

State of Michigan

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Drinking Water State Revolving Fund Intended Use Plan Project Priority List Fiscal Year 2021

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INTRODUCTION

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), through the Finance Division, administers the Drinking Water State Revolving Fund (DWSRF). The DWSRF program details are set forth in Part 54, Safe Drinking Water Assistance, MCL 324.5401-324.5421, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451). In addition, the Michigan Finance Authority (Authority) is charged with administering DWSRF funds through the Shared Credit Rating Act, 1985 PA 227, as amended (Act 227).

The DWSRF provides reduced interest rate loan financing to qualified water suppliers to finance construction or improvements of public water systems. Projects may include new wells, new water treatment plants, storage facilities, upgrades or expansions to existing facilities, transmission lines, pumping facilities, removal and replacement of lead service lines and other related waterworks system improvements. Suppliers must meet federal and state program requirements, as well as demonstrate their ability to publicly finance their project and retire project debt. In addition to the loan provided by EGLE, suppliers also have the option to pay for part of their project with cash and other resources.

This Intended Use Plan (IUP) describes how EGLE will administer all available DWSRF funds during FY 2021. An IUP is a required part of the process to request the federal 2020 capitalization grant, which will be matched with 20 percent in state match funds. The 2020 capitalization grant allotment for Michigan is \$27,029,000. The Water Infrastructure Financing Section (WIFS) of the Finance Division is charged with program administration responsibilities. The Community Water Supply Section (CWSS) of the Drinking Water and Environmental Health Division (DWEHD) accesses project scoring, issues necessary construction permits, and offers technical review and assistance throughout project planning, design, and construction. Financial administration of the program is jointly administered by the Authority and the Finance Division.

This IUP includes details on specific project financing and identifies amounts to be set aside from federal capitalization grants for other uses authorized under the federal Safe Drinking Water Act (SDWA) and Part 54 of Act 451. EGLE certifies that it is recognized by the U.S. Environmental Protection Agency (EPA) as the primary agency for management of the DWSRF program. The priority points system used to score and rank projects is established in Part 54, Safe Drinking Water Assistance, MCL 324.5401-324.5421.

FY 2021 Funding

The FY 2021 fundable range for DWSRF projects has been established at \$275,000,000. EGLE received project plans from 28 applicants totaling \$247,310,000. Additionally, there are 20 projects, totaling \$381,720,000, requesting DWSRF financing in future years (FY 2022 and beyond).

The 2020 federal capitalization grant for Michigan is \$27,029,000. Congress mandates that states must use 14 percent (\$3,784,060) of the capitalization grant as additional subsidization to eligible recipients. In addition, the Safe Drinking Water Act (SDWA) mandates that states use at least 6 percent (\$1,621,740) but not more than 35 percent (\$9,460,150) of the capitalization grant as additional subsidization to state-defined disadvantaged communities. Michigan is applying all additional subsidization as principal forgiveness. DWSRF disadvantaged communities are defined in Part 54, Safe Drinking Water Assistance, MCL 324.5402.

The table below illustrates the minimum and maximum additional subsidization allowed this year.

Capitalization Grant Subsidization Requirements

Capitalization Grant	Congressional Subsidization (Mandatory)	SDWA Disadvantaged Minimum	SDWA Disadvantaged Maximum	Max Total Subsidization Allowed	Total Subsidization Michigan is Providing
\$27,029,000	\$3,784,060	\$1,621,740	\$9,460,150	\$13,244,210	\$10,257,348

Additional Subsidization

As discussed above, the provision of additional subsidization remains a requirement of the SDWA and acceptance of the capitalization grant. EGLE is allocating all additional subsidization in the form of principal loan forgiveness allowing applicants that qualify to forgo loan repayments for a portion of their financed amount.

EGLE is allocating \$10,257,348 in principal forgiveness to projects in FY 21. Projects that qualify under the DWSRF disadvantaged criteria will receive 9-percent of their total estimated financed amount as principal forgiveness. Projects that are undertaking lead service line removal (LSLR) work will receive 4-percent of their estimated LSLR related work as principal forgiveness. Note, some projects will receive principal forgiveness in both categories.

Principal Forgiveness Allocation for Disadvantaged Applicants

Applicant	Estimated Total Project Cost	Principal Forgiveness
Bay City	\$2,005,000	\$180,450
Benton Township	\$9,410,000	\$846,900
Bessemer	\$705,000	\$63,450
Calumet Township	\$450,000	\$40,500
Escanaba	\$20,000,000	\$1,800,000
GLWA/DWSD	\$21,000,000	\$1,890,000
Grand Rapids	\$4,165,000	\$374,850
Highland Park	\$19,200,000	\$1,728,000
Ironwood	\$9,724,000	\$875,160
Kaleva	\$420,000	\$37,800
McBain	\$520,000	\$46,800
Muskegon	\$5,025,000	\$452,250
Wakefield	\$220,000	\$19,800
Howell	\$1,400,000	\$126,000
Total		\$8,481,960

Principal Forgiveness Allocation for Lead Service Line Removal Projects

Applicant	Estimated LSLR Project Cost	LSLR Principal Forgiveness
Lake Orion	\$532,000	\$21,280
Bay City	\$2,005,000	\$80,200
Bessemer	\$705,000	\$28,200
Escanaba	\$15,000,000	\$600,000
Ferndale	\$3,710,000	\$148,400
GLWA/DWSD	\$4,000,000	\$160,000
Grand Rapids	\$4,165,000	\$166,600
Rochester	\$108,790	\$4,352
Livonia	\$510,000	\$20,400
Highland Park	\$7,925,400	\$317,016
Kaleva	\$420,000	\$16,800
McBain	\$520,000	\$20,800
Howell	\$100,000	\$4,000
Menominee	\$1,137,500	\$45,500
Muskegon	\$2,546,000	\$101,840
St Joe	\$1,000,000	\$40,000
Total		\$1,775,388

Water Infrastructure Funding Transfer Act

On October 4, 2019, the Water Infrastructure Funding Transfer Act (S. 1689) (WIFTA) was signed into law. This statute temporarily expands the Clean Water State Revolving Fund (CWSRF) transfer authority specifically to address lead-related public health threats. WIFTA authorizes states to transfer no more than five percent of the amount of the state's cumulative CWSRF federal grants to the state's DWSRF. Funds transferred must be used as additional subsidy in the form of principal forgiveness, negative interest loans, or grants to address lead in drinking water. States may make transfers under this authority until October 5, 2020. Once transferred, funds should be committed and expended in an expeditious and timely manner.

EGLE is choosing to exercise their full transfer authority of \$102,175,063 and apply this in the form of principal forgiveness to disadvantaged communities undertaking LSLR projects. Beginning in FY 2022, DWSRF applicants that are scored and ranked, and qualify as a disadvantaged community under Part 54, Safe Drinking Water Assistance, MCL 324.5402, will be eligible for 100 percent principal forgiveness. Maximum principal forgiveness per applicant will be based on three tiers defined by the population served by a water system. Maximum principal forgiveness amounts have initially been set as follows: for populations served below 50,000 the maximum will be \$3,000,000, populations served between 50,000 to 99,999 the maximum will be \$5,000,000 and for populations served at or above 100,000 the maximum will be \$10,000,000.

The Authority and Finance Division have performed capacity analyses and determined the transfer of these funds will not significantly impact the CWSRF program.

STRUCTURE OF THE DWSRF

Due to an increase in demand in FY 2020, EGLE began operating the DWSRF as a leveraged program. The state will sell State Revolving Fund revenue bonds that are secured by federal and state assets (i.e., federal capitalization grant, required state match, loan repayments, and interest

earnings). Bond issuance costs are covered by the bonds sold and, thus, are not identified as direct administrative expenses of the DWSRF. Historically, bond issuance costs are appropriately one percent of the total bond issue. Project costs of the local units of government are reimbursed from the bond issues. For borrowers who are non-municipal entities, limitations on private activity from tax-exempt issues would require EGLE and the Authority to fund private water suppliers from funds other than tax-exempt revenue bonds. These loans would be made as direct loans with a letter of credit supplied by the private borrower or through a partnership with a private lending institution with the state providing an insurance annuity. There are no private, non-municipal water suppliers on the FY 2021 Project Priority List (PPL). Bond revenue is a mechanism that allows the DWSRF the ability to maximize funding requests as the need for DWSRF financing continues to increase.

Cross-Collateralization

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) and the Michigan Finance Authority (MFA) have, through the bond documents governing the issuance of leveraged bonds, implemented cross-collateralization between the Clean Water State Revolving Fund (CWSRF) and the Drinking Water State Revolving Fund (DWSRF) by providing for the investment of eligible surplus funds available in the CWSRF to enhance the security for leveraged bonds for the DWSRF and the investment of surplus funds available in the DWSRF to enhance security for leveraged bonds for the CWSRF. Cross-collateralization aids both programs by enhancing bond ratings and lowering borrowing costs.

Set-Asides

Set-asides in the DWSRF are derived from the capitalization grant awarded to the state by the EPA. Set-asides are designated for specified uses within the DWSRF. The set-asides for program and other activities are directly administered by the Environmental Health Section (EHS) of the Drinking Water and Environmental Health Division (DWEHD) of EGLE. DWEHD staff are also responsible for the technical assistance activities.

ALLOCATION OF FUNDS

The establishment of a fundable range for any given fiscal year entails a series of steps that culminate in a determination of how much fund resources could support. Using a series of assumptions (DWSRF loan rate, return on investment rates, and level of capitalization) the process for FY 2021 is outlined below:

EGLE reviewed the total amount of loans committed through September 30, 2020.

- Total loan commitments through 9/30/2020 (including expected repayments and forgiveness) \$1,246,401,712
- Total open loan commitments with expected payments to communities through 9/30/20 \$232,397,860

EGLE assumes that the new federal capitalization grant and the appropriated state match will remain constant until 2021. However, it should be noted that EGLE has no assurance of state general fund monies to match federal funds beyond the 2020 capitalization grant. Five million dollars of general funds has been requested as part of the budgetary process to be available for use in FY 2021 to match the 2020 capitalization grants. Remaining state match needed will come from interest earnings, state match bonds, and civil fines.

Michigan was appropriated \$27,029,000 in DWSRF federal capitalization grant funds for use in FY 2021.

2020 capitalization grant for loans (total grant is \$27,029,000)	\$15,491,770
General fund match (anticipated appropriation)	\$5,000,000
Interest earnings, state match bonds, civil fines	\$405,800

EGLE also looked at how much the DWSRF could support using a ten-year financial forecast at varying capitalization levels and interest rates.

ADVANTAGES OF THE DWSRF

The primary advantage for Michigan water suppliers is their ability to borrow funds at interest rates below market and the potential for allocation of principal forgiveness. The DWSRF interest rate is established prior to each new fiscal year. As identified in Part 54 of Act 451, determination of the interest rates is based on loan demand, market conditions, program costs, and future needs.

FY 2021 Interest Rates

Loan Term	Rate
20-year loan term	1.875%
30-year loan term	2.125%
40-year loan term (disadvantaged applicants only)	1.875%

Applicants can select the loan term that best works for them. The useful life of the project must meet or exceed the loan term chosen.

Interest rates are developed taking into consideration external market conditions as well as impacts upon the DWSRF and the ability for the fund to maintain a position that allows future availability. Subsidization amounts were determined based upon EPA guidance as well as the impact to the DWSRF fund balance and its ability to remain in a position to meet future programmatic needs.

PROGRAM GOALS

Michigan's DWSRF establishes a financing source designed to protect and preserve public health within the state's boundaries. Michigan's geographical identity as a Great Lakes state affords its residents with an abundant and high-quality water resource from which to draw its drinking water. Unlike many states, Michigan has plentiful supplies of fresh water with few periods of restricted use. The great challenge for water suppliers lies in protecting the high quality of the resource, as well as ensuring that adequate volume and pressure exist to deliver potable water to the customer.

To this end, Michigan's DWSRF has the following long-term goals:

Goal: *Provide low-cost financing for waterworks system improvements or upgrades while maintaining the perpetuity of the DWSRF.*

The Authority uses a financial advisor to guide decisions on financing levels, interest rates, and other financing terms. Michigan looks to balance the goals of

meeting the capitalization grant requirements while maintaining the DWSRF in perpetuity.

Goal: *Continue effective partnerships with other federal and state financing sources to promote efficiency in environmental review procedures and coordination of funding.*

Given the limitations on pooled capital, EGLE continues to work together with various federal and state agencies, such as the U.S. Department of Agriculture - Rural Development, Rural Community Assistance Program, the Michigan Department of Health and Human Services, Michigan Economic Development Corporation and the Michigan Department of Transportation, so that we may collectively finance and fund qualifying projects and maximize use of our capital pool to achieve stated goals.

Goal: *Maintain statewide compliance with all applicable state and federal drinking water laws, rules, and standards while protecting the public health and environmental quality of our state.*

EGLE will use DWSRF set-aside funding to: maintain source water assessment, wellhead protection, and source water protection programs; assist economically-disadvantaged communities in meeting drinking water standards; and apply a capacity assessment program for all new and existing community and nontransient, noncommunity water supplies.

Goal: *Increase use of the DWSRF program.*

EGLE will continue to use outreach methods such as electronic media and informational meetings and conferences to publicize and encourage the use of the DWSRF to meet the infrastructure needs of communities.

In order to accomplish the long-term goals, we must also focus on more immediate objectives. Therefore, our short-term goals in FY 2021 are:

Goal: *Secure Michigan's full share of federal funding and to expeditiously obligate these monies, along with the state contribution.*

EGLE has prepared and identified on the FY 2021 PPL all projects that are willing and able to progress to loan closing consistent with a project milestone schedule for the construction of eligible facilities. All projects receiving DWSRF funds in FY 2021 will issue a Notice to Proceed within 60 days of the loan closing.

Goal: *Ensure that the requirements of the 2020 capitalization grant are met, including those that are imposed on local borrowers.*

The Congressional 14 percent mandated additional subsidization (\$3,784,060) will be split between LSLR projects (\$1,775,388) and disadvantaged communities (\$2,008,672).

The remaining additional subsidization being allocated (\$6,473,288) will be applied to disadvantaged communities as required under the SDWA. This amount is just under 24 percent of the capitalization grant which falls between the

minimum 6 percent and maximum 35 percent SDWA requirement.

All DWSRF applicants are required to pay their workers the federal Davis-Bacon wage rates for their job classification and comply with the American Iron and Steel and EPA signage requirement.

SET-ASIDES – DISTRIBUTION OF FUNDS

EGLE has established the set-asides and requests funding for each set-aside based on what is needed to effectively administer the public drinking water programs, to enhance public health protection, and the protection of surface and ground waters through additional non-regulatory programs, projects, and activities. EGLE has become more dependent on the funding provided by the set-asides to fund staff and technology upgrades needed to effectively administer the programs.

DWEHD continues to need additional staff resources to adequately oversee water system compliance and to be involved with the development of information technology projects, with the mission of protecting public health. While additional State resources were announced, the economic outcomes and unknowns from the COVID-19 Pandemic has placed EGLE and the State of Michigan in a hiring freeze.

In FY 2020, the DWEHD workload continued to increase. This is due to activities such as our response to the statewide Per- and Polyfluoroalkyl Substances (PFAS) sampling effort, preparation for possible Michigan-specific PFAS rules and Maximum Contaminant Levels, and implementation of the new Michigan Lead and Copper Rule.

Also, in FY 2020 DWEHD started working with a contractor to begin the long anticipated and planned Information Technology Modernization Project, named Michigan Environmental Health and Drinking Water Information System (MiEHDWIS). A goal of MiEHDWIS is to modernize the Division's multiple, existing permitting, licensing, and compliance IT systems. The system will replace some DWEHD data systems, while integrating with others, such as existing and upcoming Federal IT applications and off the shelf software for the management and oversight of public water systems.

In FY 2021, DWEHD will continue to devote resources to MiEHDWIS continuing with Phase 1 and planning and beginning Phase 2. In general, MiEHDWIS will feature:

- secure document submittal portal for PWS
- electronic document/records management for DWEHD
- online permitting
- dashboards and reporting for EGLE, PWS and the public
- integration with ePlanSoft for electronic construction plan reviews,
- and integration with existing State of Michigan systems, like GIS Mapping and invoicing
- integration with existing PWSS data systems, such as SDWIS/State

SDWIS/State is an EPA data system used by many states and EPA regions to track PWSS program activities. MiEHDWIS integration with SDWIS Prime, (EPA's planned replacement for SDWIS/State) remains an integral part of Michigan's

overall IT modernization plan. SDWIS Prime is where CWS/NCWS inventory; sampling/compliance schedules; analytical results; site visits; violations/enforcement actions will be stored.

MiEHDWIS is in addition to other DWEHD IT projects described in the document and in the set-aside workplans. These include piloting and potential purchase of existing Software as a Service (SaaS) subscriptions for PWSS sanitary surveys, report development and operator certification tracking. These applications are currently utilized by other States and would be tailored to meet Michigan's unique needs. Throughout the IT Modernization process, subject matter experts are involved in decisions regarding development and functionality. Training of both internal and external users of the system(s) will be provided.

Each year Michigan is required to submit detailed work plans to the EPA for approval describing how each set-aside fund will be expended or the amount to be reserved. Draft work plans for the FY 2021 set-asides were submitted to the EPA in late summer 2020, and final workplans submitted September 2020.

Administration

Up to four percent of the federal capitalization grant can be used to administer the DWSRF fund. Michigan intends to utilize the full four percent from the 2020 grant, which is \$1,081,160. Any funds not utilized in FY 2021 will be retained on account for administration costs in future years.

Michigan intends to utilize our Administration set aside reserve authority from the 2017 grant, which is \$1,026,080. These funds will be targeted toward DWEHD's Information Technology Modernization project. The project will provide much needed real time information to public water systems and the public. This will reduce the FY 2020 capitalization grant available for making loans to applicants.

Small Systems Technical Assistance

EGLE is requesting two percent of the 2020 grant, or approximately \$540,580 for small system technical assistance. These funds will support staff that provide technical assistance to small public water systems. This work includes, but is not limited to:

- Providing technical assistance to local health department (LHD) staff responsible for implementation of the Noncommunity Water Supply (NCWS) in Michigan.
- Assisting LHD staff in providing direct technical assistance to NCWS owners and operators, registered well drillers, and pump installers.
- Overseeing the work conducted by the LHDs to implement the NCWS throughout Michigan.
- Assisting small Nontransient, Noncommunity Public Water Supplies, formerly on an arsenic bottled water agreement, gain compliance with the arsenic maximum contaminant level by installing water treatment systems or using some other compliance option.
- Reviewing engineering plans and issuing permits for treatment systems at NCWSs. Also provide direct assistance to small public water supplies that are treating for PFAS.

- Providing direct assistance to small public water systems that employ treatment to comply with drinking water standards, primarily those that treat for arsenic and for nitrates.
- Providing direct assistance to facilities that are exploring, or have installed, secondary treatment for public health purposes therefore becoming a small public water supply.
- Conducting one-on-one or group technical training for LHD staff, NCWS owners and operators, and other stakeholders involved in the operation and maintenance of small systems. This technical training typically focuses on:
 - Sampling and monitoring practices;
 - Completing the preliminary Distribution System Materials Inventory (DSMI) under the Michigan Lead and Copper Rule;
 - Performing Revised Total Coliform Rule Level 1 Assessments and Seasonal Start Up Procedures;
 - Compliance with NCWS regulations or Michigan’s well construction code;
 - Investigatory techniques used to identify a problem with a NCWS or well, and remedies to correct a given problem;
 - Cross connection control, including proper use and maintenance of control devices; and
 - Properly completing and submitting all required documentation or certifications, such as monthly operation reports.
- Assisting LHDs, NCWSs, and consultants involved with the development and operation of small systems, with understanding rule and code requirements to improve compliance rates.
- Drafting technical guidance documents, fact sheets, brochures, or forms that can be used by the LHDs or distributed to NCWSs, well drillers, and pump installers to help improve or maintain compliance with applicable regulations.
- Administering Michigan’s NCWS database, WaterTrack.
- Providing clerical, managerial, and administrative support to the scientific and engineering staff performing the activities listed above.

In addition, the funds in this set-aside will be used in FY 2021 for the following program activities:

- Training for the LHD staff responsible for implementation of the NCWS program in Michigan.
- Necessary enhancements and ongoing maintenance of the database system, WaterTrack, which houses all the NCWS program data.

Michigan intends to utilize our Small Systems Technical Assistance set aside reserve authority from the 2017 grant, which is \$256,520. These funds will be targeted toward DWEHD’s Information Technology Modernization project. The project will enhance DWEHD’s administration of the DWSRF Program and set aside activities, and will provide much needed real time information to public water systems and the public

Program Set-Asides

EGLE is requesting funds for one state program management set-aside in the 2020 grant, the Public Water System Supervision Program. The following is a breakdown of the projected amount:

Public Water System Supervision

EGLE requests \$2,702,900, or 10 percent of the 2020 grant, to support staff and the existing scope of the Public Water System Supervision Program. This work includes, but is not limited to:

- Maintain an inventory of public water supplies in Michigan including small systems.
- Providing compliance assistance to public water supplies.
- Conducting sanitary surveys and surveillance visits at public water supplies.
- Issuing permits for new construction or for modifications.
- Assessing public water supply compliance with the federal SDWA, the National Primary Drinking Water Standards, Michigan's Safe Drinking Water Act, 1976 Public Act 399, as amended (Act 399), and the Administrative Rules.
- Initiating escalated enforcement actions, when indicated, to compel a public water supply to comply with applicable federal and state drinking water regulations.
- Maintaining program data and submitting reports to the United States Environmental Protection Agency (EPA) as required.
- Maintaining a drinking water Operator Training and Certification Program.
- Drafting Michigan's Annual Capacity Development Report and the triennial Capacity Development Report to the Governor.
- Providing clerical, managerial, and administrative support to the scientific and engineering staff performing the activities listed above.

In addition, the funds in this set-aside will be used in FY 2021 for the following program activities:

- Local health departments with noncommunity water supply compliance assistance program work.
- Continue to work with Eastern Research Group (ERG) and their subcontractor Global Environmental Consultants (GEC), to prepare for the migration to the Safe Drinking Water Information System (SDWIS) Prime and the Compliance Monitoring Data Portal (CMDP).
- Pilot, test, and possibly purchase Software as a Service (SaaS) subscriptions for applications that will be utilized for PWSS sanitary surveys, report development and Operator Certification Tracking.

Michigan intends to utilize our Public Water System Supervision set-aside reserve authority from the 2017 grant, which is \$1,795,640. These funds will be targeted toward DWEHD's Information Technology Modernization project. The project will enhance DWEHD's administration of the DWSRF Program and set-aside activities and will provide much needed real time information to public water systems and the public.

Wellhead Protection (Section 1452(k))

EGLE is requesting \$2,702,900 for the Wellhead Protection set-aside from the 2020 grant, approximately 10 percent of the 2020 grant. The amount requested will be used to support staff responsible for the following work:

- Coordination with other departmental programs, state, and federal agencies, in the development and integration of drinking water protection strategies. In particular, Water Resources Division, Remediation and Redevelopment Division, and Department of Health and Human Services on lead, PFAS, and Harmful Algal Blooms (HAB). This coordinated approach benefits both the public water supplies and the public.
- Developing and maintaining a database to house results of monitoring efforts related to prioritized nonregulated drinking water contaminants and issues of emerging concern.
- Updating and distributing technical guidance related to PFAS contamination in drinking water from groundwater supplies including fact sheets, information for distribution to stakeholders and public, including communication routes like the EGLE MiEnvironment bulletin.
- Managing and maintaining Wellogic, Michigan's on-line water well data system.
- Provide training and oversight to Michigan Geological Survey in their work (contracted using state funds) to enter well construction records into Wellogic and update existing records in Wellogic. Continue ongoing process for quality control and quality assurance of information entered into Wellogic.
- Continuing and expanding the implementation of source water select cyanotoxin screening and source water assessment methodology for surface water sources.
- The set-aside funds will be utilized to provide technical assistance to supplies, including prompt assistance if any cyanotoxins are detected in the raw or finished tap. Data will be reviewed as it becomes available with public health protection as the primary objective. State of Michigan funding will be proposed for sample collection and analysis. Biweekly sampling from July thru October 2021 of surface water sources utilized by Community Water Supplies. Raw and finished water samples will be collected. The samples will be analyzed for microcystins and nodularins, cylindrospermopsin, and anatoxin-a for systems detecting cyanotoxins. All other surface water systems will collect for the analysis for microcystins only. When the sampling effort concludes, the complete data set of this voluntary sampling effort will be reviewed for successes, improvements, and lessons learned in an effort to continue to receive support for this sampling.
- Educating public water supplies about the Source Water Protection Matching Grant Program and providing assistance to communities in the development and implementation of a protection plan.
- Administering the Source Water Protection Matching Grant Program. Implementing the recommendations from the LEAN process improvement effort completed regarding the grant process. These recommendations will improve efficiency and emphasize high impact activities. Develop a five-year plan for grant program growth.
- Updating Source Water Assessment Programs (SWA) for Community Water Supplies and Noncommunity Water Supplies. Providing education and outreach on wellhead protection, including providing delineations of wellhead protection areas to Community Water Supplies and Nontransient, Noncommunity Water Supplies (NTNCWS).
- Reviewing and processing Local Health Department (LHD) SWAs submitted by the LHDs. DWEHD technical staff who will track the updating

of the assessments and determine if the NTNCWSs qualify for substantial implementation of source water protection activities.

- Technical staff will develop an outreach strategy and materials for water systems identified as high risk in the SWA process. The strategy will include informing the system of why their system is rated as high risk, i.e., geologic setting, chemical results, lack of information, etc. and what steps they can take to protect their sourcewater.
- Reviewing and approving traditional wellhead delineations submitted by Community Water Supplies.
- Provide geologic and hydrogeologic technical assistance to communities developing new water supplies in areas where the Water Withdrawal Assessment Tool indicates a limited supply of water available within the watershed.
- Attending ongoing training, tools and trends in areas of groundwater protection and source evaluations, including new GIS technologies and in the field data collection applications.
- Registering well drillers and pump installers to ensure they are qualified to construct wells or install well equipment, according to Michigan's well construction code requirements. Ensuring wells are constructed to code, initiating enforcement for compliance, or revoking a registration from a well driller or pump installer when necessary.
- Collaborating on issues, training, and projects identified by members of the Director's Water Well Advisory Committee.
- Administering the Onsite Wastewater Program, including evaluating each LHDs Onsite Wastewater Program for consistency and assurance that minimum Program requirements are met.
- Promoting the need for a Statewide Sanitary Code and assisting with efforts to promulgate one.
- Reviewing construction plans and issuance of permits for onsite wastewater installations or modifications at campgrounds to ensure appropriate site suitability, installation, and operation.
- Evaluating and approving the use of new technologies for treatment of onsite wastewater.
- Administering the Septage Waste Program, including the licensing of septage waste haulers and permitting of land application sites.
- Providing technical training and assistance to public water supplies, LHDs, well drillers, pump installers, onsite wastewater treatment industry professionals, and septage waste haulers.
- Providing clerical, managerial, and administrative support to the scientific and engineering.

Local Assistance for Capacity Development (Section 1452(k))

EGLE is requesting approximately \$1,351,450 or five percent of the 2020 grant, for the Local Assistance for Capacity Development Set-Aside for staff and other source water protection activities. The staff funded by this set-aside are responsible for providing direct technical

assistance to public water supplies to enhance and maintain their technical, managerial and financial capabilities. Specific duties include:

- Assisting public water supplies in acquiring and maintaining capacity as outlined in Michigan's Capacity Development Strategy for Existing Water Systems, dated August 1, 2000.
- Providing technical guidance related to Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) detections and assisting public water supplies vulnerable to PFAS, including providing information and guidance related to treatment

- technologies, alternate sources, additional sampling, education, and communication.
- Educating water supplies and operators on the new Michigan Lead and Copper Rule requirements, including inventory, sampling, corrosion control optimization and lead service line removal.
 - Receiving and reviewing monitoring data and making associated compliance determinations in a consistent and coordinated manner. Educating water supplies about proper sampling methodologies and timely and complete submittal of data to ensure that any exceedances are addressed.
 - Providing guidance to assist supplies in preparing required reports to ensure that they meet regulations.
 - Conducting sanitary surveys within the required timeframes.
 - Conducting plan reviews for source changes and significant changes in treatment; water supply improvements.
 - Performing source water assessments at Community Water Supplies (CWS).
 - Providing one-on-one technical assistance and consultation with water supply personnel to assist in the understanding of, and compliance with, state and federal requirements.
 - Reviewing asset management plans, general plans, reliability studies and engineering studies to assure regulatory compliance and optimum performance.
 - Providing cross connection control guidance and training and continuing to assist CWS with the development of residential cross connection programs.
 - Continuing staff involvement in operator training classes to enhance the Operator Certification and Training Program. Work on the development of virtual trainings for water supply operators.
 - Exploring innovative methods to reach water supply owners and operators to promote greater long-term compliance, including the use of videos on YouTube.
 - Providing reminder letters for compliance activities.
 - Providing extensive training for new and existing staff, including continuing the successful "Rule School" series providing an in-depth review of the Act 399 Rules; a rolling six-week series of analyst training; and an extensive training series on engineering topics in both classroom and hands-on settings. These trainings, in addition to outside training for staff, are positively impacting the consistency and technical expertise available to the regulated community.
 - Provide emergency response training to internal staff, with subsequent follow-up to water supplies. Introduce Water System Resiliency & Vulnerability Assessment training and resources to internal staff and to water supplies.

In addition, the funds in this set-aside will be used for the following program activities:

- Determine if new public water supplies meet the financial adequacy requirements of the capacity development program.
- Reimburse LHDs for updating source water assessments at nontransient NCWSs.
- Reimburse LHDs for performing capacity assessments at new or existing nontransient NCWSs.
- Reimburse LHDs for performing annual site visits in situations where the noncommunity public water supply provides treatment for public health purposes.
- Purchase Field Analysis Equipment and Technical Assistance Reference Materials. These will be available to district staff for technical assistance and training to public water supplies.

PUBLIC REVIEW AND COMMENT

EGLE held a virtual public question and answer session followed by a public hearing to discuss DWSRF program requirements on August 27, 2020 at 1:00 p.m. Additional information regarding the public meeting including the link to join was posted on the DWSRF website, (Michigan.gov/DWSRF), EGLE calendar of events, and emailed to all municipalities and engineering firms with projects on the FY 2021 PPL. Numerous questions were received and addressed during the hour-long public question and answer session pertaining to DWSRF processes.

Official written public hearing comments were submitted by two organizations, Great Lakes Environmental Law Center and Safe Water Engineering, LLC.. Verbal comments during the hearing were made by Safe Water Engineering and For Love of Water (FLOW).

Verbal comments included:

- Request for additional information on what EGLE's uses to determine interest rates and additional subsidization allocations
- Request for additional information on how the use of bonds impacts the funds

EGLE appreciates all comments that are received. The Department is working on improvements to the SRF database system that will help the public better understand the IUP and project descriptions while making the document more transparent. The IUP is a document produced early in the loan process where only estimates of cost and limited project scopes are provided. Each year, EGLE also produces a related Annual Report that details how the funds were allocated during the previous year and final dollar amount provided to applicants. The Annual Reports can be found on the program website, Michigan.gov/DWSRF.

EGLE's Finance Division works closely with EGLE's DWEHD on technical items such as the relationship between SRF programs and asset management plans, approval and review of technical plans and specifications, and establishing technical standards as it relates to the newly established Lead and Copper Rule in Michigan.

ORIGINATION OF DOCUMENTS

EGLE is responsible for issuing the DWSRF IUP and its accompanying information. Questions about the DWSRF IUP may be directed to:

Ms. Kelly Green, Administrator
Water Infrastructure Financing Finance Division
Michigan Department of Environment, Great Lakes, and Energy
P.O. Box 30457
Lansing, Michigan 48909
Voice: 517-284-5433
E-mail: GreenK1@Michigan.gov

Questions about the DWSRF Set-Asides may be directed to:

Ms. Dana DeBruyn, Section Manager
Environmental Health Section
Drinking Water and Environmental Health Division
Michigan Department of Environment, Great Lakes, and Energy
P.O. Box 30817
Lansing, Michigan 48909
Voice: 517-930-6463
E-mail: DebruynD@Michigan.gov

Treasury-related contact:

Ms. Deborah M. Roberts, Executive
Director Michigan Finance Authority
Michigan Department of Treasury
P.O. Box 15128 Lansing, Michigan 48922
Voice: 517-241-2432
E-mail: TreasMFA@Michigan.gov



Department of Environment, Great Lakes and Energy

Current PPL

DWSRF

Rank	Project #	Project Name, Location and Description		Population	Total Points	Binding Com Date	Binding Com Amount	
PROJECTS WITH PRIOR YEAR SEGMENTS								
1	7507-99	Benton Charter Township	Berrien County	Water system improvements	6,733	630	Future	\$19,580,000
2	7473-99	City of Highland Park	Wayne County	Watermain replacement, LSLR	11,398	515	Future	\$62,325,000
3	7496-99	Oscoda Charter Twp	Iosco County	Watermain extension	6,797	430	Future	\$7,730,000
4	7461-02	GLWA	Oakland County	Transmission main loop	3,600,000	400	08/09/2021	\$91,000,000
5	7445-03	GLWA	Wayne County	NE Transmission main improvements	3,600,000	375	Future	\$92,180,000
5	7445-05	GLWA	Wayne County	NE Transmission main improvements	3,600,000	375	Future	\$80,300,000
5	7445-04	GLWA	Wayne County	NE Transmission main improvements	3,600,000	375	08/09/2021	\$9,000,000
6	7493-99	City of St Clair Shores	Macomb County	LSLR	60,922	375	Future	\$6,000,000
7	7511-99	City of Escanaba	Delta County	Watermain replacement, LSLR	12,181	365	Future	\$12,000,000
8	7492-99	City of Grand Rapids	Kent County	WTP, pump station, & watermain improvements, LSLR	380,815	350	Future	\$36,510,000
9	7512-99	Village of White Pigeon	St Joseph County	Watermain replacement, LSLR	1,522	295	Future	\$5,500,000
10	7481-02	City of Marquette	Marquette County	Watermain replacement	20,629	240	05/17/2021	\$1,330,000
11	7499-99	City of Ferndale	Oakland County	LSLR	19,900	215	Future	\$6,360,000
PROJECTS WITHOUT PRIOR YEAR SEGMENTS								
12	7497-01	City of Owosso	Shiawassee County	Watermain, storage tank, well work	14,539	665	Future	\$8,490,000
13	7507-01	Benton Charter Township	Berrien County	Watermain improvements	6,733	630	05/17/2021	\$9,410,000
14	7467-01	City of Muskegon	Muskegon County	WTP, watermain, LSLR	38,500	590	08/09/2021	\$5,025,000
15	7510-01	City of Cadillac	Wexford County	New well field	9,800	530	02/26/2021	\$10,025,000
16	7491-01	City of Owosso	Shiawassee County	Watermain, LSLR, SCADA	14,539	515	Future	\$2,690,000
17	7458-01	City of Owosso	Shiawassee County	Watermain, LSLR	14,539	515	Future	\$1,795,000
18	7490-01	City of Highland Park	Wayne County	Watermain, LSLR	11,398	515	08/09/2021	\$19,200,000
19	7487-01	City of St Joseph	Berrien County	WTP, watermain, LSLR	33,000	490	Future	\$12,865,000
20	7488-01	City of St Joseph	Berrien County	Watermain, LSLR	33,000	490	Future	\$5,340,000
21	7486-01	City of St Joseph	Berrien County	Watermain, LSLR	33,000	490	02/26/2021	\$3,210,000
22	7503-01	City of Ironwood	Gogebic County	Pump station, iron and manganese removal work	5,387	480	05/17/2021	\$9,725,000
23	7470-01	City of Howell	Livingston County	Watermain replacement	9,203	430	Future	\$2,675,000



Department of Environment, Great Lakes and Energy

Current PPL

DWSRF

24	7489-01	Sorina Arbor Two	Jackson County	New well field	8,267	430	08/09/2021	\$1,405,000
25	7469-01	City of Howell	Livingston County	Watermain replacement	9,203	430	02/26/2021	\$1,400,000
26	7496-01	Oscoda Charter Twp.	Iosco County	Watermain extension	6,797	430	05/17/2021	\$1,975,000
27	7426-01	City of Rochester	Oakland County	Watermain replacement & transmission main work	13,660	415	11/16/2020	\$6,800,000
28	7442-01	East Lansing	Ingham County	WTP filter and controls	79,585	400	05/17/2021	\$4,560,000
29	7492-01	City of Grand Rapids	Kent County	LSLR	200,217	400	05/17/2021	\$4,165,000
30	7430-01	Village of Lake Orion	Oakland County	Watermain replacement	3,032	395	02/26/2021	\$4,390,000
31	7484-01	GLWA/DWSD	City of Detroit	Watermain replacement, LSLR	714,000	375	05/17/2021	\$21,000,000
32	7485-01	GLWA/DWSD	City of Detroit	Watermain replacement	714,000	375	Future	\$4,500,000
33	7493-01	City of St. Clair Shores	Macomb County	LSLR	60,922	375	Future	\$4,000,000
34	7511-01	City of Escanaba	Delta County	Watermain replacement, LSLR	12,181	365	05/17/2021	\$20,000,000
35	7509-01	City of Bay City	Bay County	LSLR	33,644	365	05/17/2021	\$2,005,000
36	7495-01	Charter Twp. of Calumet	Houghton County	Water tower upgrades	6,300	355	05/17/2021	\$450,000
37	7479-01	Charter Township of White Lake	Oakland County	Iron filtration, watermain extension	6,000	345	08/09/2021	\$6,995,000
38	7506-01	City of McBain	Missaukee County	LSLR	656	345	05/17/2021	\$520,000
39	7504-01	City of Bessemer	Gogebic County	LSLR	1,900	345	02/26/2021	\$705,000
40	7508-01	Village of Kaleva	Manistee County	LSLR	282	335	05/17/2021	\$420,000
41	7453-01	Livonia	Wayne County	Watermain replacement	94,060	325	05/17/2021	\$5,305,000
42	7454-01	Livonia	Wayne County	Watermain replacement	94,060	325	Future	\$4,815,000
43	7513-01	City of Menominee	Menominee County	LSLR	8,108	305	05/17/2021	\$3,360,000
44	7512-01	Village of White Pigeon	St. Joseph County	Watermain replacement, LSLR	1,522	295	Future	\$6,065,000
45	7499-01	City of Ferndale	Oakland County	LSLR	19,900	215	02/26/2021	\$3,710,000
46	7501-01	City of Wakefield	Gogebic County	Watermain extension	1,851	95	05/17/2021	\$220,000

Total 48 Projects **\$629,030,000**



Department of Environment, Great Lakes and Energy

Quarterly Report

DWSRF

1st Quarter Projects Binding Commitment Date: 11/16/2020

7426-01	City of Rochester	Oakland County	Watermain, transmission replacement	\$6,800,000.00
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1st Quarter Total	1 Projects			\$6,800,000.00
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2nd Quarter Projects Binding Commitment Date: 02/26/2021

7430-01	Village of Lake Orion	Oakland County	Watermain replacement	\$4,390,000.00
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7469-01	City of Howell	Livingston County	Clinton St. watermain replacement	\$1,400,000.00
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7486-01	City of St Joseph	Berrien County	Langley watermain replacement, LSLR	\$3,210,000.00
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7499-01	City of Ferndale	Oakland County	LSLR	\$3,710,000.00
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7504-01	City of Bessemer	Gogebic County	LSLR	\$705,000.00
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7510-01	City of Cadillac	Wexford County	New well field	\$10,025,000.00
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2nd Quarter Total	6 Projects			\$23,440,000.00
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3rd Quarter Projects Binding Commitment Date: 05/17/2021

7442-01	East Lansing	Ingham County	WTP filter and controls	\$4,560,000.00
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7453-01	Livonia	Wayne County	Watermain replacement	\$5,305,000.00
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7481-02	City of Marquette	Marquette County	Watermain replacement	\$1,330,000.00
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7484-01	GLWA/DWSD	City of Detroit	Watermain replacement, LSLR	\$21,000,000.00
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7492-01	City of Grand Rapids	Kent County	LSLR	\$4,165,000.00
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7495-01	Charter Twp. of Calumet	Houghton County	Water tower upgrades	\$450,000.00
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7496-01	Oscoda Charter Twp.	Iosco County	Watermain extension	\$1,975,000.00
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7501-01	City of Wakefield	Gogebic County	Watermain extension	\$220,000.00
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7503-01	City of Ironwood	Gogebic County	Pump Station replacement, Iron and Manganese removal	\$9,725,000.00
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7506-01	City of McBain	Missaukee County	LSLR	\$520,000.00
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7507-01	Benton Charter Township	Berrien County	Watermain improvement	\$9,410,000.00
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7508-01	Village of Kaleva	Manistee County	LSLR	\$420,000.00
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7509-01	City of Bay City	Bay County	LSLR	\$2,005,000.00
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7511-01	City of Escanaba	Delta County	Watermain replacement, LSLR	\$20,000,000.00
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7513-01	City of Menominee	Menominee County	LSLR	\$3,360,000.00
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3rd Quarter Total	15 Projects			\$84,445,000.00
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4th Quarter Projects Binding Commitment Date: 08/09/2021

7445-04	GLWA	Wayne County	NE Transmission Main	\$9,000,000.00
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7461-02	GLWA	Oakland County	14 Mile Rd Transmission Main	\$91,000,000.00
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7467-01	City of Muskegon	Muskegon County	WTP improvement, watermain replacement, LSLR	\$5,025,000.00
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7479-01	Charter Township of White Lake	Oakland County	Iron filtration, watermain extension	\$6,995,000.00
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7489-01	Spring Arbor Twp	Jackson County	New well field	\$1,405,000.00
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7490-01	City of Highland Park	Wayne County	Watermain replacement, LSLR	\$19,200,000.00
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4th Quarter Total	6 Projects			\$132,625,000.00
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Total Fundable Range Dollars	28 Projects			\$247,310,000.00
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Future Projects

Project Type: DWSRF Loan Fiscal Year: 2021

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Department of Environment, Great Lakes and Energy

Quarterly Report

DWSRF

7445-03	GLWA	Wayne County	Northeast Transmission Main	\$92,180,000.00
7445-05	GLWA	Wayne County	Northeast Transmission Main	\$80,300,000.00
7454-01	Livonia	Wayne County	Watermain replacement	\$4,815,000.00
7458-01	City of Owosso	Shiawassee County	Watermain replacement, LSLR	\$1,795,000.00
7470-01	City of Howell	Livingston County	Watermain replacement	\$2,675,000.00
7473-99	City of Highland Park	Wayne County	Watermain replacement, LSLR	\$62,325,000.00
7485-01	GLWA/DWSD	City of Detroit	Watermain replacement	\$4,500,000.00
7487-01	City of St Joseph	Berrien County	WTP improvement, watermain replacement, LSLR	\$12,865,000.00
7488-01	City of St Joseph	Berrien County	Watermain replacement, LSLR	\$5,340,000.00
7491-01	City of Owosso	Shiawassee County	Watermain, LSLR, SCADA	\$2,690,000.00
7492-99	City of Grand Rapids	Kent County	WTP, pump station, & watermain improvements, LSLR	\$36,510,000.00
7493-01	City of St. Clair Shores	Macomb County	LSLR	\$4,000,000.00
7493-99	City of St. Clair Shores	Macomb County	LSLR	\$6,000,000.00
7496-99	Oscoda Charter Twp.	Iosco County	Watermain extension	\$7,730,000.00
7497-01	City of Owosso	Shiawassee County	Watermain, storage tank improvements	\$8,490,000.00
7499-99	City of Ferndale	Oakland County	LSLR	\$6,360,000.00
7507-99	Benton Charter Township	Berrien County	Water system improvements	\$19,580,000.00
7511-99	City of Escanaba	Delta County	Watermain replacement, LSLR	\$12,000,000.00
7512-01	Village of White Pigeon	St. Joseph County	Watermain replacement, LSLR	\$6,065,000.00
7512-99	Village of White Pigeon	St Joseph County	Watermain replacement, LSLR	\$5,500,000.00
Total Future Dollars Projected		20 Projects		\$381,720,000.00



Department of Environment, Great Lakes and Energy

Drinking Water Revolving Loan Fund PPL Scoring

Category Description	Points	7426-01	7430-01	7442-01	7445-03	7445-04	7445-05	7453-01	7454-01	7458-01	7461-02	7467-01	7469-01	7470-01	7473-99	7479-01
Drinking Water System Compliance Total	450 (max)	150	150	150	150	150	150	150	150	150	150	150	150	150	200	175
Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	250															
Non-Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	200														■	
Facility Upgrade to Maintain Compliance	150	■	■	■	■	■	■	■	■	■	■	■	■	■		■
Aesthetic Upgrades to Maintain Compliance	25															■
Infrastructure Improvements/Upgrades - Total	350 (max)	125	125	100	75	75	75	25	25	225	100	250	150	150	125	0
Source/Treatment with Connecting Mains	125 (max)	0	0	100	0	0	0	0	0	100	0	100	25	25	0	0
Meet Minimum Capacity	100															
Reliability	75			■						■		■				
Other Upgrades	25			■						■		■	■	■		
Enforcement Action	25															
Source Water Protection	50															
Transmission/Distribution Mains	125 (max)	125	125	0	75	75	75	25	25	125	100	125	125	125	125	0
Meet Minimum Capacity	100	■	■							■		■	■	■		
Reliability	75				■	■	■			■	■				■	
Other Upgrades	25	■	■					■	■	■	■	■	■	■	■	
Enforcement Action	25														■	
Storage Facilities/Pumping Stations	125 (max)	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0
Meet Minimum Capacity	100															
Reliability	75											■				
Other Upgrades	25															
Enforcement Action	25															
Population - Total	50 (max)	40	20	50	50	50	50	50	50	40	50	40	30	30	40	30
0 - 500	10															
501 - 3,300	20		■													
3,301 - 10,000	30												■	■		■
10,001 - 50,000	40	■								■		■			■	
> 50,000	50			■	■	■	■	■	■		■					
Disadvantaged Community - Total	50 (max)	0	0	0	0	0	0	0	0	0	0	50	0	0	50	0
Granted	50											■			■	
Consolidation - Total	100 (max)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Achieve Compliance	100															
Correct Deficiencies	60															
Other	40															■
Comp. Wellhead/Source Water Protect Plans - Total	100 (max)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Granted	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Total Priority Points Assigned	1000 (max)	415	395	400	375	375	375	325	325	515	400	590	430	430	515	345

Fiscal Year: 2021

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Department of Environment, Great Lakes and Energy

Drinking Water Revolving Loan Fund PPL Scoring

Category Description	Points	7481-02	7484-01	7485-01	7486-01	7487-01	7488-01	7489-01	7490-01	7491-01	7492-01	7492-99	7493-01	7493-99	7495-01	7496-01
Drinking Water System Compliance Total	450 (max)	150	150	150	150	150	150	150	200	150	150	150	200	200	150	200
Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	250															
Non-Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	200								■				■	■		■
Facility Upgrade to Maintain Compliance	150	■	■	■	■	■	■	■		■	■	■			■	
Aesthetic Upgrades to Maintain Compliance	25															
Infrastructure Improvements/Upgrades - Total	350 (max)	50	25	25	200	200	200	250	125	225	150	150	25	25	25	100
Source/Treatment with Connecting Mains	125 (max)	0	0	0	100	100	100	125	0	100	25	25	0	0	0	0
Meet Minimum Capacity	100				■	■	■	■								
Reliability	75									■						
Other Upgrades	25							■		■	■	■				
Enforcement Action	25															
Source Water Protection	50															
Transmission/Distribution Mains	125 (max)	25	25	25	100	100	100	125	125	125	25	25	25	25	0	100
Meet Minimum Capacity	100				■	■	■	■		■						
Reliability	75								■	■						■
Other Upgrades	25	■	■	■				■	■	■	■	■	■	■		■
Enforcement Action	25								■							
Storage Facilities/Pumping Stations	125 (max)	25	0	0	0	0	0	0	0	0	100	100	0	0	25	0
Meet Minimum Capacity	100															
Reliability	75										■	■				
Other Upgrades	25	■									■	■			■	
Enforcement Action	25															
Population - Total	50 (max)	40	50	50	40	40	40	30	40	40	50	50	50	50	30	30
0 - 500	10															
501 - 3,300	20															
3,301 - 10,000	30							■							■	■
10,001 - 50,000	40	■			■	■	■		■	■						
> 50,000	50		■	■							■	■	■	■		
Disadvantaged Community - Total	50 (max)	0	50	50	0	0	0	0	50	0	50	0	0	0	50	0
Granted	50		■	■					■		■				■	
Consolidation - Total	100 (max)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Achieve Compliance	100															
Correct Deficiencies	60															
Other	40															
Comp. Wellhead/Source Water Protect Plans - Total	100 (max)	0	100	100	100	100	100	0	100	100	0	0	100	100	100	100
Granted	100		■	■	■	■	■		■	■			■	■	■	■
Total Priority Points Assigned	1000 (max)	240	375	375	490	490	490	430	515	515	400	350	375	375	355	430

Fiscal Year: 2021

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Department of Environment, Great Lakes and Energy

Drinking Water Revolving Loan Fund PPL Scoring

Category Description	Points	7496-99	7497-01	7499-01	7499-99	7501-01	7503-01	7504-01	7506-01	7507-01	7507-99	7508-01	7509-01	7510-01	7511-01	7511-99
Drinking Water System Compliance Total	450 (max)	200	175	150	150	0	250	150	150	175	175	150	150	150	150	150
Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	250						■									
Non-Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	200	■														
Facility Upgrade to Maintain Compliance	150		■	■	■			■	■	■	■	■	■	■	■	■
Aesthetic Upgrades to Maintain Compliance	25		■							■	■					
Infrastructure Improvements/Upgrades - Total	350 (max)	100	350	25	25	25	50	25	25	275	275	25	25	250	25	25
Source/Treatment with Connecting Mains	125 (max)	0	125	0	0	0	25	0	0	100	100	0	0	125	0	0
Meet Minimum Capacity	100		■							■	■			■		
Reliability	75		■											■		
Other Upgrades	25						■							■		
Enforcement Action	25															
Source Water Protection	50		■											■		
Transmission/Distribution Mains	125 (max)	100	125	25	25	25	0	25	25	100	100	25	25	125	25	25
Meet Minimum Capacity	100		■							■	■			■		
Reliability	75	■	■											■		
Other Upgrades	25	■	■	■	■	■		■	■				■		■	■
Enforcement Action	25											■				
Storage Facilities/Pumping Stations	125 (max)	0	100	0	0	0	25	0	0	75	75	0	0	0	0	0
Meet Minimum Capacity	100															
Reliability	75		■							■	■					
Other Upgrades	25		■				■									
Enforcement Action	25															
Population - Total	50 (max)	30	40	40	40	20	30	20	20	30	30	10	40	30	40	40
0 - 500	10											■				
501 - 3,300	20					■		■	■							
3,301 - 10,000	30	■					■			■	■			■		
10,001 - 50,000	40		■	■	■								■		■	■
> 50,000	50															
Disadvantaged Community - Total	50 (max)	0	0	0	0	50	50	50	50	50	50	50	50	0	50	50
Granted	50					■	■	■	■	■	■	■	■		■	■
Consolidation - Total	100 (max)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Achieve Compliance	100															
Correct Deficiencies	60															
Other	40															
Comp. Wellhead/Source Water Protect Plans - Total	100 (max)	100	100	0	0	0	100	100	100	100	100	100	100	100	100	100
Granted	100	■	■				■	■	■	■	■	■	■	■	■	■
Total Priority Points Assigned	1000 (max)	430	665	215	215	95	480	345	345	630	630	335	365	530	365	365

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Drinking Water Revolving Loan Fund PPL Scoring

Category Description	Points	7512-01	7512-99	7513-01
Drinking Water System Compliance Total	450 (max)	150	150	150
Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	250			
Non-Acute Viol. of DW Standards, Health Advisory Levels, SWTT, Disease	200			
Facility Upgrade to Maintain Compliance	150	■	■	■
Aesthetic Upgrades to Maintain Compliance	25			
Infrastructure Improvements/Upgrades - Total	350 (max)	125	125	125
Source/Treatment with Connecting Mains	125 (max)	0	0	0
Meet Minimum Capacity	100			
Reliability	75			
Other Upgrades	25			
Enforcement Action	25			
Source Water Protection	50			
Transmission/Distribution Mains	125 (max)	125	125	125
Meet Minimum Capacity	100	■	■	■
Reliability	75			
Other Upgrades	25	■	■	■
Enforcement Action	25			
Storage Facilities/Pumping Stations	125 (max)	0	0	0
Meet Minimum Capacity	100			
Reliability	75			
Other Upgrades	25			
Enforcement Action	25			
Population - Total	50 (max)	20	20	30
0 - 500	10			
501 - 3,300	20	■	■	
3,301 - 10,000	30			■
10,001 - 50,000	40			
> 50,000	50			
Disadvantaged Community - Total	50 (max)	0	0	0
Granted	50			
Consolidation - Total	100 (max)	0	0	0
Achieve Compliance	100			
Correct Deficiencies	60			
Other	40			
Comp. Wellhead/Source Water Protect Plans - Total	100 (max)	0	0	0
Granted	100			
Total Priority Points Assigned	1000 (max)	295	295	305

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