to obtain the federal capitalization grant. States must provide 100% of the capitalization grant to eligible recipients as loans with 100% principal forgiveness. The application process for this funding will be very similar to the existing Water Pollution Control Loan Program and applications are encouraged to be submitted immediately. Prioritization of applications and other parameters related to this new funding are under development and will be announced and disseminated within the Intended Use Plan that must be submitted to USEPA prior to applying for the federal capitalization grant. The Agency is applying for the first BIL CWSRF emerging contaminant capitalization grant and will make the funding available in FY2024. Given there are no applicants for the WPCLP Emerging Contaminants to date, the agency will be transferring the WPCLP EC funding into PWSLP to bring the total EC funding levels to approximately $32,734,000 on the PWSLP side.

III. Sources and Uses of the WPCLP for FY 2024

A. Sources and Amounts of FY 2024 Funds

2. Illinois EPA will make up to $459,793,006 available for WPCLP funding in FY2024, as detailed in the table below. The SRF program will continue to meet the demand for assistance during FY2024 and beyond given the BIL funding will continue to provide additional financial flexibility to the program. Therefore, the Agency does not anticipate issuing revenue bonds in FY2024. In FY2024 the WPCLP will impose a funding cap[1], whereby no more than 25% of the

[1] In accordance with the Loan Rules; *Section 365.260 - The Agency may establish the annual limitations on the amount of loan assistance given to each loan recipient by considering the status of the*

available funds ($114,948,251) will be reserved for any one loan applicant. Should excess funds remain available at the end of FY2024, an applicant may be provided additional funds even if it results in the funding cap being exceeded, provided no other applicants have met the requirements to obtain funding. This step is being taken to maintain the fiscal health of the Fund, while also ensuring distribution of the available funds across the state of Illinois to as many communities as possible.

The capacity of the WPCLP will be established in the future based upon the financial analysis and cash flow modeling created by Illinois EPA in order for the WPCLP to remain operational in perpetuity as required by USEPA. Annual funding levels will be reviewed and established each year while developing the IUP to continue to maintain the WPCLP in perpetuity.

Availability of Funds	Amount
2023 Federal Base CWSRF Capitalization Grant Funds	$33,926,000
2023 Federal Base CWSRF Cap Grant State Matching Funds*	$6,785,200
2023 Federal BIL CWSRF Supplemental Capitalization Grant Funds	$94,270,000
2023 Federal BIL CWSRF Supplemental Cap Grant State Matching Funds	$9,427,000
2022 Federal BIL CWSRF Emerging Contaminants Grant Funds **	$0
Balance available to WPCLP after meeting all debt service obligations.	$31,371,801
Additional Bond Proceeds***	$0
Loan Repayments, Reimbursements, Accrued Interest	$284,013,005
Total Available Funds	**$459,793,006**

* State Matching Funds were provided and deposited into the Fund in State FY21 from the anti-pollution bond fund.

** 2022 CWSRF Emerging Contaminants funding is being transferred to the DWSRF Emerging Contaminants program.

*** Funds will be acquired as necessary to meet demand.

Historical and projected WPCLP annual funding levels:

2021 $475.0M
2022 $393.0M
2023 $519.0M
2024 $459.8M

Fund, capitalization grant amounts, economic conditions and requirements established by USEPA. The annual limitations on the amount of loan assistance established by the Agency must be included as part of the Agency's Intended Use Plan.

2025 $425.0M
2026 $425.0M

2) Cash Draw Ratios, Obligation of Federal/State Funds (Binding Commitments) and State Match

Cash Draw Ratios - The WPCLP will maintain the required ratios of cash draws and obligations between federal funds and State funds to reduce accumulated unliquidated obligations. The priority of disbursements is State Match, Capitalization Grant funds, leveraged bond funds followed by repayments.

Binding Commitments: In managing the WPCLP funds, the State must enter into loan agreements that provide financial assistance in an amount equal to 120% of the amount of each Capitalization Grant payment received, within one year after receiving its grant payment. Illinois EPA will provide loan commitments within one year that exceed 120% of the Capitalization Grant.

State Match - The Illinois EPA received appropriation authority from the anti-pollution bond fund in fiscal year 2020, which provided funds necessary to match the 2021, 2022 and 2023 Capitalization Grants. These State match proceeds have been fully expended to meet the match requirement for federal funds from the 2023 grant award. The Agency will then draw the 2023 Capitalization Grant Federal funds at a 100% ratio until all grant funds are exhausted.

3) Leveraging

The Illinois EPA continues to work with the Illinois Finance Authority and financial advisors to analyze the leveraging capacity of the SRF loan programs, the potential need for bond proceeds and the future average annual funding levels the WPCLP can provide while maintaining its perpetuity requirements. No issuance of revenue bonds during FY2024 will be necessary.

4) Transfer of Funds

Illinois EPA took advantage of the Water Infrastructure Fund Transfer Act which temporarily expands the Clean Water to Drinking SRF transfer authority specifically to address lead-related threats to public health. This transfer resulted in $107,892,848 being transferred to the Public Water Supply Loan Program (PWSLP) to provide funding in the form of principal forgiveness for complete lead service line replacement activity.

Illinois EPA is reserving the right to transfer an amount up to 33% of the cumulative Drinking Water State Revolving Fund (DWSRF) Capitalization Grants from the WPCLP to the PWSLP, or an equivalent amount from the PWSLP to the WPCLP.

Illinois EPA is also taking advantage of this transfer authority in transferring BIL Wastewater Emerging Contaminants funding into PWSLP as noted in Section II.C. The statutory ceiling of funds available to transfer is 33% of the DWSRF Emerging Contaminant allotment. The first Drinking Water Contaminants allotment is $28,505,000 and 33% of the allotment equals $9,406,650; thus allowing 100% of the BIL Wastewater Emerging Contaminant allotment (equal to $4,229,000) to be transferred to the DWSRF Emerging Contaminant Program.

5) Proportionality

Illinois EPA will spend 100% of all state match funds prior to drawing federal funds and can then draw federal funds at a rate of 100% until the matched grant is exhausted.

6) Financial Planning

The financial planning process is aimed at maximizing 100% of program resources available as efficiently and responsibly as possible while minimizing long-term financial risk in the program. Illinois EPA has engaged financial advisors to independently determine the optimum amount of loan disbursements that is sustainable over the next 20 years while maintaining the USEPA's perpetuity requirements. Illinois EPA is enhancing its current forecasting models to determine the timing of cash inflows and the effect on available resources to meet current and future obligations. Illinois EPA monitors on an ongoing basis cash balances available for disbursement to loan borrowers and needs of the program. Leveraged bond sales will occur as the cash needs of the program dictate.

7) Grant Payment Schedule

In each wastewater Capitalization Grant Application (Form 424), and in the cover letter to U.S. EPA, Illinois EPA requests the Capitalization Grant be immediately placed in the "Automated Standard Application for Payment" system for drawing for projects.

B. Project Priority List

The Illinois EPA has developed a Project Priority List (PPL) (Appendix C) that identifies applicants eligible for assistance and is comprised of all projects which submitted a Funding Nomination Form prior to March 31, 2023. There are $2,589,739,713 worth of projects on the FY2024 WPCLP PPL List, far exceeding the amount of funding available.

Projects on the PPL are in various stages of the funding application process but only those projects identified on the **Intended Funding List** have funds reserved for them during the first six months of FY2024. ***Projects which are not on the Intended Funding List should not proceed towards bidding their project until sufficient progress has been made towards obtaining funding and the Illinois EPA has notified the applicant in a Letter of Commitment that funds are available for the project.***

Projects which have achieved Project Plan approval by March 31, 2023, and are scheduled to initiate construction prior to March 31, 2024, have been ranked and scored in accordance with section 365.345 of the Loan Rules and are eligible for the Intended Funding List per 35 III. Adm. Code 365.340. Applicants with a higher priority score will be ranked higher than applicants with a lower priority score. The total costs of projects on the Intended Funding List shall not exceed the total amount of funds available.

The Intended Funding List (IFL) is a subset of the PPL. In accordance with the Loan Rules, loan funds will be reserved for projects on the IFL through December 31, 2023. After January 1, 2024, projects on the IFL may be "bypassed" as detailed below. A project that is bypassed does not lose its eligibility for funding; however, funds for a bypassed project are no longer held in reserve and

may thereafter, during the bypass funding period (January 1, 2024, through June 30, 2024), be awarded to any other project on the PPL that meets the criteria for loan award per Section 365.350 of the Loan Rules. Projects will be funded in the order in which all requirements of Section 365.410 of the Loan Rules are completed.

Project Bypass Procedure

Per the Loan Rules, after January 1 of each year, the Agency may bypass projects on the Intended Funding List that have not submitted a loan application, obtained all necessary construction permits and demonstrate they will be unable to establish a bid opening date prior to March 31, 2024. The Agency will evaluate projects on the PPL, based upon readiness to proceed as demonstrated by meeting the criteria for loan award per Section 365.350 of the Loan Rules, and offer loan commitments to projects on the PPL to the extent funds are available in the order in which all requirements of Section 365.410 of the Loan Rules are completed. If a project on the Intended Funding List indicates to the Agency between July 1, 2023, and December 31, 2023, that they do not intend to move forward with construction prior to June 30, 2024, the Agency will issue a "bypass letter" to said project making those funds reserved available for other projects.

Another subset of the PPL are those projects which have achieved Project Plan approval but have an anticipated construction start date after March 31, 2024. In accordance with the Loan Rules, funding may not be reserved for these projects due to their anticipated construction start date. Funding may be provided to these projects during the bypass period, or earlier, should available funds exceed the funding requested by projects on the Intended Funding List.

All other projects which submitted a Funding Nomination Form prior to March 31, 2023, but for which Project Plan approval has not been achieved, have been added to the PPL in alphabetical order and thereby ranked equally. Projects for which a Project Plan has not yet been submitted have their project number (L17#) listed as "to be determined" (TBD).

Non-Point Source Projects

The following Non-Point Source Projects are on the Intended Funding List and is expected to obtain funding in FY2024:

Belleville- L175445- Construction of a new storm sewer, detention pond and a relief storm sewer. Sewer upgrades and manhole pipe rehabilitation with the existing combined system to reduce I&I- $10,400,000.

Watseka- L176002- Separation of the combined sanitary and storm sewer system. Improvements will include disconnection of all storm water inlets and catch basins from the existing combined sewer system in the project area, and the construction of a new storm sewer system on Walnut Street, starting at Fleming Court, to Kay Street, and north to a new outfall on the Iroquois River- $2,350,000.

Shelbyville- L176007- The City intends to construct a new sanitary collection system to separate the storm and sanitary flows in the current combined sewer system- $6,000,000.

The following Non-Point Source Project is not on the Intended Funding List but may obtain funding if sufficient funds become available during the bypass period in FY2024:

Bloomington – Phase 8 and Phase 9- Installing watermains, storm and sanitary sewer- $12,352,000.

Wood River- L175839- Separate sanitary and storm water flows from an existing combined sewer system- $10,000,000.

C. Program Administrative Costs and Fees

For State FY2024, the PWSLP will be composed of two accounts used to provide assistance to accomplish its goals:

Administrative Costs: The Water Infrastructure for the Nation (WIIN) Act (Public Law 114-322) allows state Clean Water Programs to establish their annual administrative expenditure levels based on the following criteria:

> An amount not to exceed 4.0% of the total of all grants awarded to capitalize the WPCLP, $400,000 per year, or 1/5% per year of the current valuation of the fund, whichever amount is greatest, is reserved and may be utilized as determined necessary for the reasonable costs of administering the fund and to conduct activities required under Title VI of the CWA.

The total of all grants awarded to capitalize the WPCLP, including the anticipated FY 2023 grant, is $2,357,244,341 (4% of this total is $94,289,774). In State FY2024, the program anticipates spending $5,943,675 on administrative expenses from Fund equity and will not draw any administrative costs from the Capitalization Grant. The program estimates total administrative expenditures since the beginning of the loan program will total $78,560,671 at the end of June 30, 2024.

Banked Administrative Set-Aside	Amount
4% of all Capitalization Grants	$94,289,774
Historical Administrative Outlays	($78,560,671)
Projected June 30, 2024, Administrative Banked Balance	**$15,729,103**

In addition, Illinois EPA will set-aside 4% of the BIL CWSRF supplemental 2023 capitalization grant, an amount totaling $3,770,800, to be used for loan program administration as provided for under the Bipartisan Infrastructure Law (P.L. 117-58).

Loan Support Program: The Illinois EPA has operated and maintained a Loan Support Program (LSP) outside the Federal SRF since 1996. The LSP is maintained as a single entity in Illinois statute, but the Illinois EPA accounts separately for funds attributable to WPCLP and PWSLP loans. The LSP is financed by the loan support portions of the fixed loan rate, with that portion currently established at 50% of the fixed loan rate in the WPCLP and the PWSLP. To date, the LSP has been used primarily to finance the reasonable costs incurred by the Illinois EPA for functions that support the management of the Water Revolving Fund, which is the financial mechanism used in administering Illinois' SRF programs.

Estimated WPCLP operational outlays for the Illinois EPA's Division of Water Pollution Control are projected to total $12,589,145 and be dedicated primarily to activities in support of the SRF programs, including compliance, permitting and field operations activities. These costs are separate and distinct from the administrative fees of the WPCLP. The program plans to use $1,500,000 of support fees to match the annual 319 (h) grant.

WPCLP Loan Support – Balance/Receipts/Outlays	WPCLP Loan Support
Balance July 1, 2023	$ 59,895,374
Estimated FY2024 Receipts	$ 27,093,060
Operational Outlays	$ (12,589,145)
Transfer to Loan Program to Provide State Match	$ (0)
Match for 319(h) Grants	$ (1,500,000)
Estimated WPCLP Loan Support Balance June 30, 2024	$ 72,899,289

The Illinois EPA will be working with its accounting firm to establish any necessary new accounts to track the BIL funds as necessary.

IV. Program Management

One of the purposes of the IUP is to facilitate the planning and administration of the WPCLP. The following highlights some program aspects most notable to applicants as well as the Agency.

A. Principal Forgiveness, Interest Rate and Loan Term Determinations

Loan Program staff routinely discuss principal forgiveness, interest rates and loan terms with loan applicants. Staff complete an internal checklist using the loan applicant's information to determine if an applicant qualifies for principal forgiveness, which interest rate an applicant qualifies for and the maximum term for the loan agreement. The principal forgiveness, interest rate and loan term are finalized at the time of loan agreement execution, following bidding of the contract and prior to the commencement of construction activity.

1) Principal Forgiveness

The WPCLP can offer a reduction to the amount of principal that an applicant would otherwise need to repay for its project. This reduction is called "principal forgiveness," per the Clean Water Act (CWA). 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 603(i) of the Clean Water Act requires states to provide a minimum of 10% (3,392,600) and a maximum of 30% ($10,177,800) of its annual available Capitalization Grant funds ($33,926,000) to provide subsidization, in the form of principal forgiveness, for loan recipients

which meet the affordability criteria established by the State. In addition to the "base CWSRF" capitalization grant the Agency will be receiving a "supplemental CWSRF" capitalization grant in the amount of $94,270,000 and 49% of this grant, or $46,192,300, must be provided as subsidization, in the form of principal forgiveness. The WPCLP will provide at least the minimum required of $49,584,900 in principal forgiveness in FY 2024 for loan recipients which meet the affordability criteria established by the State. This "affordability criteria" principal forgiveness provided via assistance awards will follow the terms outlined in Appendix C, but in accordance with Section 365.250(c) of the Loan Rules, a cap of $5,000,000 on the amount of principal forgiveness per loan recipient in FY24.

As projects on the Intended Funding List that qualified for principal forgiveness are bypassed, those funds will be made available, with priority given to the project with the higher loan priority score, to the next applicant which qualifies for a Letter of Commitment in accordance with Section 365.355 of the Loan Rules, excluding Section 365.355(a)(2).

In addition to the subsidization required to be provided by the Clean Water Act, the federal Capitalization Grant as a result of the annual appropriations act requires that 10% ($3,392,600) of the available funds may be used to provide additional subsidization for eligible loan recipients in the form of principal forgiveness ("appropriation" principal forgiveness). Use of these funds and eligibility is determined by each state. The Illinois EPA will divide a portion of the "appropriation" principal forgiveness into two segments, making $1,696,300 available for Wastewater Treatment Facility Consolidation principal forgiveness, and $1,696,300 available for Wastewater Treatment Facility Compliance Solution principal forgiveness as described below. Any of the unused "appropriation" principal forgiveness will be provided as affordability criteria principal forgiveness.

Wastewater Treatment Facility Consolidation Principal Forgiveness – Illinois EPA will make $1,696,300 in principal forgiveness available for loan applicants who own and operate a wastewater treatment facility whose project would result in the consolidation of two or more wastewater treatment facilities. The funded project must result in the elimination of one or more NPDES Permit(s) for a wastewater treatment facility meeting the following requirements:

1) The wastewater treatment facility being eliminated has an NPDES Permit Design Average flow of less than one-million gallons per day.
2) The wastewater treatment facility is in a community with an MHI less than the Illinois state-wide MHI of $72,205 according to the American Community Survey 5-year estimate.

Illinois EPA will make $1,696,300 in principal forgiveness available for these projects in FY2024. Applicants will be scored and ranked for priority in accordance with 35 Ill. Adm. Code 365.345. No applicant can receive more than $848,150 in Wastewater Treatment Facility Compliance assistance principal forgiveness in FY2024.

If wastewater treatment facility consolidation principal forgiveness funding is not expended, it may be used to provide affordability criteria principal forgiveness. Loan recipients may receive both affordability principal forgiveness and wastewater treatment facility consolidation compliance assistance principal forgiveness. When applicable, Illinois EPA will first apply the affordability criteria principal forgiveness to a project, up to the maximum

amount allowed, and then apply the wastewater treatment facility consolidation principal forgiveness, up to the maximum amount.

Wastewater Treatment Facility Compliance Solution Principal Forgiveness – Illinois EPA will make $1,696,300 in principal forgiveness available for public loan applicants who own and operate a wastewater treatment facility whose project would result in the treatment facility coming into compliance with their NPDES Permit conditions. The funded project must occur at a wastewater treatment facility meeting the following requirements:

1) The Wastewater Treatment Facility has a history of long-term significant non-compliance (> 6 quarters of last 12 quarters) with its NPDES Permit effluent limits.
2) The Wastewater Treatment Facility has an NPDES Permit Design Average Flow of less than one-million gallons per day.
3) The Wastewater Treatment Facility is in a community with an MHI less than the Illinois state-wide MHI of $72,205 according to the Census Bureau website.

Illinois EPA will make $1,696,300 in principal forgiveness available for these projects in FY2024. Applicants will be scored and ranked for priority in accordance with 35 Ill. Adm. Code 365.345. No applicant can receive more than $848,150 in Wastewater Treatment Compliance Solution principal forgiveness in FY2024.

If Wastewater Treatment Facility Compliance Solution principal forgiveness funding is not expended, it may be used to provide affordability criteria principal forgiveness. Loan recipients may receive both affordability criteria principal forgiveness and wastewater treatment facility compliance solution principal forgiveness. When applicable, Illinois EPA will first apply the affordability criteria principal forgiveness to a project, up to the maximum amount allowed, and then apply the wastewater treatment facility compliance solution principal forgiveness, up to the maximum amount.

The unused dollars from the Consolidation and Compliance Solution Principal Forgiveness will be put back into the affordability criteria Principal Forgiveness in FY2024.

2) Interest Rate and Loan Term Determinations

The Loan Rules provide for a fixed loan rate that shall be established annually at one-half the market interest rate. Specifically, the fixed loan rate is defined by rule as one-half the mean interest rate of the 20 General Obligation Bond Buyer Index from July 1 to June 30, in the preceding State FY, rounded to the nearest .01%. Current Loan Rules establish a new interest rate each July 1 for the following State FY. Based on bond rates through June 30, 2022, the fixed loan rate for loans executed by Illinois EPA from July 1, 2023, through June 30, 2024 will be 1.81%.

The Loan Rules also allow for reduced interest rates, based upon certain criteria, as well as the possibility for a maximum term of up to 30 years from the initiation of operation, with initial repayments of principal to commence within one year of the initiation of operation. The fixed loan rate is a simple, annual rate. The details from the Loan Rules governing interest rates and repayment period are below:

Section 365.210 Fixed Loan Rate

The interest rate of the loan agreement shall be a fixed loan rate and shall be established as follows:

a) Base 20 Year Rate (1.81%) – Loan agreements with a repayment period not to exceed 20 years shall have a fixed loan rate equal to 50% of the market interest rate (mean interest rate of the 20 General Obligation Bond Buyer Index, from July 1 through June 30 of the preceding State fiscal year rounded to the nearest 0.01%).

b) Small Community Rate (1.36%) – Public loan applicants with a service population less than 25,000 that also meet any one of the following three criteria qualify for a fixed loan rate equal to 75% of the Base 20 Year Rate:

   1) The median household income of the public loan applicant's service population is less than the statewide average.

   2) The unemployment rate of the public loan applicant's service population is greater than the statewide average.

   3) The public loan applicant's annual user charge, based upon the average monthly bill of the public loan applicant's residential customers, is greater than 1.0% of the median household income of the public loan applicant's service population.

c) Hardship Rate – Public loan applicants with a service population less than 10,000 that also meet any one of the following three criteria qualify for a fixed loan rate of 1.0%:

   1) The median household income of the public loan applicant's service population is below 70% of the statewide average.

   2) The unemployment rate of the public loan applicant's service population is at least 3.0% greater than the statewide average.

   3) The public loan applicant's annual user charge, based upon the average monthly bill of the public loan applicant's residential customers, is greater than 1.5% of the median household income of the public loan applicant's service population.

d) Environmental Impact Discount – When at least 50% of the eligible project costs fund any of the following components, the loan applicant shall receive a 0.2% discount from the rates established in subsection (a), (b), or (c):

   1) new projects for the collection or treatment of unsewered communities;

   2) projects involving nutrient removal or nutrient loss reduction;

   3) green infrastructure projects;

   4) projects lowering water demand; or

5) projects reducing energy demands at a wastewater treatment facility.

Section 365.220 Loan Repayment Period

a) Except as provided in subsections (b) and (c), the loan repayment period cannot exceed the lesser of 20 years beyond the initiation of operation date, 20 years beyond the initiation of the loan repayment period, or the projected useful life of the project to be financed with proceeds of the loan.

b) For public loan applicants that qualify for the Small Community Rate or Hardship Rate as defined in Section 365.210, the loan repayment period cannot exceed the lesser of 30 years beyond the initiation of operation date, 30 years beyond the initiation of the loan repayment period, or the projected useful life of the project to be financed with proceeds of the loan.

c) The Agency may require a loan repayment period term of less than the maximum. In evaluating the appropriateness of alternative loan terms, the Agency shall consider such factors as the scope of the proposed project, the impacts of alternative loan terms on user fees, and the overall cost of the project.

V. Federal Assurances

Illinois EPA provides the following assurances and certifications to the U.S. EPA as a part of the IUP. Illinois EPA agrees to the following as required by the Clean Water Act (CWA), the WPCLP Operating Agreement with the U.S. EPA, and as conditions of the grants to capitalize the WPCLP.

A. 602(a) - Environmental Reviews

The Illinois EPA will conduct environmental reviews for all projects as specified in its Operating Agreement with the U.S. EPA and specified in Part 365 of the Loan Rules for Issuing Loans from the Water Pollution Control Loan Program. The procedures establish a methodology to assure that loan funded projects are environmentally acceptable.

B. 602(b) (4) - Expeditious and Timely Expenditures

Illinois EPA will expend all funds in the WPCLP in a timely and expeditious manner.

C. 602(b) (5) - First Use for Enforceable Requirements

The first use requirement has been met in Illinois.

D. 603(f) - Consistency with Planning Requirements

Projects constructed in whole or in part with funds directly made available by Federal Capitalization Grants will be required to comply with the following Sections of the CWA, as applicable: 205(j), 208, 303(e), and 319.

E. 603(d)(1)(E) – Fiscal Sustainability Plan (FSP) Requirements

All loan recipients will certify that a Fiscal Sustainability Plan has been developed and implemented in accordance with the Water Resources Reform and Development Act of 2014.

F. 603(b)(14) – Architectural and Engineering Services Procurement Requirements

Beginning with loan applications received after October 1, 2014, A/E contracts which are funded by Federal Capitalization Grant funds shall be negotiated in the same manner as a contract for A/E services under Chapter 11 of Title 40 of the United States Code, or an equivalent State qualifications-based requirement (33 U.S.C. Section 1382(b)(14)). Many of Illinois' repeat applicants choose not to borrow money for engineering services. In addition, several municipalities that annually borrow money for ongoing infrastructure projects routinely utilize a quality-based selection process when hiring an architectural or engineering firm. Therefore, Illinois will meet this requirement through equivalency.

G. 602(b)(13) – Cost and Effectiveness Analysis

Beginning in Federal FY2016 (October 1, 2015), SRF recipients must certify that the project chosen is the most sustainable and cost-effective (Section 602(b)(13)). All Illinois WPCLP loan recipients must certify that they have selected, to the maximum extent practicable, the project that maximizes the potential for efficient water use, reuse, recapture, and energy conservation.

H. Program Benefits Reporting

All funded projects will be reported to the U.S. EPA's Office of Water State Revolving Funds reporting database on an ongoing basis, as required by U.S. EPA. In addition, Illinois EPA will meet the reporting requirements set forth by the Federal Funding Accountability and Transparency Act (FFATA) and will report annually into the National Information Management System database.

I. Wage Rates and Standards

In order to meet a Federal Capitalization Grant condition, the Illinois EPA will require WPCLP projects to comply with the Federal wage and employment standards under the Federal Davis-Bacon Act.

J. Green Project Reserve

The Illinois EPA will maintain its commitment to green infrastructure in State FY2024. As in recent years, the Federal FY2024 Capitalization Grant includes a Green Project Reserve (GPR) requirement whereby Illinois EPA must utilize not less than 10% of Capitalization Grant funds to provide continued support for projects or project components focused on "green infrastructure, water or energy efficiency improvements or other environmentally innovative activities".

Likewise, the FY2024 BIL supplemental CWSRF Capitalization Grant includes a GPR a Green Project Reserve (GPR) requirement whereby Illinois EPA must utilize not less than 10% of the BIL supplemental Capitalization Grant funds to provide continued support for projects or project components focused on "green infrastructure, water or energy efficiency improvements or other environmentally innovative activities".

The WPCLP will maintain compliance with this requirement. The projects which contain GPR components, and the amount of funding provided, will be reported to the U.S. EPA's Office of

Water State Revolving Funds reporting database. Despite uncertainty regarding the Federal GPR requirement, the Illinois EPA is taking steps to institutionalize certain green infrastructure practices and policies in the Illinois SRF programs and encourage green infrastructure practices.

The Illinois EPA has identified the projects below which contain components qualifying for the Green Project Reserve that are likely to receive funding during FY2024. The Illinois EPA will identify the final list of projects and the amount of GPR components funded in the Annual Report.

Belleville – L175445 – Construction of a new storm sewer, detention pond and a relief storm sewer. Sewer upgrades and manhole pipe rehabilitation with the existing combined system to reduce I&I - $10,400,000

BNWR- L175521 – BNR conversion and upgrades to Southeast WWTP- $33,000,000.

Freeport – L174973 – Wastewater Treatment Plant Improvements to reduce phosphorus and address SSO violation issues; add disinfection– $55,000,000.

MWRDGC – L175165 – This project will support phosphorus removal by modifying the existing aeration tanks in Battery D at O'Brien WRP - $14,000,000.

MWRDGC- L176032 - Construct a facility to support enhanced biological phosphorus removal in order to meet upcoming IEPA total phosphorus permit limits on the effluent at the Kirie WRP- $6,500,000.

New Lenox – L171185 – New Water Resource Recovery Facility (WRRF) and conveyance modifications to convey flow from the existing Sewer Treatment Plant (STP) 2 to the new WRRF. Decommissioning of the existing STP 2 and construction of a new 18-inch diameter gravity sewer to convey flows from the existing STP 2 to the new 54-inch gravity sewer that conveys flows to the new WRRF- $60,500,000.

Northern Moraine WRD – L176165 – Extend sanitary sewer service to 227 homes throughout the Village of Holiday Hills and the LeVilla Vaupell subdivision- $8,500,000.

Peoria – L175912 - Installation of green infrastructure in the right of way- $11,935,000.

Watseka – L176002– Separation of the combined sanitary and storm sewer system. Improvements will include disconnection of all storm water inlets and catch basins from the existing combined sewer system in the project area, and the construction of a new storm sewer system on Walnut Street, starting at Fleming Court, to Kay Street, and north to a new outfall on the Iroquois River- $2,350,000.

K. Archeological and Historic Preservation Act of 1974, PL 93-291 *et seq.*

U.S. EPA has determined that the provisions of PL 93-291, also known as the National Historic Preservation Act, must be applied to activities of State revolving loan.

L. Guidelines for Enhancing Public Awareness of State Revolving Fund Assistance Agreements

U.S. EPA has produced a document titled "Guidelines for Enhancing Public Awareness of SRF Assistance Agreements" (dated June 3, 2015), which outlines the requirement for increased awareness of Federal funding through the DWSRF and CWSRF. These guidelines include options for project "signage". Illinois EPA has satisfied this requirement by modifying Standard Condition No. 23 within the Loan Agreement, which states:

> The loan recipient shall meet a signage requirement by posting a sign at the project site or making an equivalent public notification such as a newspaper or newsletter publication; utility bill insert; or online posting for the project duration. After the signage requirement is met, documentation must be submitted to the Illinois EPA using the Public Notification/Signage Requirement Certificate of Completion.
>
> **Investing in American Emblem (BIL Signage Requirement):** The recipient will ensure that a sign is placed at construction sites supported in whole or in part by this award displaying the official Investing in America emblem and must identify the project as a "project funded by President Biden's Bipartisan Infrastructure Law" or "project funded by President Biden's Inflation Reduction Act" as applicable. The sign must be placed at construction sites in an easily visible location that can be directly linked to the work taking place and must be maintained in good condition throughout the construction period.

All loan recipients must submit the certification form prior to the first disbursement of loan funds. All signage must include language that the project is wholly or partially funded with joint funding using both State and Federal funds. (https://www2.illinois.gov/epa/Documents/epa-forms/water/financial-assistance/srf/signage-form.pdf)

M. Equivalency (The Agency will identify equivalency projects once the IUPs are finalized)

States can identify a group of loans, the sum of which is equal to the amount of its capitalization grant, to meet crosscutter and single audit requirements. This concept is called "equivalency". In addition, with the enactment of the Water Resources Reform Development Act equivalency can be used to meet the "Procurement for Architectural and Engineering Contracts" (A/E) requirement. Illinois considered using equivalency to satisfy the single audit requirements. However, this methodology did not work for the program and the WPCLP continues to require all loan recipients to follow single audit requirements and continues to monitor all loan recipients as required. Illinois has chosen to only use equivalency to satisfy the A/E and FFATA requirement. All other WPCLP projects must satisfy all other crosscutter requirements.

N. American Iron and Steel (AIS) Requirements, and Build America, Buy America

All WPCLP projects must include the use of American Iron and Steel (AIS) Products requirements in accordance with the Water Resources Reform and Development Act of 2014. Standard Condition No. 18 of all loan agreements obligates the applicant to comply with the AIS requirements. Further guidance on AIS requirements is available on IEPA's website.

https://www2.illinois.gov/epa/topics/grants-loans/state-revolving-fund/guidance/Pages/american-iron-and-steel-requirements.aspx

On November 15, 2021, President Biden signed into the Infrastructure Investment and Jobs Act which includes the Build America, Buy America Act (BABA). The Act requires the following:

(1) All iron and steel used in the project are produced in the United States. (2) All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product. (3) All construction materials are manufactured in the United States.

This is a federal requirement that effects SRF programs nationwide. At this time, Illinois EPA is investigating the use of equivalency to meet this new requirement. BABA becomes effective when IEPA begins utilizing funds from the FY2022 capitalization grant.

O. Accounting/Auditing Requirements

Illinois agrees to use accounting, audit, and fiscal procedures conforming to generally accepted government accounting standards as these are promulgated by the Governmental Accounting Standards Board. Generally accepted government auditing standards are usually defined as, but not limited to, those contained in the U.S. General Accounting Office (GAO) publication "Government Auditing Standards" (1988 revision). Illinois also requires recipients of SRF assistance to maintain project accounts in accordance with generally accepted government accounting standards as these are promulgated by the Government Accounting Standards Board. These accounts must be maintained as separate accounts.

APPENDIX A: Definitions and Acronyms

As used in this document, the following words and terms mean:

Agency - Illinois Environmental Protection Agency. (415 ILCS 5/19.2(a))

Binding Commitment – A legal obligation between the Agency and a loan recipient to provide financial assistance from the Public Water Supply Loan Program to that loan recipient, specifying the terms and schedules under which assistance is provided. The loan agreement will be considered a binding commitment.

BMP(s) - Best Management Practice(s).

Bypass - An action by Illinois EPA to remove a project from funding consideration in a State FY.

Capitalization Grant - The actual Federal funds received by the Agency for deposit into the WPCLP as a result of the Capitalization Grant agreement with U.S. EPA.

Construction - Means any one or more of the following: preliminary planning to determine the feasibility of treatment works, engineering, architectural, legal, fiscal, or economic investigations or studies, surveys, designs, plans, working drawings, specifications, procedures, field testing of innovative or alternative wastewater treatment processes and techniques meeting guidelines promulgated under Section 304(d)(3) of the Clean Water Act, or other necessary actions, erection, building, acquisition, alteration, remodeling, improvement, or extension of treatment works, or the inspection or supervision of any of the foregoing items.

CWA - The Clean Water Act, as amended (33 USC 1251 *et seq*.).

CWSRF - Clean Water State Revolving Fund

Director - Director of the Illinois Protection Agency

Energy Efficiency - The use of improved technologies and practices to reduce the energy consumption of water quality projects, including projects to reduce energy consumption or produce clean energy used by a treatment works.

EPA - Environmental Protection Agency

Facilities - Equipment or operating systems that are constructed installed or established to serve the particular purpose of mitigating the impacts of sewerage, industrial waste or non-point sources of pollution in a watershed. Facilities may involve stand-alone projects or be involved as component pieces of treatment works. Facilities in the context of the Green Project Reserve will address green infrastructure, water and energy efficiency improvements and other environmentally innovative activities.

FFATA – Federal Funding Accountability and Transparency Act

Fund - The Water Revolving Fund, as authorized by 415 ILCS 5/19.3, consisting of the Water Pollution Control Loan Program, the Public Water Supply Loan Program, and the Loan Support Program.

FY - Fiscal Year

Green Infrastructure - Includes a wide array of practices at multiple scales that manages and treats stormwater, and that maintains and restores natural hydrology by infiltrating, evapotranspiring and capturing and using stormwater.

GPR - Green Project Reserve, which is the portion of funded projects from the Capitalization Grant, that are required to be documented by the Agency in its Intended Use Plan and Annual Report These projects address green infrastructure, water and energy efficiency improvements and other environmentally innovative activities as directed by Federal law.

Initiation of Operation - The date that the funded treatment works are in full and sustained operation as planned and designed.

IUP - Intended Use Plan - A plan that includes a description of the short- and long-term goals and objectives of the Water Pollution Control Loan Program, project categories, discharge requirements, terms of financial assistance and the loan applicants to be served. (415 ILCS 5/19.2(e))

Interest Rate - The interest rate of the loan agreement shall be a fixed loan rate.

IUP - Intended Use Plan

Loan Agreement - The contractual agreement document between the Agency and the loan recipient that contains the terms and conditions governing the loan issued from the WPCLP.

Market Interest Rate - The mean interest rate of the 20 General Obligation Bond Buyer Index, form July 1 through June 30 of the preceding State FY rounded to the nearest 0.01%.

Median Household Income or MHI - The median household income is the American Community Survey 5-year estimate from the United States Department of Commerce, Bureau of the Census.

Municipality - A municipality as defined in Section 502 of the Federal Clean Water Act. (33 USC 1362(4))

NPS - Nonpoint Source

Operating Agreement - The agreement between the Agency and U.S. EPA that establishes the policies, procedures and activities for the application and receipt of Federal Capitalization Grant funds for capitalization of the WPCLP.

Principal - The total amount of funds distributed to loan recipients for eligible project costs.

Principal Forgiveness - The portion of a loan’s principal for which there is no repayment obligation, consistent with the terms of the project’s loan agreement.

PPL - Project Priority List, which is an ordered listing of projects developed in accordance with the priority system described in 35 Ill. Adm. Code 365.345 (Loan Priority Score) that the Agency has determined are eligible to receive financial assistance from the WPCLP.

Public Loan Applicant - A loan applicant that is a municipality, intermunicipal agency, interstate agency, or local government unit that has applied for a loan under the WPCLP.

PWSLP - The Public Water Supply Loan Program as authorized by Section 19.2 of the Environmental Protection Act. (415 ILCS 5/19.2)

Readiness to Proceed - Timely progress toward achieving a binding commitment during the State FY and initiating project activities. This is measured by an applicant's success in meeting all applicable pre-award WPCLP program requirements.

Service Population - The number of people served by the public loan applicant.

SRF - State Revolving Fund

Title VI - Title VI of the Federal Clean Water Act. (33 USC 1251 *et seq*.)

Treatment Works – Treatment works, as defined in section 212 of the federal Water Pollution Control Act (33 USC 1292)*, including, but not limited to, the following:*

> *any devices and systems owned by a local government unit and used in the storage, treatment, recycling, and reclamation of sewerage or industrial wastes of a liquid nature, including intercepting sewers, outfall sewers, sewage collection systems, pumping power and other equipment, and appurtenances;*
>
> *extensions, improvements, remodeling, additions, and alterations thereof;*
>
> *elements essential to provide a reliable recycled supply, such as standby treatment units and clear well facilities;*
>
> *any works, including site acquisition of the land that will be an integral part of the treatment process for wastewater facilities; and*
>
> *any other method or system for preventing, abating, reducing, storing, treating, separating, or disposing of municipal waste, including storm water runoff, or industrial waste, including waste in combined storm water and sanitary sewer systems as those terms are defined in the Federal Water Pollution Control Act.* [415 ILCS 5/19.2(f)]

Unemployment Rate - The annual average unemployment rate calculated by the Illinois Department of Employment Security's Economic Information and Analysis Division.

Useful Life - The estimated period during which a treatment works is intended to be operable, as certified by the project's consulting licensed professional engineer.

U.S. EPA - United States Environmental Protection Agency.

User Charge - A charge levied on the users of a treatment works to produce adequate revenues for the operation, maintenance and replacement of the treatment works.

WPCLP - Water Pollution Control Loan Program, as authorized by Section 19.2 of the Environmental Protection Act. (415 ILCS 5/19.2)

WRRDA - Water Resources Reform and Development Act of 2014. (P.L. 113-121)

Appendix B: CWSRF Definition of Emerging Contaminants (from USEPA Implementation Memorandum)

Attachment 1 – Appendix B: CWSRF Definition of Emerging Contaminants

Emerging contaminants refer to substances and microorganisms, including manufactured or naturally occurring physical, chemical, biological, radiological, or nuclear materials, which are known or anticipated in the environment, that may pose newly identified or re-emerging risks to human health, aquatic life, or the environment.[26] These substances, microorganisms or materials can include many different types of natural or manufactured chemicals and substances – such as those in some compounds of personal care products, pharmaceuticals, industrial chemicals, pesticides, and microplastics.[27,28]

The main categories of emerging contaminants include but are not limited to:

• **Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and other persistent organic pollutants (POPs)** such as polybrominated diphenyl ethers (PBDEs; used in flame retardants, furniture foam, plastics, etc.) and other persistent organic contaminants such as perfluorinated organic acids, PFAS free foam flame retardants;

• **Biological contaminants and microorganisms**, such as antimicrobial resistant bacteria, biological materials, and pathogens**;**

• **Some compounds of pharmaceuticals and personal care products (PPCPs)**, including a wide suite of human prescribed drugs (e.g., antidepressants, blood pressure medications, hormones), over-the-counter medications (e.g., ibuprofen), bactericides, fragrances, UV filters (sunscreen agents), detergents, preservatives, and repellents;[29]

- Insect Repellents, Cosmetics and UV filters: DEET, Methylparabens, Benzophenone[30]
- Fragrances: HHCB and AHTN (7-acetyl-1,1,3,4,4,6-hexamethyl-1,2,3,4-tetrahydronaphthalene; CAS 21145-77-7; Tonalide)[31]
- Cosmetic and food preservatives: BHA (butylated hydroxyanisole) and BHT (butylated hydroxytoluene)[32]
- Veterinary medicines such as antimicrobials, antibiotics, anti-fungals, growth promoters, investigational new animal drugs, and hormones;
- Substances that illicit endocrine-disrupting chemicals (EDCs), including synthetic estrogens (e.g.,17αethynylestradiol, which also is a PCPP) and androgens (e.g., trenbolone, a veterinary drug), naturally occurring estrogens (e.g.,17ß-estradiol, testosterone), as well as many others (e.g., organochlorine pesticides, alkylphenols)

• **Nanomaterials** such as carbon nanotubes or nano-scale particulate titanium dioxide, of which little is known about either their environmental fate or effects.

26 2020 White House Office of Science & Technology Policy document which focused on drinking water/human health

27 Contaminants of Emerging Concern under the Clean Water Act 2019, Congressional Research Services

28 White Paper Aquatic Life Criteria for Contaminants of Emerging Concern 2008

29 Peck, A.M. Analytical methods for the determination of persistent ingredients of personal care products in environmental matrices. *Anal Bioanal Chem* **386,** 907–939 (2006). https://doi.org/10.1007/s00216-006-0728-3

30 Diana Montes-Grajales, Mary Fennix-Agudelo, Wendy Miranda-Castro, Occurrence of personal care products as emerging chemicals of concern in water resources: A review, Science of The Total Environment, Volume 595, 2017, Pages 601-614, ISSN 0048-9697, https://doi.org/10.1016/j.scitotenv.2017.03.286. (https://www.sciencedirect.com/science/article/pii/S0048969717308161)

31 J Environ Eng (New York). Author manuscript; available in PMC 2010 Feb 1. Published in final edited form as: J Environ Eng (New York). 2009 Nov 1; 135(11): 1192. doi: 10.1061/(ASCE)EE.1943-7870.0000085

32 Soliman, Mary A., et al. "Human Pharmaceuticals, Antioxidants, and Plasticizers in Wastewater Treatment Plant and Water Reclamation Plant Effluents." Water Environment Research, vol. 79, no. 2, 2007, pp. 156–167., https://doi.org/10.2175/106143006x111961.

• **Microplastics/Nanoplastics:** synthetic solid particle or polymeric matrix, with regular or irregular shape and with size smaller than 5 mm, of either primary or secondary manufacturing origin, or larger plastic materials that degrade into smaller pieces, including from tire wear (such as 6PPD), which are insoluble in water.[33] Primary microplastics include particles produced intentionally of this very small dimension, like pre-production pellets used as intermediate in plastic production, microbeads for abrasive functions or microfibers that form from synthetic textiles.[34]

Projects that address contaminants with water quality criteria established by EPA under CWA section 304(a), except for PFAS are not eligible for CWSRF Emerging Contaminants funds.

[33] J.P.G.L. Frias, Roisin Nash, Microplastics: Finding a consensus on the definition, Marine Pollution Bulletin, Volume 138, 2019, Pages 145-147, ISSN 0025-326X, https://doi.org/10.1016/j.marpolbul.2018.11.022. (https://www.sciencedirect.com/science/article/pii/S0025326X18307999)

[34] Silvia Galafassi, Luca Nizzetto, Pietro Volta, Plastic sources: A survey across scientific and grey literature for their inventory and relative contribution to microplastics pollution in natural environments, with an emphasis on surface water

Appendix C: Principal Forgiveness (Additional Subsidization) Distribution

Section 365.250 Additional Subsidization

a) The Agency may provide additional subsidization as provided in section 603(i) of the CWA or as otherwise prescribed by USEPA in the annual capitalization grant agreement.

b) Pursuant to section 603(i)(2) of the CWA, the Agency adopts the following affordability criteria.

1) To be eligible for additional subsidization under section 603(i)(1)(A)(i) of the CWA, a public loan recipient must

A) have a service population of 30,000 or less, unless the loan applicant's median household income (MHI) is 70%~~,~~ or less~~,~~ of the statewide average; and

B) score at least 21 points based on the following criteria:

i) Median Household Income

Points	MHI as % of Statewide MHI
0	Above 100%
5	95-99.99%
10	90-94.99%
15	85-89.99%
20	80-84.99%
25	75-79.99%
30	70-74.99%
35	65-69.99%
40	60-64.99%
45	55-59.99%
50	50-54.99%

55	45-49.99%
60	0-44.99%

ii) Population

Points	Service Population
0	Above 30,000
5	20,000-30,000
10	15,000-19,999
15	10,000-14,999
20	5,000-9,999
25	2,000-4,999
30	1,000-1,999
35	0-999

iii) Additional Criteria

Points	Additional Criteria
1	Unemployment rate is greater than the statewide average unemployment rate by one percentage point or more
4	Decrease in service population greater than 5.0% in the last 5 years from the date of the loan application

2) The amount of additional subsidization provided under section 603(i)(1)(A)(i) of the CWA will be capped for qualifying public loan recipients and applied only to eligible projects costs as follows:

Points	Percent
0-20	0%
21-40	up to 15%
41-60	up to 30%
61-80	up to 45%
81-100	up to 60%

c) Notwithstanding the additional subsidization caps in subsection (b)(2), the Agency may establish a base cap applicable to each loan recipient within its Intended Use Plan each year. The base cap shall be the same amount for each loan recipient receiving additional subsidization. In determining the base cap, the Agency must consider the following factors:

1) the amount of federal appropriation allocated to the Agency for additional subsidization;

2) the number of qualifying loan recipients;

3) the availability of equity in the State Water Revolving Fund while ensuring the fund operates in perpetuity; and

4) requirements established by USEPA.

d) The Agency shall prioritize public loan applicants who score at least 21 points under the affordability criteria in subsection (b) and shall award additional subsidization to loan applicants in the order that loan applicants have been issued a loan by the Agency pursuant to Section 365.410.

Appendix D: Summary of Public Participation and Public Comments

The Draft 2024 IUP was released for public review on June 2, 2023, thus beginning the 21-day public comment period. The last day to submit public comments was June 23, 2023. The Draft 2024 IUP notice was placed on Illinois EPA's general notice website https://www2.illinois.gov/epa/public-notices/Pages/general-notices.aspx and each of the identified stakeholders of the Clean Water State Revolving Fund (SRF) program were also notified by e-mail. The Agency expanded its outreach for comment on the IUP this year by also e-mailing additional special interest groups, consulting engineers, professional agencies/associations, and other funding agencies that either expressed an interest in, or are familiar with, the SRF loan programs. The notice directed potential commenters to Barb Lieberoff, Office of Community Relations as the Agency contact for receiving comments and questions pertaining to the Draft 2024 IUP.

Various comments were received by the Agency regarding the Water Pollution Control Loan Program:

The following WPCLP projects received additional MHI points as the scoring system was not allocating points correctly:

MWRD (L17-6032)
MWRD (L17-3807)
MWRD (L17-5165)
MWRD (L17-2745)
MWRD (L17-4927)
MWRD (L17-5163)
MWRD (L17-5697)
MWRD (L17-5904)
MWRD (L17-0388)
MWRD (L17-2964)
MWRD (L17-5610)
MWRD (L17-5900)
MWRD (L17-6033)
MWRD (L17-6037)
MWRD (L17-2743)
MWRD (L17-4711)
MWRD (L17-6215)
MWRD (L17-6359)

The following WPCLP projects were rescored for various reasons:

Peoria (L17-5912)- Received additional points for compliance
Belleville (L17-5445)- Unemployment rate adjustment
Lombard (L17-4472)- Funding Nomination Form received prior to March 31, 2023
Elmhurst (L17-6145)- Received additional points for Watershed Management Section and compliance permit

The Agency received comments from the United States Environmental Protection Agency (USEPA) and all comments were addressed appropriately. Most of the feedback received were minor formatting and grammatical issues and this document was updated to reflect those changes.

The Agency received 3 comments from the Alliance for the Great Lakes (AFTGL). The Agency has updated the formatting of the IUPs so that projects are easily searchable in a PDF. The Agency will continue to work on making the document more user-friendly in the future as well. The Agency will also continue to review its short-and long-term goals for green infrastructure. The Agency makes every effort to stay compliant with the green infrastructure requirement and will continue to work with communities to fulfill this in the future as well.

Appendix E
2024 Water Pollution Control Loan Program – Project Priority List

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Illinois EPA Water Pollution Control Loan Program (WPCLP) FY2024 Project Priority List

Funds Reserved For Projects on the IFL through December 31, 2023

Loan Applicant	Project Description	L17#	Estimated Construction Start Date	Projected Loan Amount	NPDES Permit No.	Loan Priority Score	Estimated Principal Forgiveness
Dakota	Phase 1 includes aerated lagoon improvements, relocate and replace the effluent flow meter, construct a new duplex submersible lift station, construction of a new roadways and WWTF maintenance tractor, along with associated apparatuses.	4260	3/18/2024	$ 2,641,000	IL0028304	705	$ 792,300
Nokomis	Replacement of the City's trickling filter WWTP with a new aerated lagoon and aerated rock filter treatment facility.	6182	10/2/2023	$ 6,486,225	IL0020206	670	$ 1,945,868
New Lenox	New Water Resource Recovery Facility (WRRF) and conveyance modifications to convey flow from the existing Sewer Treatment Plant (STP) 2 to the new WRRF. Decommissioning of the existing STP 2 and construction of a new 18-inch diameter gravity sewer to convey flows from the existing STP 2 to the new 54-inch gravity sewer that conveys flows to the new WRRF.	1185	1/26/2024	$ 60,500,000	IL0046264	665	N/E
Galesburg S.D.	WWTP - Anaerobic Digester Improvement Project: improvements include the conversion of the current secondary digester for use as a primary digester, piping improvements at the existing primary digester #4, new gas safety equipment, cleaning of both digester's, utility improvements, modifications within the existing digester control building, and site improvements. The conversion of the secondary digester to a primary includes the demolition of the existing cover, installation of new piping, installation of a new gas holder cover, a new mixing system, new heat exchanger/heating system, and utility improvements.	6163	8/1/2022	$ 2,980,000	IL0023141	660	N/E
German Valley	Phase 2 - Construction of the WWTP improvements.	6249	7/1/2023	$ 1,604,000	IL0024821	650	$ 481,200
Rantoul	Upgrades to dewatering, solids handling and chemical feed system at the WWTP. Upgrades to pumps at the Northwest Pump Station, Evans Road Pump Station and the Rantoul Foods Pump Station are included. Replacements and additions to the force main connecting these Pump Stations are also included.	3611	10/1/2023	$ 11,128,000	IL0022128	650	$ 3,338,400
German Valley	Construction of the WWTP improvements including replacement of influent pump station with duplex submersible pumps with VFD based controls; New fine screen and a manual bar screen structure; refurbishment of North Lagoon (Lagoon #1) including lining; refurbishment of south lagoon (lagoon #2) with lemna's lentec lagoon cover, baffles, and high and low rate diffusers; refurbishment of the Lagoon #2 rock filter; new lemna polishing reactor (LPR) structure; new replacement PD blowers; and miscellaneous site improvements.	6248	7/1/2023	$ 655,000	IL0024821	625	$ 196,500
Augusta	Wastewater Improvements - Phase 1 including replacing the Village's lift station outside of the flood plain conversion of existing facultative lagoon to an aerated lagoon.	6181	10/18/2023	$ 4,200,000	IL0027570	580	$ 2,520,000
Peoria	Installation of green infrastructure in the right of way.	5912	3/1/2024	$ 11,935,000		535	$ 1,790,250
Monmouth	The proposed project is to provide an ultraviolet disinfection facility at the existing Consolidated WWTP to meet the NPDES Permit requirements. This project also includes clarifier launder covers to reduce algae growth.	1724	7/30/2023	$ 3,120,000	IL0036218	495	$ 936,000
Belleville	Construction of a new storm sewer,detention pond and a relief storm sewer. Sewer upgrades and manhole pipe rehabilitation with the existing combined system to reduce I&I.	5445	9/1/2023	$ 10,400,000	IL0021873	475	$ 1,560,000
Marine	Video and evaluate all older existing sewer lines within the sewer district. Repair by CIP lining or replacing all sewer lines and manholes that require repair.	5706	8/1/2023	$ 1,650,000	IL580228	475	$ 247,500
Thompsonville	The replacement of two (2) existing sewage pumping stations and approximately 1,400 LF of existing cast iron sewer force main.	6391	3/1/2024	$ 570,000	IL0072478	460	$ 342,000
West Frankfort	Sewage Treatment Plant Effluent Disinfection	6051	6/20/2023	$ 1,253,300	IL0031704	445	$ 563,985
Christian County Water Reclamation District	Construction of new grit removal system, new headworks, activated sludge tank modifications, clarifier improvements, chemical feed building, influent pump station modifications, SCADA improvements, and demolition of rough filtering.	5861	11/27/2023	$ 20,000,000	IL0031356	435	$ 5,000,000
Metro East S.D.	Lining and other improvements to interceptor sewer.	5518	9/1/2023	$ 14,000,000		430	$ 5,000,000
Kincaid	Phase 1 - Sewage System Improvements including installation VFDs, lighting upgrades for the STP, installation of fine bubble aeration system at primary lagoon, sanitary sewer cleaning, televising and smoke testing of the sewers followed by CIPP lining and manhole rehabilitation.	5878	8/15/2023	$ 1,206,700	IL0048607	420	$ 362,010
Pingree Grove	WWTP Improvements, including doubling the existing daily average flow from 1.0 MGD to 2.0 MGD, while improving the treated effluent quality to meet heightened water quality discharge limits.	6752	3/1/2024	$ 22,000,000	IL0077755	420	N/E
Manhattan	Expand existing STP from a design average flow of 1.35 mgd to 2.70 mgd. This includes influent piping and pump station modifications, new mechanical screening, new screening washer/compactor, new anraerobic selector tank for biological phosphorus removal, replacement of existing oxidation equipment, new oxidation ditch, new secondary clarifier, RAS/WAS/Scum pumping modifications, new UV disinfection, new aerobic digesters and blowers, new liquid sludge storage tank.	3024	1/4/2024	$ 31,038,000	IL0020222	405	N/E
Milledgeville	The installation of cured-in-place lining of roughly 10,000 LF of sanitary sewer main within the Village's collection system.	5758	9/1/2023	$ 891,688	IL0023345	405	$ 401,259
Onarga	Construction of a chlorine gas contact tank and chlorine room and feed system. Addition of a influent flow meter, air release manhole and influent bypass piping. Addition of a screening and grit and FOG removal package plants.	6128	11/2/2023	$ 1,880,000	IL0076813	400	$ 564,000
Lombard	Combined Sewer Rehabilitation	4472	12/4/2023	$ 19,000,000		390	N/E
Olmsted	The Front Street lift station will get new pumps, controls, new electrical services, and a new jib crane with hoist. Route 37 lift station will have a new lid installed, valve vault, piping, pump controls, electrical services, and a new jib crane with hoist. There will also be minor embankment modifications to the lagoon sewer treatment plant, an overflow section will be created between call 1 and cell 2.	6030	10/2/2023	$ 450,000	ILG580052	390	$ 270,000
Dixon	Phosphorus removal improvements including biological nutrient removal (BNR) modifications with chemical backup/polishing and equipment replacement and upgrades to the existing Wastewater Treatment Facility including.	6295	3/29/2024	$ 14,590,000	IL0026450	385	$ 4,377,000
Metropolitan Water Reclamation District of Greater Chicago	Construct a facility to support enhanced biological phosphorus removal in order to meet upcoming IEPA total phosphorus permit limits on the effluent at the Kirie WRP.	6032	1/17/2024	$ 6,500,000	IL0047741	380	N/E
Pana	Replacement of the existing WWTP with a new headworks, new Sequencing Batch Reactor process, retrofit sludge management system and new excess flow disinfection system to fulfill future total phosphorus effluent limit requirements.	6110	12/31/2023	$ 10,944,745	IL0022314	380	$ 3,283,424

Romeoville	Relocation of existing sanitary sewer; installation of a prefabricated lift station structure; installation of a prefabricated control building; installation of a backup generator and prefabricated generator building; trenchless installation of proposed force main in casing pipe; installation of a proposed force main from the lift station; pavement removal; pavement replacement; and landscape restoration.	3357	12/1/2023	$ 5,000,000	IL0048526	380	N/E
Carlinville	Construction of a new 24-inch PVC sewer, manholes, and connections to existing sewer lateral, along Highway 108, between Alton Road and the downtown City Square to replace the existing 22-inch brick sewer.	4333	3/1/2024	$ 1,467,000	IL0022675	375	$ 440,100
Sangamon Valley P.W.D.	Improvements to STP consisting of: New influent screening building, upgrades to influent pump station, reversing flow between primary and secondary aerated lagoons, upgrades to aeration equipment, upgrades to intermediate pump station, new effluent recirculation pumps, new chemical building, and new chlorine contact tank. Convert Lake of the Woods lift station to a submersible/wet-well type lift station with new pumps.	6283	9/18/2023	$ 6,400,000	IL0046141	375	N/E
Washington Park	Rehabilitation of the existing sanitary sewer system facilities at various locations within the Village, including sewer repairs at 14 locations, replacement of approximately 50 manhole lids and frames, rehabilitation of 3 sanitary lift stations, and lining of approximately 10,769 LF of existing sewer piping.	2692	10/2/2023	$ 2,931,800		375	$ 1,759,080
Leaf River	Construction of a new influent lift station, influent screen and WWTP building, convert the existing tertiary lagoons to primary treatment aerated lagoons, and construct an aerated rock filter. The project also includes rehabilitating 1,200 feet of 10" diameter sanitary sewer with a cured-in-place liner system.	5705	1/1/2024	$ 5,550,000	IL0029475	365	$ 1,665,000
Watseka	Separation of the combined sanitary and storm sewer system. Improvements will include disconnection of all storm water inlets and catch basins from the existing combined sewer system in the project area, and the construction of a new storm sewer system on Walnut Street, starting at Flemming Court, to Kay Street, and north to a new outfall on the Iroquois River.	6002	3/1/2024	$ 2,350,000	IL0022161	365	$ 1,057,500
St. Clair Township	Upgrading and rehabilitation of Wastewater Treatment Units including replacement of two activated sludge steel plants with new activated sludge plant.	5777	3/2/2024	$ 8,868,055	IL0048232	360	$ 1,330,208
East Cape Girardeau	Improvements to the Iroquois Street Lift Station and rehabilitation to the wastewater treatment plant.	6029	9/19/2023	$ 751,500	IL0070319	355	$ 450,900
Minooka	Installation of variable frequency drives on the influent pumps, replacement of aeration tank and aerobic digester blowers and diffusers, replacement of oxidation ditch equipment, HVAC equipment replacement, and supervisory control and data acquisition (SCADA) upgrades.	3888	8/1/2023	$ 4,183,000	IL0055913	355	N/E
Grand Tower	The City of Grand Tower intends to make improvements to their wastewater collection system by installing sanitary sewer extension on Grand Tower Road.	0229	10/2/2023	$ 1,091,500	ILG580079	345	$ 491,175
Hanover	This project involves CIPP lining in the collection system and replacement of the comminutor in the lift station ahead of the WWTP.	4350	10/1/2023	$ 1,555,100	ILG5800189	345	$ 699,795
Chicago	Continuation of annual sewer main improvement program to replace and/or supplement existing sewers.	5801	9/29/2023	$ 18,000,000		335	N/E
Chicago	Rehabilitate an 18" diameter sediment force main.	3628	11/1/2023	$ 10,000,000		335	N/E
Shelbyville	The City intends to construct a new sanitary collection system to separate the storm and sanitary flows in the current combined sewer system.	6007	7/1/2023	$ 6,000,000	IL0021890	335	$ 1,800,000
Moweaqua	Phase 1: Construction/Installation of new screening mechanism, grit removal structures, bypass structure, fine bubble diffuser system and blowers with VFDs, 1" water service line; rehabilitation of existing chlorine contact tank, chemical feed systems, and service building; modifications of existing sand filters to rock filter; and sludge removal from existing aeration ponds.	6291	8/1/2023	$ 2,306,000	IL0048658	330	$ 691,800
Moweaqua	Phase 2: Sewer system improvements in Basin #1 - Cleaning and televising of approx 20,000 LF of sewers on drainage Basin #1. Cured-in-place-pipe (CIPP) lining or removal and replacement of sewers as necessary.	6292	8/1/2023	$ 7,741,000	IL0048658	330	$ 2,322,300
Tamms	Lagoon improvements include removal and disposal of sludge and the installation of new floating aerators and associated electrical components. Collection system improvements include replacement and relocation of the Russell Ave lift station and an extension of a 12" sanitary sewer to the new lift station, the rehabilitation of the Pumphouse Street an Railroad St lift stations, seal of 4 existing manholes, and replacement of the Fairlawn Drive 8" Sanitary Sewer Main.	3670	3/1/2024	$ 1,811,393	ILG58033	330	$ 815,127
Cuba	Various improvements to the existing wastewater treatment plant for effluent compliance, replacement of dilapidated equipment, and maintenance.	6125	3/1/2024	$ 4,500,000	IL0570300	325	$ 2,700,000
Rochelle	Rehabilitate existing final clarifiers, replace existing tertiary sand filters with cloth media filters, modify ALE piping to headworks.	4374	9/1/2023	$ 9,000,000	IL0030741	325	2,700,000
Sterling	Installation of 38,000 feet curred-in-place piping, 1,500 vertical feet of manhole lining, 6 manhole replacements and the construction of approximately 1000 feet of new sanitary sewers within the Hey's Lift Station East region.	3428	3/1/2024	$ 9,663,000	IL0060569	325	2,898,900
Elmhurst	Rehabilitation of primary clarifiers, secondary clarifiers, chlorine contact tanks/excess flow clarifiers, disinfection equipment, sludge drying beds, RAS pump station, and non-potable water system. Additionally, the Administration Building will receive HVAC improvements and rehabilitation of the occupied spaces.	6145	9/15/2023	$ 26,500,000	IL0028746	320	N/E
Bloomington and Normal Water Reclamation District	BNR conversion and upgrades to Southeast WWTP	5521	2/1/2024	$ 33,000,000	IL0073504	315	N/E
Metropolitan Water Reclamation District of Greater Chicago	Installation of new replacement boilers and associated motor control centers. The boilers will have co-firing of digester gas and natural gas to maximize the available digester gas. A deaerator will be installed to provide for complete redundancy. Upgrades also include the boiler chemical system and controls, and lighting.	3807	5/1/2023	$ 15,500,000	IL0028053	310	N/E
Metropolitan Water Reclamation District of Greater Chicago	This project will support phosphorus removal by modifying the existing aeration tanks in Battery D at O'Brien WRP.	5165	4/27/2023	$ 14,000,000	IL0028088	305	N/E
	Total Cost of Projects Scored and Funding Reserved Through December 31, 2023			**$ 459,793,006**			**$ 55,793,581**

Illinois EPA Water Pollution Control Loan Program (WPCLP) FY2024 Project Priority List

Projects Below Were Scored For Priority But Availabable Funds Exhausted

Loan Applicant	Project Description	L17#	Estimated Construction Start Date	Projected Loan Amount	NPDES Permit No.	Loan Priority Score	Estimated Principal Forgiveness
Wood River	Separate sanitary and storm water flows from an existing combined sewer system.	5839	10/1/2023	$ 10,000,000	IL0031852	305	Funding Exhausted
Salt Creek S.D.	Replace UV disinfection equipment which is no longer supported by the manufacturer with new low-pressure, high-output in-channel UV disinfection equipment. Rebuild the sludge dewatering belt filter press and update its control system and SCADA integration.	6123	9/18/2023	$ 1,773,000	IL0030953	300	N/E
Quincy	CSO LTCP Phase 4 - Spot repairs to combined sewer interceptors to maximize flow to sewage treatment works.	5622	1/15/2024	$ 1,300,000	IL0030503	295	Funding Exhausted
Quincy	CSO-LCP Phase 3	5621		$ 1,500,000		295	Funding Exhausted
Stillman Valley	Phase 1 Sanitary Sewer Improvements include the construction of 3,636 feet of 10", 12", 15" diameter sanitary sewers and the cured-in-place lining of 1,140 feet of 8" diameter sanitary sewer.	6133	2/1/2024	$ 1,373,000	IL0079197	295	Funding Exhausted
Macomb	Installation of new perforated plate screens for the east and west trains, new grit removal system for the west train, replacement of the weirs and baffles in the primary and secondary clarifiers, a new UV disinfection system , and upgrades to the aeration and mixing systems for the plant's sludge digestion system.	5757	6/1/2023	$ 4,558,588	IL0029688	290	Funding Exhausted
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitation of concrete in and around final settling tanks for Battery A at Stickney WRP.	2745	5/31/2023	$ 24,000,000	IL0028053	290	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitate the existing Upper Des Plains intercepting sewer 11-D extension C. The work includes furnishing all materials, labor, and equipment required to rehabilitate: 10,828 feet of 36" diameter sewer using cured-in-place (inversion) pipe (CIPP) lining; and 25 manholes/structures to be rehabilitated by spray-on products as needed pending inspection.	4927	6/28/2023	$ 11,500,000	IL0036340	290	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitation of 2,902 feet of 48-inch diameter sewer and 11,902 feet of 69-inch diameter sewer, as well as 27 manholes/structures. The work also consists of the abandonment of one offset manhole, part of a control structure, and 85 feet of 3'-6"x4'6" pipe.	5163	5/1/2023	$ 30,000,000	IL0047741	290	N/E
Ridgway	Replacement of two blocks of existing sanitary sewer in town, partial replacement of the outfall line at the sewage treatment plant. Draining of the lagoons for sludge removal, replacement of the lagoon liner system, and replacement of the floating aerators with a submerged diffuser blower system.	6121	3/1/2024	$ 1,500,000	IL0020079	290	Funding Exhausted
Sangamon County Water Reclamation District	Removal and replacement of the existing Oak Ridge Interceptor Sewer to reduce the number of combined sewer overflows, to improve system hydraulics, and to maximize flow to the WWTP as per approved LTCP.	6370	1/1/2024	$ 4,620,000	21989	290	N/E
Thebes	Phase 1 replacement of 4th Street lift station and replacement of approx 1500 LF of force main, and sewer lagoon improvements. Installation of gravity sewer to eliminate Mulberry Stret lift station.	3564	9/11/2023	$ 656,900	ILG58053	285	Funding Exhausted
Joliet	Phase IV of the Long Term Control Plan and includes modifications to combined sewer overflow regulator structures CSO 004, CSO 007, CSO 009, CSO 010, CSO 011, CSO 012, and CSO 017.	1655	8/30/2023	$ 11,000,000	IL0022519	280	N/E
Urbana and Champaign Sanitary District	Upgrades to headworks, excess flow, activated sludge treatment, secondary clarification, and general upgrades for HVAC; treatment expansion at the SWP through the addition of primary treatment; decommissioning of the nitrification towers at the SWP; and replacing aging anaerobic digestion equipment and piping at the UCSD Northeast Treatment Plant (NEP).	4392	7/15/2023	$ 28,000,000	IL0031526	280	Funding Exhausted
Chatsworth	Replace the existing mercury switches, existing lift station pumps, sand filter beds at the existing WWTP to aid in the efficacy, redundancy, reliability and reduce operational costs of the treatment process.	6170	6/2/2023	$ 1,080,000	ILG580091	275	Funding Exhausted
Villa Park	Westmore Avenue Improvement Project and Washington Area Combined Sewer Separation Project and Park Boulevard Sewer Rehabilitation Project.	5667	9/1/2023	$ 804,000	IL0033618	275	-
Alhambra	Cleaning and Lining of sanitary sewers.	6180	8/15/2023	$ 400,000		270	Funding Exhausted
Northern Moraine Wastewater Reclamation District	Extend sanitary sewer service to 227 homes throughout the Village of Holiday Hills and the LeVilla Vaupell subdivision.	6165	3/1/2024	$ 8,500,000	IL0031933	270	N/E
Ursa	Conversion of the existing land applied treatment system to a stream discharge system by adding two aerated lagoon cells and an aerated rock filter following the existing lagoon cell. The existing will remain in service and serve as the first stage to the biological process as well as the solids holding cell.	4150	11/1/2023	$ 2,100,000		270	Funding Exhausted
Granite City	Installation of equipment related to phosphorus removal.	4114	8/15/2023	$ 18,000,000	IL0033481	265	N/E
Chester	Replacement of lift station #1, a new generator, and relocation of controls out of the flood plain. Renovation lift station #2. Renovation and new generators for lift station #3 and #6. Seven new blowers and controls for the wastewater treatment plant. Five aeration blowers, and two grit and grease blowers.	3545	3/1/2024	$ 1,750,825	IL0072931	260	Funding Exhausted
Mendota	The project includes SCADA improvements and a new Headworks building with screening, grit removal, flow measurement, and diversion control to existing wet weather lagoons.	6118	9/15/2023	$ 8,300,000	IL0023221	255	Funding Exhausted
Forrest	Construction of proposed Krack Street lift station improvements to provide enhanced redundancy and safety to the existing system during wet weather flow events.	6390	2/5/2024	$ 1,460,000	IL0028819	250	Funding Exhausted
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitating leaking cracks and deteriorated expansion joints inside utility and service tunnels at O'Brien, Kirie, Egan, and Hanover Park WRPs.	5697	10/4/2023	$ 4,100,000	IL0028088	250	N/E
Metropolitan Water Reclamation District of Greater Chicago	Installation of replacement 480V switchgear substations and 480V cables from the new substations to the Motor Control Centers (MCCs) and Power Distribution Panels (PDPs). The replacement of the aerated grit MCCs will also be included. Upgrades also include the installation of new duct banks between Electrical Manhole EMH-2 to the Central Boiler Building of medium voltage cables and replacement of medium voltage cables between D799 Substation to the Central Boiler Building.	5904	2/14/2024	$ 6,750,000	IL0028053	250	N/E
Northern Moraine Wastewater Reclamation District	Construction of roughly 4,420 lineal feet of 42-inch interceptor sewer to connect the existing 24-inch Water's Edge Interceptor to the WWTP and allow for removal of the Water's Edge Lift Station.	5823	3/1/2024	$ 4,000,000	IL0031933	250	N/E
Maryville	Replace interceptor sewer.	2456	1/15/2024	$ 1,600,000		240	N/E
Glendale Heights	The project includes conversion of the existing chlorine gas disinfection system to UV disinfection.	6097	10/15/2023	$ 3,000,000	IL0028967	235	N/E
Yorkville - Bristol S.D.	New biosolids stabilization process. This project includes new WAS holding, thickening system, ATAD process, dewatering system, and centrate holding along with other minor improvements to existing systems such as chemical addition. The improvements also include a new O&M Building with a laboratory, offices, plants operations center and garage.	5821	11/1/2023	$ 40,000,000	IL0036412	235	N/E

Metropolitan Water Reclamation District of Greater Chicago	The project includes the replacement or rehabilitation of various mechanical process components, similar in nature, such as slide gates, actuators, gear reducers, fiberglass tank launder covers, pumps, drive shafts, valves, and various ancillary equipment inside preliminary tanks, aeration tanks, and final settling tanks.	0388	7/3/2023	$ 13,000,000	IL0028053	230	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitation of the 39th Street Conduit (sewer) from the lakefront to Racine Ave Pumping Station along 39th Street in Chicago.	2964	6/27/2023	$ 45,400,000	IL0028053	230	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitation of 11,317 feet of 36" sewer, 1,089 feet of 54" sewer by cured-in-place pipe lining, and the rehabilitation of 36 manholes by spray-on products.	5610	1/17/2024	$ 7,750,000	IL0047741	230	N/E
Metropolitan Water Reclamation District of Greater Chicago	Replace deteriorated concrete deck, stairs, and railings at the North Branch Pump Station (NBPS) and replace flap gates and removable slabs in the Connecting Structure at Drop Shaft DS-91 adjacent to the NBPS.	5900	9/22/2023	$ 7,000,000	IL0028088	230	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitate the existing Salt Creek Intercepting Sewer 2 to ensure effective long-term drainage for citizens living in its service area. The work includes furnishing all materials, labor, and equipment required to rehabilitate 11,000 feet of 42" x 60" diameter intercepting sewer, using cured-in-place pipe lining and/or slip lining method, filing large voids and holes in the sewer invert, and rehabilitating 18 manholes/structures.	6033	12/20/2023	$ 13,350,000	IL0028053	230	N/E
Metropolitan Water Reclamation District of Greater Chicago	Replace control and communication equipment for TARP control structures throughout the MWRDGC service area, including the radios, antennas, primary and backup radio repeaters, control PLCs, and uninterruptible power supplies (UPS).	6037	6/28/2023	$ 25,000,000	IL0028061	230	N/E
Glenbard Wastewater Authority	Rehabilitating the primary clarifiers, gravity thickener, and associated systems at the Advanced Wastewater Treatment Facility. The rehabilitation will include replacing the collector, drive, and motor for each primary clarifier, as well as primary sludge pumping equipment, electrical and control system.	5771	10/3/2023	$ 6,500,000	IL0021547	215	N/E
North Shore Water Reclamation District	Rehabilitation of 4,600-feet of 20 to 24" transite sewer and 14 manholes by CIPP lining.	4494	2/1/2024	$ 2,145,000	35092	215	N/E
North Shore Water Reclamation District	Replacement of nine unit substations and associated cabling at the Gurnee, Waukegan, and Clavey Road Water Reclamation Facilities.	4495	3/1/2024	$ 26,626,600	35092	215	N/E
Champaign	Construction of 2960 feet sanitary interceptor sewer from the intersection of White St. and Randolph Str to the interceptor sewer along Springfield Ave.	5889	7/1/2023	$ 7,800,000		210	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitate Digester tanks 1-10, replace the digester gas associated piping for Digester Tanks 1-12, replace existing digester flares, and replace pumps near the Digester Facility at the Stickney Water Reclamation Plant.	2743	8/16/2023	$ 25,500,000	IL0028053	210	N/E
Metropolitan Water Reclamation District of Greater Chicago	Rehabilitation of 10,110 feet of 6' x 9' sewer, 4,257 feet of 6' x 8' sewer, and 22 manhole structures in Kenilworth, Winnetka and Wilmette. The work also includes construction of 3 new manholes in the City of Evanston and the rehabilitation of 56 manholes on the North Shore 3 Intercepting Sewer in Glencoe and Winnetka.	4711	8/16/2023	$ 32,650,000	IL0028088	210	N/E
Metropolitan Water Reclamation District of Greater Chicago	The project will furnish, deliver, and install seven grit screw conveyors, eight tank covers/E-fans, and demolish eight bridges.	6215	12/1/2023	$ 4,600,000	IL0028061	210	N/E
Metropolitan Water Reclamation District of Greater Chicago	Construction of a 48-inch diameter manhole and approximately 270-feet of 27-inch diameter fiberglass sewer pipe to connect the 3'-6" x 3'-6" Berkley-Hillside Interconnecting Sewer to TARP Drop Shaft DS=D34-AI.	6359	12/5/2023	$ 3,500,000	IL0028053	210	N/E
Northern Moraine Wastewater Reclamation District	Construction includes a maintenance garage and parking lot improvements adjacent to the existing Northern Moraine Wastewater reclamation District Administrative Building.	5822	3/1/2024	$ 3,500,000	IL0031933	200	N/E
Northern Moraine Wastewater Reclamation District	Construction of a new headworks Facility at the District's WWTP to accommodate the new Darrell Road Interceptor Sewer.	2930	3/1/2024	$ 3,400,000	IL0031933	200	N/E
	Total Cost of Projects Scored but Funding Exhausted			**$ 461,347,913**			

Illinois EPA Water Pollution Control Loan Program (WPCLP) FY2024 Project Priority List

Projects with Planning Approval- Estimated Construction Start After March 31, 2024

Loan Applicant	Project Description	L17#	Estimated Construction Start Date	Projected Loan Amount	NPDES Permit No.
Barrington	The Barrington WWTP will be updated with a new Preliminary Treatment Building including fine screens, wash presses, influent pumping, and grit removal, upgrades to the primary clarifiers, aeration tanks, new final clarifiers, retrofit of existing final clarifiers into excess flow clarifiers, disinfection improvements, new tertiary filters, new aerobic digesters and associated piping and appurtenances. The improvements are required due to the age of the WWTP as well as to continue to meet NPDES permit requirements, including future phosphorus and ammonia-nitrogen limits.	3620	9/18/2025	$ 50,500,000	IL0021598
Belleville	A replacement of a portion of the sanitary sewer on LaSalle Street will be constructed. The project will consist of the removal and replacement of approximately 540 feet of 12-inch sanitary sewer, three new manholes, sewer laterals, and construction site restoration. The project will help relieve sanitary sewer overflows (SSO) in the area and is required bt eh City's NPDES permit.	5833	9/1/2024	$ 350,000	IL0021873
Belleville	Lining of sanitary sewer mains and manholes and point will be constructed. The project include approximately cleaning and video recording of 11,000 feet of 6 to 24-inch diameter sewer main that would be lined with a cured0in-place=pipe (CIPP) system. The project also includes point repairs to the sewer mains and repairs and lining for approximately 71 manholes.	5834	5/1/2024	$ 2,500,000	IL0021873
Bloomington and Normal Water Reclamation District	Phase 1 BNR Conversion	6137	6/1/2026	$ 52,000,000	IL0027731
Buckley	New wastewater collection and treatment system.	6282	7/1/2024	$ 8,992,000	
Canton	Upgrade plant to replace aging facilities and to meet upcoming treatment limits. Proposed project includes demolition of the following facilities: headworks facility, primary clarifiers, two small secondary clarifiers, sludge pump station, aeration tanks, aerobic digester, sludge press, and drying beds. The project includes installation of the following facilities: headworks facility, conversion of the old headworks building to a garage, oxidation ditch treatment system with anaerobic and anoxic tanks, recycle pump station, secondary clarifier, sludge pump station, aerobic digesters with upgraded blower system, sludge press, garage, roadway improvements, drain line improvements from first flush and excess flow basins, upgrade excess flow basin discharge structure, pave road around basins, replace tertiary pump station and upgrade the discharge structure, upgrade site piping, upgrade perimeter fence, and upgrade plant electrical system.	4635	8/1/2024	$ 35,000,000	IL0027839
Dakota	Construct a new fine screen to replace existing bar screen, install a new diesel powered generator and automatic transfer switch, rehabilitate the existing maintenance building by replacing the roof, siding, doors and install a new concrete floor.	6395	3/22/2027	$ 752,000	IL0028304
DuPage County Department of Public Works	This project consists of adding two new mechanically cleaned bar screens and washer compactors in a new building; rehabilitation and reconstruction of the grit removal facilities including vortex grit tanks, grit pumps and classifiers; a new TWAS storage facility; replacement of centrifugal blowers with turbo or hybrid blowers; and select replacement of air piping and gates.	4262	11/1/2024	$ 21,575,000	IL0031844
DuPage County Department of Public Works	Phase 3 - This project consists of the construction of one new aeration basin, one new secondary clarifier, demolition an replacement of the existing clarifier splitter box, installation of three new RAS pumps, and replacement of diffusers and other appurtenances at the Woodridge-Greene Valley (WGV) WWTP. The project is being undertaken to replace aging infrastructure and to reduce the potential for catastrophic equipment failures which could result in SSOs and NPDES permit violations.	4263	7/1/2024	$ 7,820,000	IL0031844
DuPage County Department of Public Works	Phase 5 - This project consists of the implementation of chemical phosphorous removal at the Woodridge-Greene Valley (WGV) WWTP. The project includes a new chemical building and appurtenances for chemical phosphorus removal.	4265	7/1/2025	$ 1,310,000	IL0031844
DuPage County Department of Public Works	Phase 6 - This project consists of digester and solids dewatering rehabilitation at the Woodridge-Greene Valley (WGV) WWTP. The project includes rehabilitation of the existing secondary digester and appurtenances (compressors, flare, piping, and pumps) as well as the rehabilitation of the existing belt filter presses and gravity belt thickeners.	4266	7/1/2026	$ 1,380,000	IL0031844
Four Rivers Sanitation Authority	BNR Improvements (part of Side stream Fermentation and Aeration Basin Modifications Facility Plant Component #2).	6576	5/1/2024	$ 31,032,397	IL0027201
Galesburg S.D.	WWTP - 2024 Improvement Project (formerly referred to as phase 4 WWTP). This is part of a multiple phase improvement project to fully upgrade a 1929 trickling filter plant. Improvements include the equipment fo the structures built as part of the 2022 project (flow measurement/plant water structure, secondary clarifiers, diversion structure gates, activated sludge tanks configured for biological nutrient removal, chemical feed building, blower building, return activated sludge pump station, and scum pumping). New structures include primary clarifiers, influent pumping, sludge fermenter, sludge pumping, screening and grit removal, new operations building/shop, storage building.	5847	4/10/2024	$ 39,700,000	IL0023141
Galesburg S.D.	WWTP - 2025 Improvement Project (formerly part of the phase 4 project). This is the final phase of the plant improvement project. Improvements include demolition of old plant facilities, construction of WAS thickening, side stream equalization for compliance with total phosphorus limits, improvements to the existing headworks, miscellaneous rehabilitation at the CSO lagoons, and final paving of the roads upon completion of all other site improvements.	6581	4/10/2025	$ 18,450,000	IL0023141
Glen Carbon	Construction of Interceptor Pump Station No. 2 and force main to the Granite City sewer system.	4893	6/3/2024	$ 6,000,000	
Itasca	Phase 3 Infrastructure Improvements. This project will resolve regional stormwater issues including construction of oversized storm sewer and stormwater detention, water quality features, streambank stabilization and related BMPs.	6246	10/20/2024	$ 7,550,100	
Jacksonville	Phased construction of improvements to the existing wastewater treatment plant focused on meeting new phosphorus treatment standards, safety, and resiliency. Phase 2 includes installation of new generators, a SCADA system, a new solids handling, treatment and storage system and a new chemical phosphorus removal system.	5941	12/1/2025	$ 15,000,000	IL0021661
Jacksonville	Phased construction of improvements to the existing wastewater treatment plant focused on meeting new phosphorus treatment standards, safety, and resiliency. Phase 3 includes rehabilitation of the existing aeration tanks, final clarifiers, and RAS?WAS pump station along with a new biological phosphorus treatment system, featuring new anaerobic tanks, and anoxic selectors.	5942	12/1/2029	$ 15,000,000	IL0021661

Kincaid	Phase 2 - Improvements to the central part of the Village including manhole inspection, sanitary sewer cleaning, televising and smoke testing of the sewers in this area followed by Cured In Place Pipe (CIPP) lining and manhole rehabilitation. Sewer replacement where lining is not feasible, rehabilitation of manhole at Glen Dr. and Edinburg Ave., cross-section.	5980	6/1/2024	$ 2,427,700	IL0048607
Kincaid	Phase 3 - Improvements to the southwestern part of the Village including manhole inspection, sanitary sewer cleaning, televising and smoke testing of the sewers in this area followed by Cured In Place Pipe (CIPP) lining and manhole rehabilitation. Sewer replacement where lining is nor feasible.	5981	7/1/2025	$ 1,201,200	IL0048607
Metropolitan Water Reclamation District of Greater Chicago	19-255-3D Rehabilitation of Pump and Blower House, CWRP: The purpose of this project is to perform a major structural rehabilitation on the Pump and Blower House, at the Calumet WRP. The proposed work will address current safety concerns and is expected to increase the building life span by 50 or more years. The scope includes: Rehabilitation of the steel spandrel beams and lintels embedded in the exterior masonry walls of the Pump and Blower House; Application of protective coatings and flashings for the embedded structural steel; Localized reinforcement of beam to column connections; replacement of masonry, stonework, and flashing at the roof parapets; localized improvements of the roof concrete slab, roofing, roof deck, and roof slope remediation; and masonry and waterproofing improvements of wall penetrations and joint replacements.	0384	4/3/2024	$ 4,000,000	IL0028061
Metropolitan Water Reclamation District of Greater Chicago	19-257-3D 6th Street construction and utility tunnel rehabilitation, Calumet WRP: The purpose of the project is to rehabilitate and extend the useful life of the "D" Service Tunnel, including rehabilitation of approx 430 feet of the tunnel between the north wall of the Sludge Control Building and the south wall of the Gravity Concentration Tank Cluster No. 2, consisting of Tanks 5 through 8. The work under this project will address the issue of water infiltration into the tunnel.	0389	6/20/2024	$ 3,100,000	IL0028061
Metropolitan Water Reclamation District of Greater Chicago	Contract 18-253-3P Digester Rehabilitation and Gas Piping Replacement, CWRP: The scope of work for this project is to rehabilitate the digester tanks, replace digester gas collection piping systems, and replace all electrical components that do not meet current codes at the Calumet WRP.	5890	11/20/2024	$ 15,000,000	IL0028061
Metropolitan Water Reclamation District of Greater Chicago	Contract 20-087-3P Chemical Phosphorus Removal, OWRP: The scope of work for this project is to construct facilities to support chemical phosphorus removal to meet upcoming requirements per the National Pollution Discharge Elimination System (NPDES) permit for O'Brien WRP. Work consists of installation of two locations for receiving, storing, and dosing alum. The first location will be south of Battery D aeration tanks. The second location will be in between the rectangular and circular sets of primary tanks. Facilities include storage tanks, pumps, piping, valves, instrumentation including level gauges and phosphorus analyzers, concrete mat foundations, containment walls, paving and grading improvements, and integration into the current plant distributed control system.	6201	4/9/2024	$ 14,000,000	IL0028088
Metropolitan Water Reclamation District of Greater Chicago	Contract 16-129-3D Battery C Final Setting Tanks, Rehabilitation of Concrete, SWRP: The purpose of this project is to replace or rehabilitate deteriorated concrete in and around the Battery C Final Settling Tanks at the Stickney Water Reclamation Plant (SWRP) to ensure the tanks remain operational. The work also includes installation of safety barriers around the final settling tanks and mixed liquor and sludge return channels.	6217	9/16/2026	$ 3,000,000	IL0028053
Momence	Much of the equipment and piping at the STP has reached its useful life and needs replacement to continue operation and treatment of wastewater. Phase 1A addresses immediate concerns for systems that require improvements to meet the NPDES permit requirements and replace equipment already beyond its useful life. This includes the replacement of blowers, addition of chemical phosphorus removal, final effluent pumping for hydraulic improvements, and a new solids handling process. Additional miscellaneous equipment replacement and structural improvements are included for relevant structures.	6232	8/15/2024	$ 14,600,000	IL0022179
New Lenox	The Phase 1B1 project will include conveyance modifications to convey flow from the existing Sewer Treatment Plant (STP) 1 to the new WRRF (Phase 1A). A new 42-inch gravity sewer will be constructed to convey flow from the new force main (Phase 1B2) south along Nelson Road and west along West Illinois Highway to Gougar Road. The new 42-inch gravity sewer increases to 54-inch and conveys flow south along Gougar Road to the new WRRF. The 42-inch and 54-inch gravity interceptors will serve future underdeveloped areas in the Village's planning area.	6009	10/18/2024	$ 15,600,000	IL0020559
New Lenox	The Phase 1B2 project will include conveyance modifications to convey flow from the existing Sewer Treatment Plant (STP) 1 to the new WRRF (Phase 1A). The existing STP 1 will be decommissioned and a new 30.9 million gallon per day (mgd) STP 1 Pump Station (PS) and force main will be constructed at the site. The force main will discharge to a new gravity interceptor (Phase 1B1). The Phase 1B projects enable six existing pumping stations to e abandoned in the future and flow by gravity to the new WRRF.	6010	7/11/2025	$ 10,600,000	IL0020559
Northern Moraine Wastewater Reclamation District	NMWRD UV Disinfection Project - The project includes conversion of the treatment facility's disinfection process from chlorine chemical to UV light disinfection. The project will retrofit one existing chlorine contact tank into a concrete channel and installation of a UV light disinfection unit, gate, aluminum canopy, and channel plating.	6372	4/1/2024	$ 1,900,000	IL0031933
Northern Moraine Wastewater Reclamation District	NMWRD Solar Project - The project includes building a solar array located south of the existing WWTP site on property owned by the District. The proposed solar panel system would utilize a total of 1884 solar panels at 450 W each, equating to a system size of 847.8 kW. The existing electric utility will be replaced with a 100% self-sustaining, renewable solar energy supply.	6371	4/1/2024	$ 3,500,000	IL0031922
Northern Moraine Wastewater Reclamation District	Garage Replacement Project. The project includes demolition of the existing garage and operator breakroom and construction of a new building that will contain a garage space for District vehicles and equipment with an attached storage space. The total square footage of the garage is roughly 4,600 sf. The total square footage of the breakroom space is roughly 2,600 sf.	6373	4/1/2024	$ 3,000,000	IL0031933
Princeville	Abandoning the existing SW treatment plant, new lift station and force main from the SW treatment plant to the NE treatment plant, new terminal lift station to the NE treatment plant, miscellaneous improvements to the NE treatment plant, and stormwater holding ponds for the SW and NE treatment plants.	6143	4/1/2024	$ 6,000,000	IL0051276
Salt Creek S.D.	2021 Facility Plan Recommended Improvements Phase 2. New primary clarifiers, WAS thickening, and headworks. Improvements to existing aeration basins, electrical systems, administration building. Implement chemical phosphorus removal.	6124	10/1/2025	$ 29,734,000	IL0030953
St. Charles	The UV Disinfection Rehabilitation project includes replacement of the existing UV unit and non-potable water system. An additional UV unit will be installed in the open channel at the existing UV station. Finally, a structure will be built around the equipment to extend the service life of the equipment.	6093	6/7/2024	$ 5,000,000	IL0022705
St. Joseph	This project replaces the Village's 10" and 12" trunkline sanitary sewer with approximately 3600 ft of 24" sanitary sewer. The existing trunkline is undersized for the Village and the replaced trunkline will address SSOs experienced in the system. The sewer will discharge at the Villages wastewater treatment plant.	6100	7/1/2024	$ 6,600,000	IL0023086

Stillman Valley	Phase 2 sanitary sewer system improvements includes the cured-in-place lining of 9,790 feet of 8" diameter sanitary sewer and install a spray on liner material in 35 sanitary manholes.	6134	2/1/2025	$ 1,373,000	IL0079197
Thebes	Phase 2 of Improvements. Replacement of Walnut Street lift station and rehabilitation of Bean Ridge Road lift station.	6142	4/1/2024	$ 534,000	ILG580253
Warren	The proposed improvements will be completed in two phases. Phase one includes improvements on Pearl Street, village wide lining of lateral, manhole CIPP lining and head works improvements at the WWTF.	4345	7/31/2024	$ 8,627,000	IL0026301
Warren	The proposed improvements will be completed in 2 phases. During Phase 2 the Village is proposing to replace the existing sewer line along Warren Street with an 8-inch pipe and upgrade the electrical systems and install a transfer switch to work with a portable generator at both lift stations. During this phase the Village is also proposing to install a new SCADA system at the treatment plant and improve the oxidation ditch and install a biological phosphorus removal (BPR) system, to remove phosphorus from the effluent.	4478	7/31/2024	$ 11,220,000	IL0026301
Wheaton S.D.	Sludge dewatering improvements project - design, purchase, and construction of a new dewatering building which will include centrifuge feed pumps, centrifuges, conveyors, liquid polymer blending units, and chemical addition capabilities for phosphorus removal from the recycle stream and a centrate holding tank, digested sludge storage tank and biological reactor for deammonification. In addition, the existing gravity thickener will be rehabilitated.	4722	6/1/2024	$ 13,000,000	IL0031739
Wheaton S.D.	The secondary clarifier rehabilitation project consists of rehabilitating the clarifiers in their existing basins. Additionally, the rehabilitations will include installation of new mixed liquor piping, a new splitter structure, replacement of all clarifier mechanisms and components, and modifications to the sludge conveyance system to allow for increased RAS flows.	4723	6/1/2024	$ 7,000,000	IL0031739
	Projects with Planning Approval- Estimated Construction Start After March 31, 2024			**$ 495,928,397**	

NOT SCORED PROJECTS: PROJECTS WITHOUT PLANNING APPROVAL AS OF 3/31/2023					
Loan Applicant	**Project Description**	**L17#**	**Estimated Construction Start Date**	**Projected Loan Amount**	**NPDES Permit No.**
Ashmore	Construction of approximately 39,790 lineal feet of vacuum sewer main (3", 4" and 6") and laterals, a vacuum control station, 179 valve pits, a treatment facility, and appurtenances to supply sewer to an unserved community.	6567	1/31/2024	$ 4,727,481	
Atwood	Wastewater treatment and system improvements to replace/upgrade existing blowers with two new high efficiency blowers and diffusers new vertical bar screen to remove trash and large particles from sewer prior to treatment , lining of sewer mains and manholes. The new blowers will provide a more higher level of treatment to remove ammonia particles within the plant. The vertical bar screen will help take larger particles out of the sewage prior to treatment to help prevent unnecessary maintenance due to clogging or blocking during treatment. The lining of manholes and sewer mains will reduce infiltration from ground water and cost associated with treating access storm water.		3/1/2024	$ 2,000,000	IL0025097
Aurora	The City of Aurora (COA) is working on a LTCP Update to change our Combined Sewer Overflow (CSO) management strategy from storage and treatment to sewer separation in areas tributary to CSOs 1 and 4. A preliminary engineering study has determined that sewer separation construction is cost effective over storage and treatment, as well as the benefit of eliminating storage and treatment in perpetuity. COA is seeking loan funds over a 5 year period to install storm sewer to redirect roadway storm inlet flow from the combined sewer to the new storm sewer. The total cost of sewer separation in CSO 1 and 4 is estimated to be approximately $58,000,000. COA has started this construction effort in 2023 with local funds and is requesting approximately $54,000,000 in loan funds over the 5 year period from 2024 to 2029. This project is for year 4 of the 5 year plan.		7/1/2027	$ 8,321,250	
Aurora	The City of Aurora (COA) is working on a LTCP Update to change our Combined Sewer Overflow (CSO) management strategy from storage and treatment to sewer separation in areas tributary to CSOs 1 and 4. A preliminary engineering study has determined that sewer separation construction is cost effective over storage and treatment, as well as the benefit of eliminating storage and treatment in perpetuity. COA is seeking loan funds over a 5 year period to install storm sewer to redirect roadway storm inlet flow from the combined sewer to the new storm sewer. The total cost of sewer separation in CSO 1 and 4 is estimated to be approximately $58,000,000. COA has started this construction effort in 2023 with local funds and is requesting approximately $54,000,000 in loan funds over the 5 year period from 2024 to 2029. This project is for year 3 of the 5 year plan.		7/1/2026	$ 8,233,750	
Aurora	The City of Aurora (COA) is working on a LTCP Update to change our Combined Sewer Overflow (CSO) management strategy from storage and treatment to sewer separation in areas tributary to CSOs 1 and 4. A preliminary engineering study has determined that sewer separation construction is cost effective over storage and treatment, as well as the benefit of eliminating storage and treatment in perpetuity. COA is seeking loan funds over a 5 year period to install storm sewer to redirect roadway storm inlet flow from the combined sewer to the new storm sewer. The total cost of sewer separation in CSO 1 and 4 is estimated to be approximately $58,000,000. COA has started this construction effort in 2023 with local funds and is requesting approximately $54,000,000 in loan funds over the 5 year period from 2024 to 2029. This project is for year 2 of the 5 year plan.		7/1/2025	$ 10,407,500	
Aurora	The City of Aurora (COA) is working on a LTCP Update to change our Combined Sewer Overflow (CSO) management strategy from storage and treatment to sewer separation in areas tributary to CSOs 1 and 4. A preliminary engineering study has determined that sewer separation construction is cost effective over storage and treatment, as well as the benefit of eliminating storage and treatment in perpetuity. COA is seeking loan funds over a 5 year period to install storm sewer to redirect roadway storm inlet flow from the combined sewer to the new storm sewer. The total cost of sewer separation in CSO 1 and 4 is estimated to be approximately $58,000,000. COA has started this construction effort in 2023 with local funds and is requesting approximately $54,000,000 in loan funds over the 5 year period from 2024 to 2029. This project is for year 1 of the 5 year plan.		7/1/2024	$ 16,315,000	
Aurora	The City of Aurora (COA) is working on a LTCP Update to change our Combined Sewer Overflow (CSO) management strategy from storage and treatment to sewer separation in areas tributary to CSOs 1 and 4. A preliminary engineering study has determined that sewer separation construction is cost effective over storage and treatment, as well as the benefit of eliminating storage and treatment in perpetuity. COA is seeking loan funds over a 5 year period to install storm sewer to redirect roadway storm inlet flow from the combined sewer to the new storm sewer. The total cost of sewer separation in CSO 1 and 4 is estimated to be approximately $58,000,000. COA has started this construction effort in 2023 with local funds and is requesting approximately $54,000,000 in loan funds over the 5 year period from 2024 to 2029. This project is for year 4 of the 5 year plan.		7/1/2028	$ 10,462,500	
Bloomington	The Phase 8 Project consists of 4,710 feet water mains and 4,650 feet of new storm and sanitary sewer. Completion of this phase will allow for the elimnation of the Locust Street CSO with the final phase, a public health hazard.		4/1/2025	$ 5,700,000	
Bloomington	The Phase 9 Project consists of 2,150 feet of water mains and 4,000 feet of new storm and sanitary sewer. Completion of this phase will allow for the elimination of the Locust Street CSO, a public health hazard.		4/1/2026	$ 5,300,000	
Bloomington and Normal Water Reclamation District	Sewer and Manhole rehabilitation including point repairs and cured-in-plance lining of the BNWRD East Side Interceptor, Far West Sewer, and First Main Interceptor.		6/1/2024	$ 13,600,000	IL0027731
Bloomington and Normal Water Reclamation District	Installation of approximately 4,000 feet of new new sanitary sewer interceptor pipe to separate sanitary sewer from the existing combined sewer interceptor in a low-income block group as defined by the IEPA. The CSO separation will reduce the potential for flooding and basement backups in the Wood Street Sewer watershed.		12/1/2024	$ 5,000,000	IL0027731
Bloomington and Normal Water Reclamation District	Diesel Generator Replacement		9/1/2024	$ 5,000,000	IL0027731
Bloomington and Normal Water Reclamation District	Sanitary Relief CSO Elimination - The District will close CSO No. 13 which is located next to Sugar Creek.		1/1/2026	$ 7,000,000	IL0027731
Bloomington and Normal Water Reclamation District	Northwest Interceptor & North Normal Pump Station		1/1/2025	$ 40,000,000	IL0027731
Bloomington and Normal Water Reclamation District	The project consists of the design and construction of a new sanitary pump station and force main as part of the consolidation of the Clearview Sanitary District.		9/1/2024	$ 1,222,500	IL0073504
Breese	Construction of wastewater treatment plant improvements including replacement of the existing terminal lift station, and the addition of a moving bed biofilm reactor, tertiary filtration and UV disinfection.		4/1/2024	$ 8,000,000	22772

Byron	The proposed WWTP improvements will be designed to replace the exisiting aged treatment units with new treatment units while improving the existing effluent quality. Most of the existing treatment units are located withing the apparent flood plain of Rock River. The new treatment units will be located on the upland areas of the existing WWTP site outside of the apparent flood plain. These improvements will also modify the plant's existing secondary contact aeration biological process and secondary clarification process to new advanced Moving Bed Bio-Reactor (MBBR) treatment process and new Drum Filters based secondary clarification process. The maintenance building will also be replaced.	4253	4/1/2024	$ 25,000,000	IL0027804
Cambridge	Various upgrades to the Cambridge Sewer Treatment Plant to meet current and future needs along with upcoming regulatory requirements. Upgrades include new influent pipe lining and multiple improvements to the plants headworks building, aeration system, and effluent metering equipment.	3960	3/1/2024	$ 5,180,000	IL0061255
Carmi	The replacement of existing diffuser equipment at the Sewage Treatment Plant site. The project will consist of the replacement of existing diffusers in two tanks, replacement of airlines, decanters, and miscellaneous piping and blower unit rehabilitation.	6367	3/1/2024	$ 664,000	IL0027910
Carrier Mills	Sanitary Sewer Treatment Plant Improvements - The Village is proposing to make improvements to their sanitary sewage treatment plant to address current deficiencies and prevent harmful sewage overflows.	6527	2/1/2024	$ 3,455,000	ILG582014
Channahon	Construct a new 0.62 MGD wastewater treatment plant and effluent conveyance to the Illinois River.		10/30/2025	$ 10,500,000	IL0069906
Chicago	Parent loan for a new three-year contract for continuation of the Annual Sewer Lining Program. this program involves lining approximately 40 miles of mainline sewer annually up to 54" in diameter throughout the City.		1/1/2024	$ 50,000,000	
Chicago	Large Diameter Sewer Lining - Contract #2. this program involves lining approximately 4 miles of mainline sewer, ranging from 54 to 102-inch diameter, throughout the city.		2/1/2024	$ 25,000,000	
Clearview Sanitary District	The project consists of the lining sanitary sewer and manholes to ensure the system is structurally sound and I/I is reduced. It also includes the maintenance work necessary for the treatment lagoons to come within compliance.		9/1/2024	$ 2,183,000	IL0059412
Crossville	The Village is proposing to perform a sludge removal project at the Village's Sewage Treatment Plant location.	6579	3/1/2025	$ 813,000	ILG580211
Dallas City	Replace and relocate Lift Stations #4 (Discharge #003) and #6 (Discharge #004) to bring them out of the Mississippi River floodplain to significantly reduce the risk of sanitary sewer overflows at these locations. The project also includes rehabilitating Lift Stations #2 and #2 and adjacent gravity sewer mains and manholes to provide additional flood resiliency.	6083	1/17/2024	$ 3,200,000	IL0028312
DuQuoin	The City of Duquoin plans to rehabilitate the wastewater treatment plant by replacing digester equipment, SCADA system, and non-potable service water. The City also plans to add weir covers, aeration tank walkways and railing, UV disinfection system, and tertiary filtration. The UV disinfection system and tertiary filtration system additions are to be compliant with Illinois EPA mandates.		8/1/2024	$ 9,000,000	IL0028517
Dwight	West side sewer interceptor: this project will construct an 18" gravity sanitary sewer from the waste water treatment plant along the north side of the village to the existing lift station at watters drive and illinois route 17. this proposed sewer will serve current unsewered areas in the village, plus serving the unsewered areas west of route 66 and north of the norfolk southern railroad with sanitary sewer along with eliminating two existing lift stations.		5/1/2024	$ 3,804,000	IL0022641
Dwight	Waste water treatment plant improvements: modernization of the existing wastewater treatment plant along with adding a sludge belt filter press.		5/1/2025	$ 5,093,000	IL0022641
East Dubuque	The project includes approximately 3,000 lineal feet of 12-inch gravity sewer, 5,000 lineal feet of 8-inch gravity sewer an d7,000 lineal feet of 4-inch gravity sewer service line, construction engineering services, and other miscellaneous appurtenances will be included as part of this project as necessary. Ultimately the project will result in the extension of sanitary sewer to the 46 residential single-family households of the Indian Hills and Knaeble Court residential subdivisions that are currently on private wastewater treatment systems.		11/15/2023	$ 1,486,400	
Edwardsville	Replacement of approximately 9,300 LF of existing sanitary sewer with larger diameter sewer to eliminate infiltration and inflow experienced during rain events and provide more capacity in the sewer. The project will remove a constructed overflow pipe along the sewer.		1/1/2025	$ 7,250,000	IL0026310
Eldorado	The rehabilitation of two existing rotating biological contractor units within the Eldorado Wastewater Treatment Facility.	6394	3/1/2024	$ 988,750	IL0028649
Flagg Creek W.R.D.	Replace Bar Screen No. 1; install slide gates to isolate grit chambers in Junction Chamber A, manhole No. 2, and Grit Channels; raw sewage wet well rehabilitation; demolish abandoned gravity thickeners; construct new Anaerobic Structure for either RAS fermentation or anaerobic retention time for A2O process; convert aeration tanks from single-stage nitrification to A2O for BNR: modify aeration tanks 5&6 for aeration zone, convert abandoned aerobic digester No. 7 to swing zone for anoxic or aeration operation, and convert abandoned aerobic digester No. 8 to upstream anaerobic and downstream swing zone for anaerobic or anoxic operation; replace existing stop gates in the South Mixed Liquor Box with weir gates; replace Third Stage Clarifiers existing inboard trough effluent system with a peripheral concrete trough, circular weir & scum baffle, and mechanical weir cleaner; replace disk filter screen and install bypass gate; and install new WAS thickening equipment.	6306	1/8/2024	$ 19,010,000	IL0022586
Flagg Creek W.R.D.	Replace lift station built in 1960.	4436	11/1/2022	$ 1,500,000	IL0022586
Forrest	Construction of proposed WWTP improvements and upgrades will include secondary pump station replacement, a new chlorine contact tank, effluent manhole and meter, dewatering and dredging of the existing lagoon, automatic bar screen installation, chlorine room improvements, rock dam removal, repair as needed and replacement of secondary clarifiers and drives to provide enhanced redundancy and safety to the existing system during wet weather flow events.	6530	2/5/2024	$ 2,180,000	IL0028819
Geneva	The proposed project will replace the existing 20" sanitary sewer river crossing with two new 20" sanitary sewers to reduce the likelihood of sanitary sewer overflows. The project will also replace the existing influent screen with a new screening building.	6225	10/23/2023	$ 10,700,000	IL0020087
Geneva	The proposed project will replace the existing solids handling equipment with a new solids handling building, replace the existing UV disinfection system, and add a backup power system.	6226	10/23/2023	$ 27,000,000	IL0020087
Grand Ridge	Provide new sanitary collection system and wastewater treatment plan to serve an unsewered community.		7/1/2024	$ 10,400,000	
Heyworth	This project consists of improvements to reduce inflow and infiltration. Work consists of installing cured in place liners, joint grouting, manhole sealing, and point repairs of existing sewers.		1/1/2024	$ 2,500,000	IL0022993
Hopkins Park	Replace aged and failing equipment, and modernize 35-year old Wastewater Treatment Plant	4456	12/1/2023	$ 1,353,900	ILG580217
Jonesboro	The City of Jonesboro intends to make lagoon improvements such as: new flow meters, bar screen, aerators, access bridge and electrical components will be installed. The lagoon bank will then be stabilized, and riprap will be added.	6049	5/1/2024	$ 1,564,000	IL0029319

Kankakee River Metropolitan Agency	Expand existing WWTP capacity to service new growth. This includes a new fourth aeration train, new aeration blower, new mixed liquor splitter, two new final clarifiers, new RAS pumping building and pumps, rehabilitation of sludge storage tanks, new dewatering equipment and covered biosolids cake storage, sludge densification, bioaugmentation tanks, and associated piping, mechanical/electrical/site work. Equipment Replacement.	6755	7/9/2025	$ 80,000,000	IL0021784
Leland	Provide new sanitary collection system and wastewater treatment plant to serve an unsewered community.		7/1/2024	$ 16,250,000	
Lena	The proposed sanitary sewer lining improvements are designed to lower the level of infiltration and inflow (I/I) received a the WWTP by completing Cured-in-Place Pipe lining throughout the Village's sanitary sewer system.	4441	4/1/2024	$ 2,470,000	IL0024945
Lena	Phase I improvements will be made at the WWTP to help improve and streamline O&M. These improvements will consist of new screening, new influent pumps, new influent metering, new secondary clarifier, and excess flow lagoon maintenance.		4/1/2024	$ 1,950,000	IL0024945
Lockport	Phase 2 project involves increasing the WWTP's capacity at 6.2 MFD, 17.1 MGD DMF, and a peak flow with excess flow of roughly 26 MGD> Abandonment of old North Treatment Train. Addition of Biological Phosphorus Removal by modifying existing aeration tanks. New Influent Pump Station by repurposing the existing pump station and screen building with new submersible pumps. New primary clarifier splitter structure. new primary clarifier. New final clarifier. New return activated sludge (RAS) and waste activated sludge (WAS) pump station. New aerobic digesters with relocation of salt storage building. Replace digester blower in existing building. Repurpose anaerobic digesters for liquid biosolids storage. Construction of additional temporary biosolids storage to prove 150 days of storage.	4455	10/31/2025	$ 60,000,000	IL0029611
Markham	The proposed project involves the rehabilitation of the combines sewer within the Phase 1 area of the project area. Rehabilitation methods to be used include CIPP, lateral lining and spot repairs.	6396	10/28/2024	$ 2,626,716	
Metropolis	The project will complete the combined sewer separation work approved in the Long Term Control Plan, in order to reduce inflow & infiltration into the City's sanitary sewer system.	5072	1/1/2024	$ 11,300,000	IL0029874
Metropolitan Water Reclamation District of Greater Chicago	Contract 12-245-3P Fermentation and Ancillary Facilities for Biological Phosphorus Removal, Calumet WRP. The purpose of the contract is to provide facilities to support the full-scale enhanced biological phosphorus removal process at eh Calumet WRP. Enhanced biological phosphorus removal (EBPR) will be used to remove phosphorus from the treatment process. Existing tanks will be converted for use in this sidestream process. Mixers and baffles will be installed in the aeration tanks to create anaerobic and aerobic zones for EBPR. Pumps will be installed to divert a portion of RAS from each aeration battery for fermentation. Either primary tanks or gravity concentration tanks (GCTs) will be converted for use as fermentation tanks. Mixers will be installed in the fermentation tanks to keep RAS in suspension, and pumps will be installed to redirect the RAS back to the aeration tanks.	6038	5/6/2025	$ 6,000,000	IL0028061
Milan	The proposed Village of Milan WWTP project includes plant modification and additions to meet the anticipated flows and loads, as well as the anticipated state and federal water quality protection requirements. The modifications should result in increased treatment reliability and improved effluent quality. The design average flow for the Milan WWTP will not be changed as part of the proposed project. Forward flow upgrades to the existing WWTP includes: new influent screening, new submersible influent pumping, a new Aero-Mod packaged treatment system which includes aeration tanks incorporating biological nutrient removal (BNR) and final clarifiers, a new blower and chemical phosphorus removal backup building, and ultraviolet light (UV) disinfection. Solids upgrades include aerobic digestion/WAS storage tanks and a new solids dewatering building. A new administration/lab building, non-potable effluent plant water system and misc. electrical and site upgrades.	3608	9/2/2024	$ 25,700,000	IL0020214
Moline	The proposed project includes improvements needed to meet new phosphorus effluent regulations, improve energy efficiency and automation, improve treatment performance and reliability, and increase full treatment capacity for peak we weather flows. This includes: new influent screening, pumping, and grit removal, expansion of the activated sludge system with implementation of biological phosphorus removal, new secondary clarifiers, ultraviolet disinfection, hauled waste receiving, biosolids dewatering upgrades, and miscellaneous other improvements and demolition.	4362	11/1/2024	$ 69,980,000	IL0029939
Mount Morris	Replace the West Side lift station and construct approx 2,620 feet of 8" diameter sanitary force main.	1625	11/1/2024	$ 1,335,000	IL0030031
Naperville	The South Plant was assessed as part of the Springbrook WRC Facility Planning project. This project is to replace the existing grit and RAS process with new facilities sized to accommodate future increases in flow to the South Plant, and provide automatic grit washing system for easier disposal.	4131	11/1/2023	$ 8,700,000	IL0034061
Naperville	The South Plant was assessed as part of the Springbrook WRC Facility Planning project. Phase 1 project includes adding 2 aeration tanks, adding 2 clarifiers, and replacing existing blowers with high efficiency blowers.	4132	12/15/2023	$ 29,469,000	IL0034061
Naperville	Facilities at the Springbrook Water Reclamation Center were inspected in Fall 2020. Phase 2 construction of the Biosolids Holding Tank are required to meet future capacity at the facility.	4133	4/1/2025	$ 1,650,000	IL0034061
Naperville	The North Plant capacity upgrades and improvement project includes: repairing aging structures by replacing aerators with fine bubble membranes and high efficiency blowers, upgrading aeration and clarifiers at the North Plant, removal and replacement of associated electrical systems, process mechanical piping, HVAC and control systems.	4134	5/1/2026	$ 40,953,200	IL0034061
Naperville	The South Plant Capacity and Improvements Project (Phase 2) is to continue the previous phase of work and includes: 2 additional aeration tanks, 1 additional clarifier and additional high efficiency blowers.		1/1/2027	$ 26,059,000	IL0034061
North Shore Water Reclamation District	Design and construction of a new ultraviolet disinfection facility and effluent flow metering at the Gurnee Water Reclamation Facility, Waukegan Water Reclamation Facility, and Clavey Road Water Reclamation Facility. The new more reliable and energy efficient systems are replacing existing systems that are nearing the end of expected useful life and will no longer be supported by the manufacturer.	4496	4/1/2024	$ 26,600,000	IL0035092
Oglesby	The proposed project would provide an entirely new wastewater treatment plant, including excess flow treatment facilities and demolition of the old facilities.	3678	9/30/2024	$ 35,000,000	IL0024996
Ottawa	The project will include new gravity sewers to collect from the unsewered areas, a new pump station, and force main to transmit the flows to the new Fox River WWTP. The new Fox River WWTP will consist of new preliminary treatment headworks, biological nutrient removal, secondary clarifiers, tertiary filtration, chemical feed systems, and sludge digestion and storage treatment.	6297	8/31/2025	$ 29,900,000	IL0030382
Paris	City of Paris - Sewage System Improvements.	2287	7/1/2024	$ 10,650,000	IL0021377
Peru	The project will consist of installing a new trunk sewer from Plank Road north, across Interstate 80, to the lift station at Arby's. Approximately 10,095 LF of 27" sanitary sewer.		8/1/2024	$ 8,000,000	IL0030660
Pesotum	New wastewater collection and treatment system.	6528	9/24/2024	$ 11,600,000	

Pinckneyville	Construction of a new wastewater treatment plant including terminal lift station, headworks with grit removal, oxidation ditch, clarifiers, digesters and sludge treatment. Decommissioning of 2 existing wastewater treatment plants. Construction of a headworks and lift station industrial park.	5257		$ 17,700,000	IL0021997
Quincy	Phase 2 WWTP Rehabilitation. Replacement of existing grit removal system, including grit collectors, grit conveyors, grit aeration equipment, sluice gates; grit building structural and roof repairs; grit building ventilation system replacement; grit building electrical system replacement; and construction of grit washing system.	4137	4/8/2024	$ 3,000,000	IL0030503
Quincy	Phase 3 WWTP Rehabilitation. Construction of a fine screen system, screenings washing & compacting, screenings conveyance and screen building renovations.	4138	4/7/2025	$ -	IL0030503
Quincy	Phase 4 WWTP Rehabilitation. Replacement of sludge thickening and sludge digestion systems.	5527	4/6/2026	$ 7,000,000	IL0030503
Quincy	Construction of dewatering systems for biosolids and water treatment plant sludge (lime softening residuals). Construction of aerated static pile composting system for biosolids, landscape waste and paper/cardboard, including waste stock shredding and conveying system; aerated static pile structures, blowers and control equipment; and finished product screening, conveying and storage systems.		9/9/2024	$ 5,000,000	IL0030503
Roselle	Devlin WWTF Biological Phosphorus Removal and Expansion Project - The project consists of 4 major improvements including grit system rehabilitation, secondary clarifier replacement, A20 biological process modification and expansion with a new chemical feed building, and a disinfection system conversion from chlorine disinfection to UV disinfection.	6366	3/15/2026	$ 49,000,000	IL0030813
Roselle	Botterman STP Biological Phosphorus Removal Project. The project consists of 3 major improvements including Headworks Improvements, Clarifier Rehabilitation, and Oxidation Ditch BNR Modification (an AlternatIR system retrofit) with a new chemical feed building.	6358	3/15/2025	$ 12,500,000	IL0048721
South Beloit	The proposed project will include the construction and installation of equipment at the existing WWTP to allow for the production of USEPA 502 regulation Class A biosolids.	6382	8/1/2024	$ 3,424,200	IL0021156
South Beloit	This proposed project will include the demolition and elimination of two existing lift station and replacing them with a singular station which will handle the respective flow of wastewater. Additional work included in this project will be the installation of new gravity sanitary sewer, as well as direct boring of a new force main from the new lift station, under the Rock River and the Canadian Pacific Railroad, which will then discharge into South Beloit's wastewater treatment plant.	3562	8/1/2024	$ 6,219,200	IL0021156
St. Jacob	Lining of VCP sewers in Village	4377	11/1/2023	$ 1,500,000	IL6580212
St. Joseph	The project involves the construction of approximately 2,200 ft of 54-inch diameter storm sewer along Douglas St from near the intersection of Douglas St and Main St, to the wetland. This project will alleviate an existing storm sewer and associated flooding within the Village. All work will be performed in previously disturbed area. Surface restoration will be included to match the existing surface conditions. The discharge point of the trunk sewer will be located north of Elm St where the oxbow channel heads west to the Salt Fork River.	6242	7/1/2024	$ 3,700,000	IL0023086
Thorn Creek Basin S.D.	Phased construction projects to include phosphorus removal and a variety of capital improvement projects throughout the District facilities for equipment replacement, structural rehabilitation, and electrical/control improvements.		5/30/2025	$ 50,000,000	IL0027723
Thorn Creek Basin S.D.	Convert existing anaerobic digestion, including new digester covers, new blower building, and diffused aeration equipment. Construct new building to house new dewatering equipment, polymer feed system, biosolids conveyance equipment, and truck bays. Construct new covered biosolids cake storage building.		9/8/2025	$ 46,000,000	IL0027723
Troy	Expansion of the treatment facility and construction of Northern Interceptor to eliminate 4 lift stations.		9/30/2023	$ 22,000,000	IL00314888
Washington	This project involves design and construction of a new sanitary trunk sewer and influent pumping station in the City of Washington. The location of the new trunk sewer will be on the south side of the City and south of the Toledo, Peoria, and Western Railway lines between the City's existing sanitary treatment plant, STP-1 on Woodland Trail and STP-2 at 955 Ernest Street.	5813	7/1/2024	$ 13,145,050	IL0024881
Wauconda	Wastewater treatment facilities improvements: Decommissioning and demolition of trickling filter process and associated facilities; expansion of the activated sludge process, and conversion to A2O process for biological nutrient removal. Improvements include new aerobic/anoxic/anaerobic tanks with blowers, mixers, diffusers, etc.; new mechanical fine screen in the headworks; new tertiary filters; influent pumping improvements; excess flow storage and pumping facilities; laboratory improvements; and associated site work.	6586	3/1/2026	$ 20,000,000	IL0020109
Westfield	Construction of Sewer Network and Wastewater Facility. Currently the PPR is being amended to address the use of a vacuum collection system as opposed to a grinder system. Costs have been increased to account for infiltration since the original PER was submitted in 2019 and also carried out to the proposed construction date of July 2024.	5923	7/1/2024	$ 10,174,000	
Wonder Lake	Project will include the addition of 39 properties in the business district of Hancock Drive in Wonder Lake to the Village's wastewater collection system that discharges into the Thatcher Meadows WWTP. A new lift station will be installed to convey the flow. The properties are currently served by failing septic systems.		11/1/2024	$ 7,000,000	IL0077836
Wood River	The purpose of the proposed 9th street detention pond project is to relieve flooding in an area within the City of Wood River. The City currently has a desire to both reduce flooding events and revise existing National Flood Insurance Program (NFIP) maps through a request known as a Conditional Letter of Map Revisions (CLOMR), which will be followed up by post construction, as-built, services to obtain the Letter of Map Revision (LOMR) through the Federal Emergency Management Agency (FEMA).	6595	6/15/2023	$ 8,000,000	IL0031852
	Projects without Planning Approval			**$ 1,172,670,397**	
	FY24 IFL with Funds Reserved through Dec 31, 2023		459,793,006		
	Funds Exhausted but projects scored		461,347,913		
	Projects with Planning Approval- Construction start date 3/31/24		495,928,397		
	PWSLP projects which did not have planning approval prior to March 31, 2023		1,172,670,397		
			2,589,739,713		