

-Rick Snyder, Governor

The Michigan Department of Environmental Quality

C. Heidi Grether, Director
<http://www.michigan.gov/deq>

and

The Michigan Finance Authority

Under the Authority of Part 54,
Safe Drinking Water Assistance,
of the Natural Resources and
Environmental Protection Act, 1994 PA 451,
as amended and
the Shared Credit Ratings Act, 1985 PA 227

Present the

Fiscal Year 2018 Annual Report of the Michigan Drinking Water Revolving Fund

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December 2018

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I. INTRODUCTION

The Safe Drinking Water Act (SDWA), 1976 PA 399, amendments of 1996 (P.L.104-182), passed by Congress in 1996 authorized the creation of the Drinking Water Revolving Fund (DWRF) via the U.S. Environmental Protection Agency (EPA). The DWRF provides low-interest loans to qualified water suppliers for the creation, repair, or enhancement of public, privately owned community, and not-for-profit non-community water supplies. The loan repayment period is 20 years, unless an applicant is qualified as 'disadvantaged,' then the loan repayment can extend to 30 years. The Michigan Department of Environmental Quality (MDEQ) and the Michigan Finance Authority (MFA) administer the DWRF program. The MFA is staffed by the Michigan Department of Treasury with oversight from the State Treasurer. The MDEQ handles all program issues, and MFA administers financial aspects of the program.

II. PROGRAM CONTACTS

For financial issues, such as the bond structure, bond documents, audit reports, and other financial matters, contact:

Ms. Deborah Roberts, Executive Director
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Michigan Department of Treasury
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For technical reviews of DWRF projects, permit issuance, and administration of the set-aside programs (i.e., source water protection, wellhead protection, capacity development, and operator certification) authorized by the SDWA, contact:

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For DWRF program oversight, EPA grant administration, loan and project management issues, contact:

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III. PROGRAM STRUCTURE

The MDEQ provides loans to qualified applicants with at least investment grade credit. Proof of investment grade credit can include a separate credit rating or a credit assessment letter from one of the rating agencies, a pledge of state revenue sharing with sufficient coverage, or credit enhancement. The MFA must approve the investment grade credit before purchasing the debt of the applicant. Michigan law allows for a county or a public authority to issue debt on the behalf of underlying communities. The DWRF reimburses applicants using federal funds from the capitalization grant and state match.

Based on the amount of fund assets available, the MDEQ did not leverage the federal capitalization grant and state match funds for fiscal year (FY) 2018. The MDEQ will continue a direct loan program. There was no cross collateralization of the DWRF with the Clean Water State Revolving Fund.

IV. LONG-TERM GOALS

The Great Lakes surround Michigan and provide its residents with an abundant water supply. The DWRF program helps to protect and enhance Michigan's water supply and the health of the public. Michigan identified these long-term goals in the FY 2018 Intended Use Plan (IUP):

Goal: *To provide low-cost financing for waterworks system improvements or upgrades while maintaining the perpetuity of the DWRF.*

The MFA continues to use a financial advisor to guide decisions on fundable range scenarios, interest rates, and other finance related topics (i.e., funding capacity of the fund, investment options). Michigan looks to balance the goals of meeting the capitalization grant requirements (i.e., additional subsidization, green projects, Davis Bacon, and American Iron and Steel) and fund as many projects as possible each year while maintaining the DWRF in perpetuity.

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

The MDEQ 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 Transportation (MDOT), the Michigan Department of Health and Human Services, and the Michigan Department of Licensing and Regulatory Affairs, to fund qualifying projects. Environmental reviews are coordinated to the extent possible to assist the applicants and still meet the federal and state environmental requirements. Our office is also participating with MDOT on a project for the city of Flint. The Transportation Investment

Generating Economic Recovery grant from MDOT will cover road improvements, and MDEQ funding will cover water main replacements in the same footprint.

Goal: *To 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.*

The MDEQ continues to use the DWRF set-aside funding to protect the public health of Michigan residents. Funding is used to maintain source water assessment, wellhead protection, and source water protection programs; as well as for technical assistance and capacity development. Source water protection supports programs that prevent contaminants from reaching sources of drinking water. Wellhead protection works to protect the quality of the groundwater. Technical assistance helps small, economically disadvantaged communities in meeting drinking water standards. Also, the set-aside funds can be used for a capacity development program to develop, implement, and enhance surface water protection. The loan provided to the city of Flint for lead service line removal involves Water Infrastructure Improvements for the Nation Act (WIIN) funding. WIIN funding allows the loan to be provided as 100-percent principal forgiveness. The DWRF program provided principal forgiveness to disadvantaged communities like Burton and Highland Park in their loans for FY 2018.

Michigan is proud of its accomplishments in promoting compliance with all applicable drinking water requirements. The DWRF provides a source of infrastructure financing that assists communities in protecting public health. In FY 2018, four loans were made to water suppliers, totaling \$31,115,000 (breakdown by county shown below).

Berrien County	\$16,095,000
Genesee County	\$2,990,000
Oakland County	\$6,030,000
Wayne County	<u>\$6,000,000</u>
Total	\$31,115,000

Since 1997, 292 DWRF loans, totaling \$980,370,000, have been made to Michigan water suppliers. See Attachment 1 – DWRF Funded Projects by Binding Commitment Date for a list of loans tendered to date. Attachment 2 is a narrative of all the projects funded in FY 2018.

The following provides the cost breakdown by project category of all projects funded to date. A detailed listing of all the projects by Category Cost is provided in Attachment 3.

I. Transmission/Distribution	\$558,669,912
II. Treatment	\$253,024,757
III. Storage	\$ 80,076,364
IV. Source	\$ 46,904,448
V. Other	<u>\$ 41,694,519</u>
TOTAL	\$980,370,000

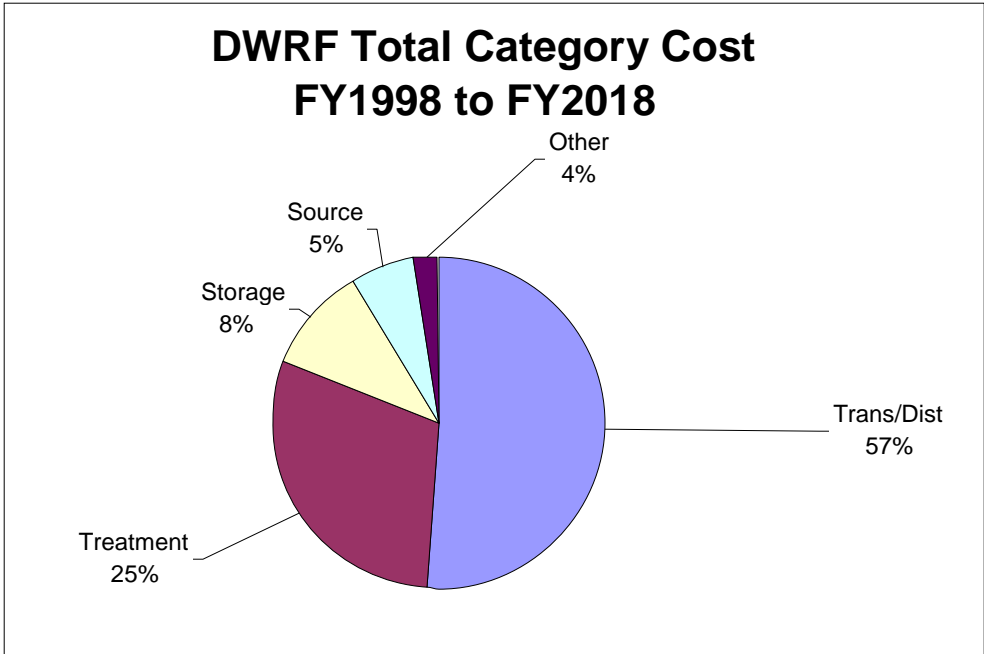


Chart 1

The DWRF funds projects of varying population size. The following shows the dollar amount and the number of projects funded by population size since the inception of the program. This same information is portrayed below in Chart 2.

Population less than 3,500	\$141,995,000	85
3,500 to 9,999	\$138,895,000	59
10,000 to 99,999	\$527,515,000	121
Over 100,000	\$171,965,000	27
TOTAL	\$980,370,000	292

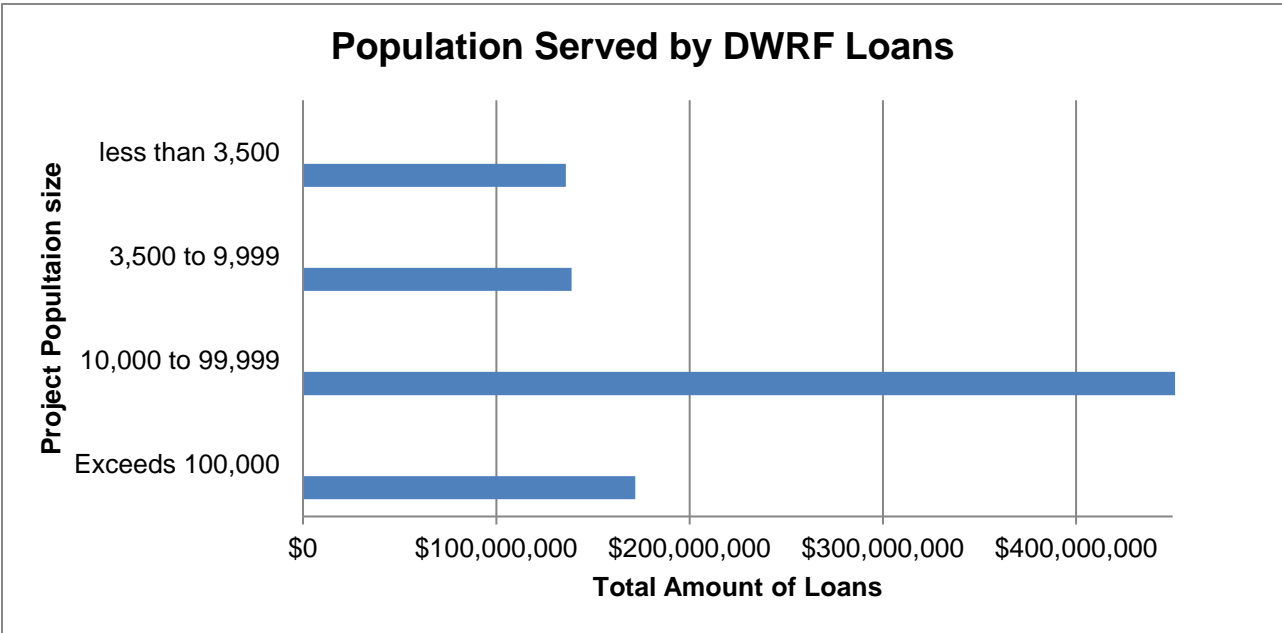


Chart 2

Goal: *To continue use of the DWRF program.*

Demand for the DWRF has slowed in recent years. RLS staff continues to increase marketing efforts of the DWRF. We are reaching out to various municipal and technical organizations, including consultant firms, to remind them of the benefits of funding their capital improvement projects with the DWRF. Marketing efforts have included listserv notifications, field visits, attendance and presentations at various conferences/expos, and submittal of articles to various state-wide publications.

V. SHORT-TERM GOALS

In order to accomplish the long-term goals, the MDEQ focused on more immediate objectives. Our short-term goals in FY 2018 were:

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

Michigan applied for its total allocation amount by September 30, 2018, and was awarded the 2018 capitalization grant and supplemental funding of \$100M from WIIN. The WIIN funding was used to fund a \$40M loan to the city of Flint to address lead in the water system. Our office will continue to obligate funding to eligible projects in the city of Flint as the projects are prepared for construction. The MDEQ and MFA funded all projects identified on the FY 2018 PPL that were able to complete the application process for the funds available. Prior year capitalization grants were obligated to fund the projects.

The fundable range amount was \$42 million, as noted in the IUP. This amount provided funding to four DWRF projects. Attachment 4 shows the FY 2018 PPL and includes funded projects and three projects that declined funding at various times during the year for numerous reasons. All projects receiving DWRF funds in FY 2018 issued a Notice to Proceed within 60 days of the loan closing.

The MDEQ and the MFA committed \$31,115,000 to four DWRF projects, bringing total commitments made from the inception of the DWRF program to \$980,370,000. The MDEQ applied the federal crosscutters to every project funded during the fiscal year.

Goal: *Forgive prior DWRF debt for the city of Flint; \$20,770,336.*

A commitment to forgive the prior loans to the city of Flint was made by the MDEQ. The federal appropriation allows the use of the 2017 capitalization grant to forgive prior DWRF debt for a community in which a federal state of emergency declaration was issued due to a public health threat from lead exposure. The city of Flint prior debt totals \$20,770,336 and was forgiven using the 2017 capitalization grant additional subsidy amount after the review of the impact on the DWRF to make future loans, and with concurrence from EPA.

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

The MDEQ prepared and identified on the FY 2018 final PPL all the 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 DWRF funds in FY 2018 issued a Notice to Proceed within 60 days of the loan closing.

Goal: *Ensure that the additional requirements of the 2016 and 2017 capitalization grant are met, including those that are imposed on local borrowers.*

Congress directed that projects receiving DWRP funding after January 17, 2014, comply with the AIS provisions unless the project plans and specifications were approved by the MDEQ prior to January 17, 2014, or the project was provided a waiver. Our office worked with communities to ensure that the AIS requirements were met.

The 2016 and 2017 capitalization grant did not have a Green Project Reserve requirement. However, the MDEQ continued to solicit green infrastructure, water/energy efficient, and environmentally innovative projects for the FY 2018 PPL. The MDEQ required and approved business cases for projects that are not determined categorically green as described in the EPA's 2011 DWRP Procedures. Business cases were posted on the MDEQ website once the green projects were awarded loan funding.

Congress mandated that at least 20 percent (\$5,469,800) of the 2015 capitalization grant (\$27,349,000) be provided as additional subsidy to borrowers. The MDEQ provided the additional subsidy as principal forgiveness; \$5,000,000 was allocated during the fiscal year. The remaining amount for principal forgiveness, \$524,144, was allocated in FY 2017. Congress also required all DWRP projects funded in FY 2016 and beyond to pay their workers the federal Davis-Bacon wage rates for their job classification. The Davis-Bacon requirement was passed on to all communities that received DWRP funding in FY 2018. Attachment 5 details the funded projects that were allocated to each capitalization grant in order to fulfill the green project and additional subsidy requirements for grant years 2016. As previously noted, the 2017 additional subsidy was used to forgive a portion of the city of Flint's prior DWRP debt.

Activities related to the Michigan operator certification and capacity development programs are summarized and reported under separate cover to the regional contact person at EPA. Ms. Kris Philip submitted the 2018 Operator Certification and Expense Reimbursement Grant Annual Report to Mr. Thomas Poy and Ms. Jennifer Crooks (EPA) in September 2017. The Annual Capacity Development Report was submitted to Ms. Sahba Rouhani (EPA) by December 31, 2018.

VI. FLINT SUPPLEMENTAL IUP ACTIVITIES

The city of Flint received \$40 million of WIIN funding in May 2017 for lead service line replacement. As of December 20, 2018, 7,822 residential metered homes have had service lines replaced and an additional 11,828 residential metered homes have had copper service lines confirmed by either open cut or hydrovac excavation in Phases 1-5. Phase 4 and 5 construction completed in 2018 consisted of 1,748 residential metered homes having service lines replaced and 9,179 residential metered homes having copper service lines confirmed by open cut or hydrovac excavation. It is estimated that approximately 9,350 residential metered homes remain to be investigated. The replacement and restoration work associated with Phase 4 that occurred from 2017-2018 is now complete. As of December 31, 2018, the city of Flint has requested reimbursement for costs related to Phase 4, which is currently the only phase being funded through the Drinking Water Revolving Fund and \$26,770,414 has been paid from WIIN funds and the associated WIIN State match. In addition, \$5,319,658.99 has been paid by Children's Health Insurance Program (CHIP) funds for expenses incurred during Phase 4 at Medicaid-eligible homes. Invoices remain to be submitted by the city of Flint to be paid by WIIN and CHIP for the outstanding incurred Phase 4 project costs.

A portion of the Local Assistance Set-Aside is providing technical assistance to the city to support operational improvement of the city's distribution system. An updated asset management plan was developed along with a distribution system inventory. Standard Operating Procedures for the distribution system are developed for the city. A corrosion control plan was developed. The Corrosion Control study is underway. In FY 2018, \$901,168 was disbursed for these activities.

VII. ESTABLISHMENT OF INTEREST RATES

The primary advantage for Michigan water suppliers is their ability to borrow funds at below market rates from the DWRF. The DWRF interest rate is established prior to each new fiscal year. As identified in Part 54, Safe Drinking Water Assistance, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, determination of the interest rate is based on demand, market conditions, program costs, and future needs. Since a portion of the state match in any given fiscal year may be financed with state revenue match bonds, the upcoming year's interest rate must also account for the expense incurred in securing the bonds.

The DWRF is unique when compared to the SRF, in that both municipal and non-municipal water suppliers may participate if they qualify. In assessing the market conditions for each type of entity, it was quickly apparent to MDEQ staff that a municipality would enjoy lower rates of interest on the open credit markets than would a private, non-municipal supplier who would normally have to obtain taxable financing through commercial lending institutions.

Based on the knowledge that market conditions generally demand higher rates of interest for non-municipal borrowers, and considering limitations of having to serve them through a direct, non-leveraged program structure, the director of the MDEQ has determined that the DWRF will provide similar subsidy rates to both municipal and non-municipal borrowers. The interest rate in FY 2018 was 2 percent for municipal borrowers, and a 2.5-percent buy-down of interest for private water suppliers, although no private water suppliers were on the PPL. The historical interest rates for the DWRF program are shown below.

<u>Fiscal Year</u>	<u>Interest Rate</u>
1998 to 2003	2.500%
2004 to 2007	2.125%
2008 to 2012	2.500%
2013	2.000%
2014 to 2017	2.500%
2018	2.000%

VIII. ADVANTAGES OF THE DWRF

The DWRF will provide an on-going source of funding to maintain or improve drinking water quality and public health. All eligible water system costs can be financed using the DWRF low-interest loan. In addition, the on-site technical assistance, opportunities for source water assessment and protection, Operator Training and Certification Program, and the Abandoned Well Management Program provide a blend of direct and indirect aids to local communities across Michigan.

IX. ALLOCATION OF FUNDS

A three-step process is used to allocate funds to eligible projects. First, the MDEQ and the MFA identify new sources of funds to be added to the revolving fund and the spending limits for the DWRF within the given fiscal year. Next, a determination of the type and amount of financial assistance necessary for each water supplier is made. Finally, funds are allocated among the projects consistent with amounts available and the project's priority standing. The following identifies the new sources of funds available to the DWRF in FY 2018, less 4 percent for administration and drinking water program set-asides:

2018 Capitalization Grant funds for loans (total grant is \$27,266,000)	\$18,813,540
2018 State Match (general funds)	\$ 5,000,000
2018 State Match (state match bonds)	<u>\$ 3,000,000</u>
TOTAL	\$26,813,540

There was an additional cash match of \$1,317,323 spent in FY 2018 from the Public Water Supply Fee Program administered by the DWMAD. This amount meets the dollar-for-dollar match requirement for source water protection, capacity development, and operator certification.

The governor of each state may opt to transfer up to 33 percent of available moneys between the SRF and the DWRF programs. This may occur starting one year after a state receives its first capitalization grant for project funds. This option was not exercised during the period covered by this annual report.

X. EPA PAYMENT PROCESS

As the federal capitalization grants for the set-aside funds were awarded, the EPA processed payment requests for increases to the state's draw capabilities via the Automated Standard Application for Payments system. In FY 2018, the MDEQ and the MFA processed \$18,337,823 in loan disbursements. Administrative costs for the MDEQ and the MFA in

FY 2018 totaled \$823,055 in disbursement requests. Non-administrative set-aside requests totaled \$7,706,359. During the fiscal year, the cash draw ratios (federal funds/state match) used for the 2018 capitalization grant was 77.53/22.47. State match bonds were sold on April 28, 2016, and August 4, 2017.

XI. ASSURANCES

- A. The final guidelines from the EPA set forth provisions that the state must give certain assurances in order to qualify for capitalization grant funding. These assurances were incorporated into the Operating Agreement signed by the EPA, the Michigan Department of Environmental Quality, and the Michigan Municipal Bond Authority (now known as the MFA) on December 9, 1997. Along with federal and state law, the Operating Agreement serves as the framework by which Michigan's DWRF program operates. The MDEQ and the MFA have fulfilled the stated assurances throughout the operation of the DWRF during this fiscal year. The Capacity Development and Operator Certification annual set-aside reports will be submitted by the DWMAD, when complete, as required by the Safe Drinking Water Act.
- B. The audit of MFA's financial records is not complete. The audit should be available in late December 2018. When the audit report is complete, it will be posted to the internet at this address: http://www.michigan.gov/treasury/0,1607,7-121-1753_37601_37659---,00.html.

- C. Michigan agreed to annual fair share objectives of 10 percent for Minority Business Enterprise (MBE) and 7.5 percent for the Women Business Enterprise (WBE) for FY 2017. Michigan includes a special condition in all supplemental agreements executed between the loan recipient, the MDEQ, and the MFA regarding MBE and WBE requirements. No MBE/WBE procurements were reported so Michigan did not meet its MBE objective, and did not meet the WBE objective for the DWRF. The MBE and WBE figures were reported by the MDEQ as part of the state's required submission during FY 2018 for all active capitalization grants.

As part of the state's continuing effort to meet the MBE/WBE objectives, RLS presentations are made at the pre-bid meetings to explain the federal requirements to potential contractors, subcontractors, and suppliers. Presentation materials related to the MBE and WBE objectives are discussed as well as the expected actions for contractors working on a DWRF funded project. RLS made revisions to the Good Faith Efforts Worksheet to ensure that contractors understand the necessary steps for soliciting quotes from MBE and WBE firms.

- D. Michigan participates in the Environmental Project and Benefits Reporting (PBR). Currently, all of the projects funded in FY 2018 have been entered into the EPA PBR System.
- E. All project managers in the RLS perform work in the DWRF and the State Revolving Fund. There was no impact on the technical competency of RLS staff to operate the DWRF program during FY 2018.
- F. All DWRF projects funded in FY 2018 meet the federal crosscutter requirements (including environmental justice), the state environmental review process, and satisfy the EPA equivalency requirement

XII. SUMMARY

Michigan will continue to provide safe drinking water as it promotes the DWRF program and works with communities to successfully fund projects.

Attachment 1



Department of Environmental Quality Funded Project Report

DWRF

Project #	Applicant	Location	Project Priority List (PPL) Description	Binding Comm. Date	Binding Comm. Amount
7018-01	Carrolton Twp	Saginaw Co	Upgrade/replace the majority of	06/12/1998	\$2,165,000.00
7021-01	Washtenaw Co	Saline	Water main replacement at four l	06/12/1998	\$1,375,000.00
7032-01	Ottawa Co	Polkton Twp	Dist ext	06/12/1998	\$395,000.00
7039-01	Mt Clemens	Macomb Co	Seg 1; Repl mains, looping	06/12/1998	\$855,000.00
7001-01	Wixom	Oakland Co	Segment 1	08/27/1998	\$3,895,000.00
7002-01	Breckenridge	Graftot Co	New well with 450ft transmission	08/27/1998	\$330,000.00
7004-01	Marine City	St Clair Co	New 750,000 gallon spheroid wate	08/27/1998	\$1,155,000.00
7005-01	Lansing Twp	Ingham Co	Clement Road portion: 2600 ft. o	08/27/1998	\$425,000.00
7006-01	Otisville	Genesee Co	Two new wells with .5 mile main	08/27/1998	\$375,000.00
7010-01	Sault Ste Marie	Chippewa Co	Segment B	08/27/1998	\$4,155,000.00
7011-01	Rockford	Kent Co	2 new supply wells, iron removal	08/27/1998	\$2,440,000.00
7013-01	Summit Twp	Jackson Co	Two new wells, elevated storage,	08/27/1998	\$4,630,000.00
7014-01	Oxford	Oakland Co	Replace and upgrade aged mains	08/27/1998	\$1,895,000.00
7015-01	Flushing	Genesee Co	Replace/rehab distribution mains	08/27/1998	\$2,045,000.00
7017-01	YCUA	Washtenaw Co	Rehab/replace aged mains	08/27/1998	\$4,935,000.00
7022-01	Manchester	Washtenaw Co	Repl mains, looping, det tank	08/27/1998	\$620,000.00
7023-01	Blissfield	Lenawee Co	Repl WTP, new intake	08/27/1998	\$6,485,000.00
7024-01	Mt Clemens	Macomb Co	Seg 1; WTP upgrd, sed basin impr	08/27/1998	\$2,155,000.00
7026-01	St Clair Co	Algonac	New intake crb, ps, gmd strg t	08/27/1998	\$7,900,000.00
7028-01	Frankfort	Benzie Co	New well, grd strg, ps imps, re	08/27/1998	\$1,775,000.00
7029-01	Van Buren Co	Paw Paw	Repl mains, looping	08/27/1998	\$830,000.00
7030-01	Coopersville	Ottawa Co	Repl mains	08/27/1998	\$750,000.00
7031-01	Hudsonville	Ottawa Co	Repl mains	08/27/1998	\$500,000.00
7042-01	Lapeer Co	Dryden	Repl mains, looping, new well	08/27/1998	\$1,155,000.00

Project Type: DWRF Loan Sorted By: Binding Commitment Date

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Attachment 1

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Department of Environmental Quality Funded Project Report

DWRF

Project #	Applicant	Location	PPL Description	Binding Comm. Date	Binding Comm. Amount
7001-02	Wixom	Oakland Co	Segment 2	03/05/1999	\$6,180,000.00
7039-02	Mt Clemens	Macomb Co	Seg 2; Repl mains	03/05/1999	\$4,845,000.00
7057-01	Fenton	Genesee Co	New grnd stg tank, repair stg	03/05/1999	\$1,480,000.00
7066-01	Ironwood	Gogebic Co	Well field imp, WTP imp	03/05/1999	\$900,000.00
7005-02	Lansing Twp	Ingham Co	Installation of 4000 lineal feet	05/25/1999	\$780,000.00
7021-02	Washtenaw Co	Saline	Seg 2; Main repl, looping, press	05/25/1999	\$1,420,000.00
7038-01	Melvindale	Wayne Co	Repl mains, looping	05/25/1999	\$1,100,000.00
7046-01	East Jordan	Charlevoix Co	Phase 1; Grnd stg, repl mains	05/25/1999	\$850,000.00
7048-01	Plainwell	Allegan Co	2 new wells, elev stg, main ext	05/25/1999	\$1,570,000.00
7059-01	Holly	Oakland Co	New well, rehab/expnd trt plant,	05/25/1999	\$1,435,000.00
7007-01	Mt Morris	Genesee Co	Distribution main replacement	09/03/1999	\$420,000.00
7008-01	White Cloud	Newaygo Co	New 200,000 gallon water storage	09/03/1999	\$835,000.00
7019-01	Flint	Genesee Co	WTP upgrade, seg 1	09/03/1999	\$7,220,000.00
7044-01	Sanilac Co	Lexington	Upgrd/Expnd Lk Huron intake, WTP	09/03/1999	\$2,040,000.00
7052-01	St Clair Co	East China/China Twp	New intake, WTP, repl mains	09/03/1999	\$8,425,000.00
7053-01	Caro	Tuscola Co	Repl dist mains, new well, trans	09/03/1999	\$1,035,000.00
7058-01	Highland Park	Wayne Co	WM Improv; WTP Improv	09/03/1999	\$6,000,000.00
7064-01	Eaton Rapids	Eaton Co	Repl mains, dist ext, WTP upgrd	09/03/1999	\$1,745,000.00
7065-01	Grand Beach	Berrien Co	Repl mains	09/03/1999	\$720,000.00
7069-01	YCUA	Washtenaw Co	Phase 2; Repl mains	09/03/1999	\$1,085,000.00
7086-01	East Jordan	Charlevoix Co	Phase 2; New well, ps, repl mai	09/03/1999	\$1,290,000.00
7001-03	Wixom	Oakland Co	Segment 3; Main extensions	03/02/2000	\$7,290,000.00
7039-03	Mt Clemens	Macomb Co	Seg 3; Repl mains, looping	06/01/2000	\$1,960,000.00
7082-01	Colon	St Joseph Co	New elev stg tank, new well, re	06/01/2000	\$2,085,000.00

Project Type: DWRF Loan Sorted By: Binding Commitment Date

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Attachment 1

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Department of Environmental Quality Funded Project Report

DWRF

Project #	Applicant	Location	PPL Description	Binding Comm. Date	Binding Comm. Amount
7091-01	Ottawa Co	Allendale Twp	New booster sta, booster sta imp	06/01/2000	\$1,865,000.00
7019-02	Flint	Genesee Co	Clarifier, plate settlers, flume	08/31/2000	\$8,035,000.00
7024-02	Mt Clemens	Macomb Co	Seg 2; WTP upgrd, disinf	08/31/2000	\$2,075,000.00
7090-01	Sparta	Kent Co	New well, repl mains, looping, s	08/31/2000	\$4,330,000.00
7084-01	Chelsea	Washtenaw Co	Seg 1; New production well, tran	11/28/2000	\$6,110,000.00
7067-01	Lake Linden	Houghton Co	New well; gmd strg, repl mains	06/11/2001	\$1,200,000.00
7078-01	Sunfield	Eaton Co	Elev strg tank, looping, remove	06/11/2001	\$880,000.00
7083-01	Hudson	Lenawee Co	Repl high serv & well pumps/moto	06/11/2001	\$1,770,000.00
7103-01	Milford	Oakland Co	Phase 1; WTP filter media, upgrd	06/11/2001	\$1,905,000.00
7010-02	Sault Ste Marie	Chippewa Co	Segment C	09/07/2001	\$1,800,000.00
7019-03	Flint	Genesee Co	Filter rehab, electric rehab	09/07/2001	\$9,480,000.00
7023-02	Blissfield	Lenawee Co	Install nitrate remvl equip	09/07/2001	\$750,000.00
7079-01	Muir	Ionia Co	New wells, elev strg tank, repl	09/07/2001	\$1,850,000.00
7100-01	Nashville	Barry Co	New & repl mains, WTP imps, stan	09/07/2001	\$965,000.00
7079-02	Muir	Ionia Co	Financial segment of 7079-01	11/29/2001	\$340,000.00
7088-01	Port Huron	St Clair Co	Phase 2; Repl mains, looping	11/29/2001	\$8,945,000.00
7084-02	Chelsea	Washtenaw Co	Seg 2; Repl mains, looping	03/12/2002	\$3,090,000.00
7095-01	Jackson Co	Parma	Ext dist mains	03/12/2002	\$1,110,000.00
7106-01	Milford	Oakland Co	Phase 2; Looping, dist main, upg	03/12/2002	\$1,760,000.00
7108-01	Shelby	Oceana Co	Repl mains, looping, booster sta	03/12/2002	\$1,365,000.00
7110-01	Port Huron	St Clair Co	Phase 3; Repl mains, looping	03/12/2002	\$3,930,000.00
7009-01	Escanaba	Delta Co	Treatment plant annex	06/11/2002	\$2,750,000.00
7068-01	Marion	Osceola Co	Replace distribution mains	09/05/2002	\$1,800,000.00
7085-01	Jackson Co	Grass Lake	new strg tank & repl mains	09/05/2002	\$2,255,000.00

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7096-01	Ypsilanti	Washtenaw Co	Phase 3; Repl mains	09/05/2002	\$485,000.00
7098-01	Adrian	Lenawee Co	WTP upgrd, repl mains	09/05/2002	\$5,665,000.00
7101-01	North Branch	Lapeer Co	New well, repl mains	09/05/2002	\$1,320,000.00
7102-01	Monroe Co	South Rockwood	Repl mains, looping, 2nd supply	09/05/2002	\$1,530,000.00
7113-01	Port Huron	St Clair Co	Phase 4; Repl mains, looping	09/05/2002	\$1,805,000.00
7107-01	Fenton	Genesee Co	New WTP w/ iron remvl, sftng, re	11/26/2002	\$9,600,000.00
7010-03	Sault Ste Marie	Chippewa Co	Seg D & Seg E (partial) repl mai	03/11/2003	\$3,135,000.00
7099-01	Monroe Co	Petersburg	Trans main, PS	03/11/2003	\$2,720,000.00
7105-01	Port Huron	St Clair Co	Water main repl. - Tunnel St. Ar	03/11/2003	\$1,800,000.00
7126-01	Grand Blanc	Genesee Co	WTP upgrd, arsenic trt, softenin	03/11/2003	\$3,600,000.00
7126-02	Grand Blanc	Genesee Co	WTP upgrd, arsenic trt, softenin	03/11/2003	\$800,000.00
7128-01	Deerfield	Lenawee Co	New elev stor tank, repl mains,	03/11/2003	\$925,000.00
7043-01	Monitor Twp	Bay Co	Repl mains, looping	06/10/2003	\$455,000.00
7054-01	Port Sanilac	Sanilac Co	New WTP, repl mains, looping	06/10/2003	\$2,135,000.00
7111-01	YCUA	Washtenaw Co	2nd DWSD supply connection - Twp	06/10/2003	\$3,355,000.00
7112-01	Ypsilanti	Washtenaw Co	2nd DWSD supply connection - Cit	06/10/2003	\$785,000.00
7114-01	Barry Co	Yankee Springs Twp	Yankee Springs Twp elev water ta	06/10/2003	\$650,000.00
7115-01	Boyer City	Charlevoix Co	New ground stor tank; new well;	06/10/2003	\$1,785,000.00
7116-01	Charlevoix Co	Boyer City	New ground storage tank, water m	06/10/2003	\$595,000.00
7120-01	Belding	Ionia Co	New well; transmission main; loo	06/10/2003	\$685,000.00
7122-01	Ypsilanti	Washtenaw Co	Repl. Mains - City	06/10/2003	\$5,300,000.00
7125-01	Davison	Genesee Co	Repl mains, looping	06/10/2003	\$2,430,000.00
7129-01	Filer Twp	Manistee Co	New elev stor tank; well imps; d	06/10/2003	\$1,490,000.00
7019-04	Flint	Genesee Co	Seg 4; WTP upgrd/expnd	09/04/2003	\$19,180,000.00

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7034-01	Saline	Washtenaw Co	New WTP	09/04/2003	\$6,840,000.00
7117-01	Portland	Ionia Co	New elev stor tank, new well	09/04/2003	\$1,450,000.00
7138-01	Davison	Genesee Co	WTP upgrd, arsenic trt, well	09/04/2003	\$3,570,000.00
7134-01	Huron Co	Elkton	Repl mains, looping	03/09/2004	\$835,000.00
7136-01	Brighton	Livingston Co	Rehab WTP, repl mains	03/09/2004	\$1,520,000.00
7142-01	Muskegon	Muskegon Co	WTP upgrd/expnd; looping: stg/p	03/09/2004	\$13,900,000.00
7146-01	Ann Arbor	Washtenaw Co	Repl mains	03/09/2004	\$805,000.00
7147-01	Port Huron	St Clair Co	Water main repl. - CSO Area 35	03/09/2004	\$2,315,000.00
7027-01	Ontonagon	Ontonagon Co	New WTP, conn main, ext for cons	06/08/2004	\$7,370,000.00
7123-01	Ypsilanti	Washtenaw Co	Repl mains - City	06/08/2004	\$6,330,000.00
7132-01	Port Huron	St Clair Co	Water main repl. - non CSO Area,	06/08/2004	\$600,000.00
7137-01	Beverly Hills	Oakland Co	Repl mains	06/08/2004	\$3,690,000.00
7139-01	Sanilac Co	Carsonville	Repl mains, looping,	06/08/2004	\$1,065,000.00
7133-01	Amada	Macomb Co	New WTP, new well, repl mains, l	09/02/2004	\$3,740,000.00
7141-01	Independence Twp	Oakland Co	New wells, trt, stor, repl mains	09/02/2004	\$18,000,000.00
7141-02	Independence Twp	Oakland Co	New wells, trt, stor, repl mains	03/15/2005	\$625,000.00
7150-01	Port Huron	St Clair Co	Water main repl. - 24th St	03/15/2005	\$520,000.00
7167-01	Port Huron	St Clair Co	Repl mains - 16th Ave. Phase II	03/15/2005	\$2,015,000.00
7168-01	Port Huron	St Clair Co	Repl mains - Military (Reid to B	03/15/2005	\$2,105,000.00
7156-01	Carson City	Montcalm Co	New strg tank; looping; trans ma	06/07/2005	\$1,600,000.00
7157-01	Kalamazoo Co	Augusta Village	Repl mains; strg tank imp.	06/07/2005	\$750,000.00
7160-01	Marquette Twp	Marquette Co	New wells and strg; ps imp; repl	06/07/2005	\$4,520,000.00
7165-01	Bay City	Bay Co	WTP Upgrade	06/07/2005	\$6,000,000.00
7169-01	Port Huron	St Clair Co	Repl mains - Woodstock Area Phas	06/07/2005	\$510,000.00

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7148-01	Sanilac Co	Carsonville	Arsenic trt	09/01/2005	\$690,000.00
7155-01	Caro	Tuscola Co	WTP Arsenic Trt; Upgrd Wells;	09/01/2005	\$1,780,000.00
7159-01	Marine City	St Clair Co	WTP Imp	09/01/2005	\$2,500,000.00
7161-01	Detroit	Wayne Co	Lake Huron WTP clearwell rehab	09/01/2005	\$15,265,000.00
7162-01	Detroit	Wayne Co	Repl mains	09/01/2005	\$10,710,000.00
7164-01	Shiawassee Co	Byron	WTP; Arsenic Trt, Looping; Stor	09/01/2005	\$850,000.00
7172-01	Galesburg	Kalamazoo Co	Elev strg tank; repl main	03/14/2006	\$2,500,000.00
7176-01	Stockbridge	Ingham Co	Repl mains; looping (Phase 1)	03/14/2006	\$345,000.00
7183-01	Brooklyn	Jackson Co	Repl mains, looping, elev stor t	03/14/2006	\$1,500,000.00
7185-01	Port Huron	St Clair Co	Repl mains - 16th Ave Phase III	03/14/2006	\$1,355,000.00
7186-01	Port Huron	St Clair Co	Repl mains - Erie St. Phase II	03/14/2006	\$1,025,000.00
7187-01	Port Huron	St Clair Co	Repl mains - Merchant St.	03/14/2006	\$705,000.00
7153-01	Sanilac Co	Sanilac Twp	New water system	06/06/2006	\$9,370,000.00
7158-01	Barry Co	Middleville	New wells and strg tank; repl ma	06/06/2006	\$1,040,000.00
7179-01	Reed City	Osceola Co	New strg tank, trans main; repl	06/06/2006	\$1,605,000.00
7188-01	Port Huron	St Clair Co	Repl mains - Woodstock Phase III	06/06/2006	\$825,000.00
7119-01	Port Huron	St Clair Co	WTP filter backwash handling sys	08/31/2006	\$2,040,000.00
7170-01	St Clair Co	Ira Twp	Repl mains	08/31/2006	\$4,900,000.00
7171-01	Ferndale	Oakland Co	Upgrd booster station, new stati	08/31/2006	\$3,475,000.00
7178-01	Detroit	Wayne Co	Repl mains	08/31/2006	\$6,035,000.00
7210-01	Barry Co	Middleville	New well	08/31/2006	\$205,000.00
7183-02	Brooklyn	Jackson Co	Repl mains, looping, elev stor t	11/21/2006	\$365,000.00
7143-01	Mt Clemens	Macomb Co	Upgrd trt, repl mains, rehab sto	03/13/2007	\$3,900,000.00
7174-01	YCUA	Washtenaw Co	Repl mains; looping (twp- Hewitt	03/13/2007	\$2,295,000.00

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7202-01	Pentwater	Oceana Co	Arsenic trt; repl mains; strg ta	03/13/2007	\$1,180,000.00
7203-01	West Bloomfield Twp	Oakland Co	Phase 1: PRVs, SCADA	03/13/2007	\$935,000.00
7204-01	Escanaba	Delta Co	WTP filter backwash basin; strg	03/13/2007	\$2,950,000.00
7205-01	Barry Co	Yankee Springs Twp	WTP - Arsenic trt	03/13/2007	\$450,000.00
7209-01	Watersmeet Twp	Gogebic Co	New well and strg tank	03/13/2007	\$950,000.00
7215-01	Ypsilanti	Washtenaw Co	Repl mains (city-Lowell St.)	03/13/2007	\$375,000.00
7220-01	Port Huron	St Clair Co	Repl mains - Vanness area	03/13/2007	\$1,950,000.00
7194-01	Iron River Twp	Iron Co	New well; upgrd trans main; new	06/05/2007	\$805,000.00
7197-01	Uby	Huron Co	New well (arsenic), meters	06/05/2007	\$500,000.00
7201-01	Fowler	Clinton Co	Arsenic trt; well imp; new trans	06/05/2007	\$805,000.00
7206-01	Sturgis	St Joseph Co	Repl mains; looping	06/05/2007	\$1,160,000.00
7207-01	Ottawa Co	Allendale Twp	2nd supply connection; water mai	06/05/2007	\$2,655,000.00
7212-01	Forsyth Twp	Marquette Co	Water main repl; 2nd supply conn	06/05/2007	\$450,000.00
7213-01	Summit Twp	Jackson Co	New elev strg tank	06/05/2007	\$2,360,000.00
7230-01	Mt Clemens	Macomb Co	Repl mains	06/05/2007	\$320,000.00
7130-01	Adrian	Lenawee Co	New wells, imp wtp sed basins, r	08/30/2007	\$7,890,000.00
7191-01	Lapeer Co	Dryden	Arsenic Trt	08/30/2007	\$695,000.00
7192-01	Lapeer Co	Almont	New elev tank, upgrd boost sta,	08/30/2007	\$2,090,000.00
7195-01	Green Oak Twp	Livingston Co	WTP - Arsenic trt	08/30/2007	\$1,050,000.00
7198-01	Millington	Tuscola Co	WTP - Arsenic trt	08/30/2007	\$500,000.00
7199-01	Waterford Twp	Oakland Co	WTPs, Wells, Extn Dist Mains, L	08/30/2007	\$8,905,000.00
7200-01	Alpena	Alpena Co	Rehab WTP, repl mains	08/30/2007	\$3,650,000.00
7208-01	Mason	Ingham Co	WTP - Radium trt	08/30/2007	\$8,000,000.00
7214-01	Monroe Co	Exeter Twp	Water main ext	08/30/2007	\$3,360,000.00

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7216-01	Ferndale	Oakland Co	New booster sta; repl mains	08/30/2007	\$2,470,000.00
7218-01	West Bloomfield Twp	Oakland Co	Phase 2: Repl mains, looping, PR	03/13/2008	\$7,975,000.00
7232-01	Scio Twp	Washtenaw Co	2nd trans main from Ann Arbor	03/13/2008	\$3,155,000.00
7233-01	Wolverine Lake	Oakland Co	Consolidation w/ DWSD	03/13/2008	\$425,000.00
7235-01	Ford River Twp	Delta Co	2nd river crossing; meters	03/13/2008	\$750,000.00
7246-01	Grand Beach	Berrien Co	Repl mains; looping	03/13/2008	\$735,000.00
7247-01	YCUA	Washtenaw Co	Repl mains (Holmes Rd- Phase 2 -	03/13/2008	\$1,290,000.00
7151-01	Lansing Twp	Ingham Co	Rehab storage; looping (Phase 1)	06/05/2008	\$440,000.00
7217-01	Ferndale	Oakland Co	Repl mains	06/05/2008	\$1,670,000.00
7221-01	Port Huron	St Clair Co	Repl mains - Woodstock Phase IV/	06/05/2008	\$495,000.00
7224-01	Peninsula Twp	Grand Traverse Co	New strg; trans mains; prv/boost	06/05/2008	\$2,500,000.00
7234-01	Hancock	Houghton Co	Repl trans/dist mains; 2nd conn;	06/05/2008	\$3,665,000.00
7243-01	Perry	Shiawassee Co	WTP/well/mains	06/05/2008	\$1,645,000.00
7248-01	Ypsilanti	Washtenaw Co	Repl mains (Armstrong Ct Public	06/05/2008	\$435,000.00
7254-01	West Bloomfield Twp	Oakland Co	Phase 2A: Repl mains, looping, P	06/05/2008	\$790,000.00
7225-01	Wexford Co	Cedar Creek Twp	New PWS (well; distribution)	08/29/2008	\$5,570,000.00
7229-01	Flushing	Genesee Co	Repl mains	08/29/2008	\$1,500,000.00
7236-01	St Joseph	Berrien Co	Water sys upgrd (Phase 1- new st	08/29/2008	\$3,270,000.00
7239-01	Ravenna	Muskegon Co	Phase 1 - WTP/well	08/29/2008	\$1,340,000.00
7240-01	Detroit	Wayne Co	Repl mains	08/29/2008	\$6,500,000.00
7242-01	Milford	Oakland Co	Iron removal; Repl/Extend mains	08/29/2008	\$1,580,000.00
7250-01	Stockbridge	Ingham Co	Repl mains/looping (Phase 2)	08/29/2008	\$530,000.00
7262-01	Benton Harbor	Berrien Co	Water sys impr (Phase 1)	03/27/2009	\$1,630,000.00
7275-01	Port Huron	St Clair Co	Repl mains (21st St, Phase 1)	03/27/2009	\$4,395,000.00

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7249-01	Ypsilanti	Washtenaw Co	Repl mains (Mansfield St)	06/05/2009	\$260,000.00
7252-01	Lansing Twp	Ingham Co	Repl mains (Phase 2)	06/05/2009	\$1,060,000.00
7257-01	Brownstown Twp	Wayne Co	Trans upgrades (Phase 1)	06/05/2009	\$1,975,000.00
7258-01	Howell	Livingston Co	Repl mains/WTP repair/ strg tank	06/05/2009	\$5,295,000.00
7263-01	YCUA	Washtenaw Co	Repl mains (N. Hewitt Rd.)	06/05/2009	\$600,000.00
7265-01	Van Buren Twp	Wayne Co	Repl mains/looping	06/05/2009	\$11,075,000.00
7276-01	Port Huron	St Clair Co	Repl mains (Stone St, Phase 2)	06/05/2009	\$280,000.00
7237-01	St Joseph	Berrien Co	New Intake & shorewell pumping s	08/28/2009	\$9,955,000.00
7227-01	Monroe Co	Monroe	Repl/rehab mains; looping (Phase	09/08/2009	\$5,085,000.00
7259-01	Dearborn	Wayne Co	Repl mains (Phase 1)	09/08/2009	\$1,665,000.00
7241-01	Deerfield	Lenawee Co	Upgrd WTP	12/21/2009	\$1,750,000.00
7255-01	Buchanan	Berrien Co	New well/trans/cont bldg/strg; m	12/21/2009	\$3,105,000.00
7260-01	New Haven	Macomb Co	Repl mains; strg imp	12/21/2009	\$5,295,000.00
7273-01	Benton Harbor	Berrien Co	Water sys impr (Phase 2)	12/21/2009	\$14,370,000.00
7279-01	Allegan	Allegan Co	Water sys impr (Phase 1)	12/21/2009	\$6,245,000.00
7283-01	Lawton	Van Buren Co	New well/strg tank/upgrd meters;	12/21/2009	\$3,240,000.00
7284-01	Marquette	Marquette Co	Water sys impr (Phase 1)	12/21/2009	\$960,000.00
7286-01	St Joseph	Berrien Co	WTP upgrade (filters/generator)	12/21/2009	\$2,155,000.00
7287-01	Greenville	Montcalm Co	Well impr; SCADA; repl/loop main	12/21/2009	\$1,200,000.00
7288-01	White Lake Twp	Oakland Co	Trans imp; Interconnect	12/21/2009	\$1,920,000.00
7289-01	Pittsfield Twp	Washtenaw Co	Repl mains; trans imp	12/21/2009	\$7,845,000.00
7292-01	Gladwin	Gladwin Co	Strg tank; abandon booster staw	12/21/2009	\$1,645,000.00
7293-01	Dexter	Washtenaw Co	New well; chem feed bldg; trans	12/21/2009	\$2,160,000.00
7304-01	Berrien Co	New Buffalo	WTP impr; repl mains	12/21/2009	\$2,660,000.00

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7307-01	Pontiac	Oakland Co	Booster station impr	12/21/2009	\$3,425,000.00
7319-01	Ann Arbor	Washtenaw Co	Repl mains, WTP upgrd, main ext	12/21/2009	\$7,625,000.00
7268-01	Howell	Livingston Co	Repl mains/2nd raw water line (P	03/10/2010	\$3,040,000.00
7301-01	Grosse Pte Woods	Wayne Co	Strg tank	03/10/2010	\$2,190,000.00
7193-01	Monroe Co	Exeter Twp	New WM Service (District 4-A)	06/02/2010	\$4,745,000.00
7280-01	Manistee	Manistee Co	Well impr, repl mains (Phase 1)	06/02/2010	\$465,000.00
7332-01	Grosse Pte Woods	Wayne Co	Mains; Meters	08/25/2010	\$3,990,000.00
7278-01	Plainfield Twp	Kent Co	Filter/trans impr, repl mains/o	03/11/2011	\$7,750,000.00
7325-01	Ann Arbor	Washtenaw Co	Repl mains, WTP impr	03/11/2011	\$735,000.00
7340-01	Genesee Co	Genesee Co	Phase 1 trans mains	03/11/2011	\$1,105,000.00
7346-01	Grand Rapids	Kent Co	Water Sys Impr (LMFP VFD;S, Walk	03/11/2011	\$1,500,000.00
7360-01	Manistee	Manistee Co	Repl mains; well impr (Phase 2)	03/11/2011	\$535,000.00
7361-01	Allegan	Allegan Co	Repl mains; river crossing (Phas	03/11/2011	\$725,000.00
7350-01	Three Rivers	St Joseph Co	WTP impr, main repl/looping	06/03/2011	\$2,665,000.00
7363-01	Marquette	Marquette Co	Repl mains; WTP impr	06/03/2011	\$965,000.00
7364-01	Grand Rapids	Kent Co	Water Sys Impr (Dean Lake)	06/03/2011	\$960,000.00
7269-01	Howell	Livingston Co	Repl mains (Phase 3)	08/26/2011	\$2,655,000.00
7282-01	Holland	Ottawa Co	Interconnect; new transfer pump	08/26/2011	\$7,090,000.00
7294-01	Dexter	Washtenaw Co	WM Repl	08/26/2011	\$1,550,000.00
7333-01	Ann Arbor	Washtenaw Co	Water sys imp (Phase 3)	08/26/2011	\$6,605,000.00
7338-01	Cadillac	Wexford Co	New wells/main	08/26/2011	\$2,925,000.00
7365-01	Grand Rapids	Kent Co	Water Sys Impr (SE Tank)	08/26/2011	\$3,460,000.00
7373-01	Allegan	Allegan Co	Repl mains - Ph 3 (Monroe St)	03/12/2012	\$165,000.00
7313-01	Monroe Co	Exeter Twp	New WM service (District 4-B)	06/04/2012	\$2,360,000.00

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7367-01	Leslie	Ingham Co	Water sys impr (Phase 1)	06/04/2012	\$2,000,000.00
7299-01	Northville Twp	Wayne Co	Repl mains & booster stn upgrd	08/27/2012	\$2,330,000.00
7314-01	South Lyon	Oakland Co	Repl mains, add. LS pump	08/27/2012	\$5,300,000.00
7362-01	Ann Arbor	Washtenaw Co	Water sys imp (Phase 4)	08/27/2012	\$10,795,000.00
7374-01	Grand Rapids	Kent Co	Water sys impr	08/27/2012	\$4,380,000.00
7381-01	Grand Rapids	Kent Co	Concrete restoration-floc/seed ba	11/21/2012	\$770,000.00
7383-01	YCUA	Washtenaw Co	Smokler Textile Subdivision--WM	03/11/2013	\$2,140,000.00
7377-01	Waterford Twp	Oakland Co	WM Repl/Rehab and Meters	06/03/2013	\$11,415,000.00
7281-01	Kentwood	Kent Co	New trans; repl mains; looping	08/26/2013	\$6,250,000.00
7375-01	Ann Arbor	Washtenaw Co	Barton Dam PS Electrical Upgrd	08/26/2013	\$3,025,000.00
7376-01	Beecher Metro District	Genesee Co	WM Repl, Strg	08/26/2013	\$3,000,000.00
7380-01	Bay Co	Bay City	Installation of membrane wip; tr	08/26/2013	\$12,000,000.00
7380-02	Bay Co - County Road Comm	Bay City	Membrane WTP; Trans WM;--Segment	11/22/2013	\$15,000,000.00
7378-01	Port Huron	St Clair Co	Repl mains (Nern St Area)	03/11/2014	\$2,300,000.00
7355-01	Livonia	Wayne Co	Phase 1 WM repl; PRV	06/03/2014	\$3,775,000.00
7388-01	Burton	Genesee Co	WM, Looping, PRV repl, SCADA	06/03/2014	\$6,000,000.00
7390-01	Nashville	Nashville	Watermain repl, pump and well im	06/03/2014	\$670,000.00
7010-06	Sault Ste Marie	Chippewa Co	WM - Phase C-3	08/26/2014	\$5,120,000.00
7335-01	Oakland Co	Pontiac	Trans main looping;WM repl	08/26/2014	\$6,890,000.00
7369-01	Huron Charter Twp	Wayne Co	WM Rpl	08/26/2014	\$2,735,000.00
7379-01	Marquette	Marquette Co	Storage tank impr	08/26/2014	\$330,000.00
7387-01	Grand Blanc	Genesee Co	Water system improvements	08/26/2014	\$1,900,000.00
7389-01	Beecher Metro District	Genesee Co	Beecher water sys improvement, d	08/26/2014	\$2,180,000.00
7394-01	Grand Rapids	Kent Co	Concrete restor at filter cells;	08/26/2014	\$3,545,000.00

Project Type: DWRF Loan Sorted By: Binding Commitment Date

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Attachment 1

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Department of Environmental Quality

Funded Project Report

DWRF

Project #	Applicant	Location	PPL Description	Binding Comm. Date	Binding Comm. Amount
7395-01	Benzonia	Benzie Co	New well, watermain, tank, SCADA	08/26/2014	\$615,000.00
7380-03	Bay Co	Bay City	Membrane WTP, Trans WM-segment 3	11/19/2014	\$7,000,000.00
7396-01	Northport	Leelanau	New well, SCADA, watermain imp	03/13/2015	\$800,000.00
7407-01	Grand Rapids	Kent Co	PS and WM improv	03/13/2015	\$10,000,000.00
7320-01	YCUA	Washtenaw Co	Repl mains (E. Michigan Ave)	06/03/2015	\$450,000.00
7356-01	Livonia	Wayne Co	Phase 2 WM Repl	06/03/2015	\$9,050,000.00
7393-01	Bay City	Bay Co	Capital Improvement Prog, waterm	06/03/2015	\$4,315,000.00
7397-01	Burton	Genesee Co	WM, Looping, Water tank improvem	06/03/2015	\$5,000,000.00
7401-01	Manchester	Washtenaw Co	Water main replacements and impr	06/03/2015	\$1,080,000.00
7406-01	Oakland Co	Pontiac	Water main repl, meter repl, Pha	06/03/2015	\$6,850,000.00
7341-01	Genesee Co	Genesee Co	WM Repl	08/26/2015	\$1,315,000.00
7402-01	Loch Alpine Sanitary Authority	Washtenaw Co	Water main replacements	08/26/2015	\$1,830,000.00
7406-02	Oakland Co	Pontiac	Water meter installation	08/26/2015	\$720,000.00
7398-01	Burton	Genesee Co	Watermain Replacement - Phase 3	03/14/2016	\$4,030,000.00
7411-01	Grand Rapids	Kent Co.	Tank repairs	03/14/2016	\$2,830,000.00
7405-01	Genesee Co Drain Commissioner	Genesee Co	Metering Project	06/01/2016	\$6,430,000.00
7408-01	Oakland Co	Pontiac	Meter replacement (Phase 2)	08/24/2016	\$5,165,000.00
7410-01	Loch Alpine Sanitary Authority	Washtenaw Co	Watermain improvement (Phase 2)	08/24/2016	\$1,655,000.00
7412-01	GLWA	DWSD	Watermain replacement	08/24/2016	\$10,605,000.00
7413-01	GLWA	DWSD	Watermain replacement	08/24/2016	\$5,180,000.00
7399-01	Burton	Genesee Co	Watermain replacement (Phase 4)	03/14/2017	\$3,895,000.00
7421-01	City of Flint	Genesee Co	Service Line Repl	05/16/2017	\$40,000,000.00
7414-01	GLWA	DWSD	Watermain replacement	06/01/2017	\$8,675,000.00
7416-01	Southgate	Wayne Co	Cured in place watermain rehab	06/01/2017	\$3,660,000.00

Project Type: DWRF Loan Sorted By: Binding Commitment Date

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Department of Environmental Quality Funded Project Report

DWRF

Project #	Applicant	Location	PPL Description	Binding Comm. Date	Binding Comm. Amount
7400-01	City of Burton	Genesee County	Watermain replacement ph.5	03/14/2018	\$2,990,000.00
7429-01	Village of Lake Orion	Oakland County	Watermain replacement ph 1 & ph2	06/01/2018	\$6,030,000.00
7427-01	City of St. Joseph	Berrien County	WTP improvement, watermain repla	08/23/2018	\$16,095,000.00
7428-01	City of Highland Park	Wayne County	Watermain replacement & looping	08/23/2018	\$6,000,000.00

Total Binding Comm. Amount for 292 Project(s): \$980,370,000.00

Attachment 2

Attachment 2: FY 2018 Project Summaries

City of Burton 7400-01

Drinking Water System Improvements

Towns Served: City of Burton
SRF-funded Amount: \$2,990,000
Engineer: Stantec Consulting Michigan, Inc.
Contractor: Salenbien Trucking and Excavating, Inc.

This project is designed to advance water quality, pressure, reliability, and redundancy as well as to address system components that have exceeded or are at the end of their recommended useful design lives by replacing an estimated 15,000 linear feet of existing water main pipe along with the necessary appurtenances.

City of Highland Park 7428-01

Drinking Water System Improvements

Towns Served: City of Highland Park
SRF-funded Amount: \$6,000,000
Engineer: Metro Consulting Associates, LLC.
Contractors: Bricco Excavating Company, LLC.

This project is designed to address substantial water loss and cross contamination risk as well as stagnant water inside the drinking water system by replacing existing water main and installing new water main loops, amounting to an estimated total of 21,559 linear feet of pipe, along with the necessary appurtenances.

City of St. Joseph DWRP 7427-01

Water System Improvements

Towns Served: City of St. Joseph, Lincoln Charter Township, Royalton Township, St. Joseph Charter Township
DWRP-funded Amount: \$16,095,000
Engineer: Jacobs Engineering (formerly CH2M-Hill Milwaukee)
Contractors: Davis Construction Co. (WTP), Kalin Construction Co. (water mains)

The DWRP loan is funding improvements to the water treatment plant (WTP) located in the city of St. Joseph, including construction of a new high-service pump station, new chemical systems, filter improvements, and various other associated modifications. A small portion of the loan (less than \$290,000) involved water main improvements along Wallace Avenue and Stadium Drive, where a DEQ-funded pilot grant reimbursed for the associated lead service line replacements.

**Village of Lake Orion 7429-01
Wastewater System Improvements**

Towns Served: Village of Lake Orion
SRF-funded Amount: \$6,030,000
Engineer: Hubbell, Roth, and Clark
Contractors: Fontana Construction, Inc.

The project is the first two phases of a watermain replacement project. The project will replace approximately 25,933 feet of existing 4-inch and 6-inch-diameter water mains with 8-inch-diameter water main and replace existing 8-inch-diameter water main that has had numerous breaks in recent years.

Attachment 3



Department of Environmental Quality Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7001-01	Wixom	\$1,644,580		\$2,250,420			\$3,895,000.00
7001-02	Wixom	\$6,180,000					\$6,180,000.00
7001-03	Wixom	\$6,132,694				\$1,157,306	\$7,290,000.00
7002-01	Breckenridge				\$330,000		\$330,000.00
7004-01	Marine City			\$1,155,000			\$1,155,000.00
7005-01	Lansing Twp	\$425,000					\$425,000.00
7005-02	Lansing Twp	\$780,000					\$780,000.00
7006-01	Otisville	\$162,677			\$212,323		\$375,000.00
7007-01	Mt Morris	\$420,000					\$420,000.00
7008-01	White Cloud	\$268,160		\$566,840			\$835,000.00
7009-01	Escanaba		\$2,750,000				\$2,750,000.00
7010-01	Sault Ste Marie	\$4,155,000					\$4,155,000.00
7010-02	Sault Ste Marie	\$1,800,000					\$1,800,000.00
7010-03	Sault Ste Marie	\$3,135,000					\$3,135,000.00
7010-06	Sault Ste Marie	\$5,120,000					\$5,120,000.00
7011-01	Rockford	\$398,214	\$1,812,997		\$228,789		\$2,440,000.00
7013-01	Summit Twp	\$2,350,117	\$648,308	\$972,462	\$659,113		\$4,630,000.00
7014-01	Oxford	\$1,895,000					\$1,895,000.00
7015-01	Flushing	\$2,045,000					\$2,045,000.00
7017-01	YCUA	\$4,935,000					\$4,935,000.00
7018-01	Carrollton Twp	\$2,165,000					\$2,165,000.00
7019-01	Flint		\$7,220,000				\$7,220,000.00
7019-02	Flint		\$8,035,000				\$8,035,000.00
7019-03	Flint		\$9,480,000				\$9,480,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7019-04	Flint		\$19,180,000				\$19,180,000.00
7021-01	Washtenaw Co	\$742,160			\$632,840		\$1,375,000.00
7021-02	Washtenaw Co	\$534,348		\$885,652			\$1,420,000.00
7022-01	Manchester	\$501,978	\$118,022				\$620,000.00
7023-01	Blissfield		\$6,485,000				\$6,485,000.00
7023-02	Blissfield		\$750,000				\$750,000.00
7024-01	Mt Clemens		\$2,112,276	\$42,724			\$2,155,000.00
7024-02	Mt Clemens		\$2,075,000				\$2,075,000.00
7026-01	St Clair Co		\$5,012,158	\$2,887,842			\$7,900,000.00
7027-01	Ontonagon	\$7,370,000					\$7,370,000.00
7028-01	Frankfort	\$1,109,563		\$448,738	\$216,699		\$1,775,000.00
7029-01	Van Buren Co	\$830,000					\$830,000.00
7030-01	Coopersville	\$750,000					\$750,000.00
7031-01	Hudsonville	\$500,000					\$500,000.00
7032-01	Ottawa Co	\$395,000					\$395,000.00
7034-01	Saline	\$360,843	\$6,419,494		\$59,663		\$6,840,000.00
7038-01	Melvindale	\$1,100,000					\$1,100,000.00
7039-01	Mt Clemens	\$855,000					\$855,000.00
7039-02	Mt Clemens	\$4,845,000					\$4,845,000.00
7039-03	Mt Clemens	\$1,960,000					\$1,960,000.00
7042-01	Lapeer Co	\$1,041,498			\$113,502		\$1,155,000.00
7043-01	Monitor Twp	\$455,000					\$455,000.00
7044-01	Sanilac Co	\$647,413			\$822,113	\$570,474	\$2,040,000.00
7046-01	East Jordan	\$335,028		\$509,058	\$5,914		\$850,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7048-01	Plainwell	\$572,385		\$737,650	\$259,965		\$1,570,000.00
7052-01	St Clair Co	\$641,936	\$6,395,323	\$595,468	\$792,273		\$8,425,000.00
7053-01	Caro	\$729,845			\$305,155		\$1,035,000.00
7054-01	Port Sanilac	\$1,283,433	\$851,567				\$2,135,000.00
7057-01	Fenton	\$643,069		\$770,926		\$66,005	\$1,480,000.00
7058-01	Highland Park	\$2,746,269	\$3,253,731				\$6,000,000.00
7059-01	Holly	\$513,639	\$762,672	\$158,689			\$1,435,000.00
7064-01	Eaton Rapids	\$1,293,940	\$451,060				\$1,745,000.00
7065-01	Grand Beach	\$710,000			\$10,000		\$720,000.00
7066-01	Ironwood				\$900,000		\$900,000.00
7067-01	Lake Linden	\$516,578		\$373,636	\$309,786		\$1,200,000.00
7068-01	Marton	\$1,762,927			\$37,073		\$1,800,000.00
7069-01	YCUA	\$1,085,000					\$1,085,000.00
7078-01	Sunfield	\$106,857		\$773,143			\$880,000.00
7079-01	Muir	\$751,562		\$578,125	\$520,313		\$1,850,000.00
7079-02	Muir	\$136,000		\$136,000	\$68,000		\$340,000.00
7082-01	Colon	\$1,483,596		\$306,478	\$211,672	\$83,254	\$2,085,000.00
7083-01	Hudson	\$399,802	\$1,222,827	\$147,371			\$1,770,000.00
7084-01	Chelsea	\$497,768	\$5,612,232				\$6,110,000.00
7084-02	Chelsea	\$3,090,000					\$3,090,000.00
7085-01	Jackson Co	\$1,441,944		\$813,056			\$2,255,000.00
7086-01	East Jordan	\$1,241,920			\$48,080		\$1,290,000.00
7088-01	Port Huron	\$8,945,000					\$8,945,000.00
7090-01	Sparta	\$3,911,188			\$418,812		\$4,330,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7091-01	Ottawa Co	\$1,865,000					\$1,865,000.00
7095-01	Jackson Co	\$1,110,000					\$1,110,000.00
7096-01	Ypsilanti	\$485,000					\$485,000.00
7098-01	Adrian	\$1,140,140	\$4,524,860				\$5,665,000.00
7099-01	Monroe Co	\$2,720,000					\$2,720,000.00
7100-01	Nashville	\$789,135	\$175,865				\$965,000.00
7101-01	North Branch	\$1,054,303			\$265,697		\$1,320,000.00
7102-01	Monroe Co	\$1,530,000					\$1,530,000.00
7103-01	Milford	\$449,152	\$89,044	\$1,366,804			\$1,905,000.00
7105-01	Port Huron	\$1,800,000					\$1,800,000.00
7106-01	Milford	\$1,311,780		\$448,220			\$1,760,000.00
7107-01	Fenton	\$2,989,242	\$6,074,877		\$535,881		\$9,600,000.00
7108-01	Shelby	\$1,120,814			\$244,186		\$1,365,000.00
7110-01	Port Huron	\$3,930,000					\$3,930,000.00
7111-01	YCUA				\$3,355,000		\$3,355,000.00
7112-01	Ypsilanti					\$785,000	\$785,000.00
7113-01	Port Huron	\$1,805,000					\$1,805,000.00
7114-01	Barry Co			\$650,000			\$650,000.00
7115-01	Boyne City	\$1,426,073			\$358,927		\$1,785,000.00
7116-01	Charlevoix Co			\$595,000			\$595,000.00
7117-01	Portland	\$73,583		\$962,381		\$414,036	\$1,450,000.00
7119-01	Port Huron		\$2,040,000				\$2,040,000.00
7120-01	Beiding	\$318,220				\$366,780	\$685,000.00
7122-01	Ypsilanti	\$5,300,000					\$5,300,000.00

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Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7123-01	Ypsilanti	\$6,330,000					\$6,330,000.00
7125-01	Davison	\$2,430,000					\$2,430,000.00
7126-01	Grand Blanc		\$3,600,000				\$3,600,000.00
7126-02	Grand Blanc		\$800,000				\$800,000.00
7128-01	Deerfield	\$292,221		\$632,779			\$925,000.00
7129-01	Filer Twp	\$706,389		\$783,611			\$1,490,000.00
7130-01	Adrian	\$5,482,184	\$915,985		\$1,491,831		\$7,890,000.00
7132-01	Port Huron	\$600,000					\$600,000.00
7133-01	Armada	\$2,652,424	\$784,356		\$303,220		\$3,740,000.00
7134-01	Huron Co	\$835,000					\$835,000.00
7136-01	Brighton		\$1,520,000				\$1,520,000.00
7137-01	Beverly Hills	\$3,690,000					\$3,690,000.00
7138-01	Davison		\$3,570,000				\$3,570,000.00
7139-01	Sanilac Co	\$1,065,000					\$1,065,000.00
7141-01	Independence Twp	\$5,542,629	\$5,542,630	\$1,875,987	\$5,038,754		\$18,000,000.00
7141-02	Independence Twp	\$277,778	\$277,778	\$69,444			\$625,000.00
7142-01	Muskegon		\$13,900,000				\$13,900,000.00
7143-01	MT Clemens		\$3,343,859	\$556,141			\$3,900,000.00
7146-01	Ann Arbor	\$805,000					\$805,000.00
7147-01	Port Huron	\$2,315,000					\$2,315,000.00
7148-01	Sanilac Co		\$690,000				\$690,000.00
7150-01	Port Huron	\$520,000					\$520,000.00
7151-01	Lansing Twp	\$275,655		\$164,345			\$440,000.00
7153-01	Sanilac Co	\$8,813,702		\$556,298			\$9,370,000.00

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Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7155-01	Caro		\$1,780,000				\$1,780,000.00
7156-01	Carson City	\$601,435		\$998,565			\$1,600,000.00
7157-01	Kalamazoo Co	\$738,278		\$11,722			\$750,000.00
7158-01	Barry Co	\$235,587		\$804,413			\$1,040,000.00
7159-01	Marine City		\$2,500,000				\$2,500,000.00
7160-01	Marquette Twp	\$2,444,191		\$555,863	\$1,519,946		\$4,520,000.00
7161-01	Detroit			\$15,265,000			\$15,265,000.00
7162-01	Detroit	\$10,710,000					\$10,710,000.00
7164-01	Shiawassee Co	\$125,232	\$497,996	\$226,772			\$850,000.00
7165-01	Bay City		\$6,000,000				\$6,000,000.00
7167-01	Port Huron	\$2,015,000					\$2,015,000.00
7168-01	Port Huron	\$2,105,000					\$2,105,000.00
7169-01	Port Huron	\$510,000					\$510,000.00
7170-01	St Clair Co	\$4,900,000					\$4,900,000.00
7171-01	Femdale	\$3,475,000					\$3,475,000.00
7172-01	Galesburg	\$1,154,006		\$1,181,886	\$164,108		\$2,500,000.00
7174-01	YCUA	\$2,295,000					\$2,295,000.00
7176-01	Stockbridge	\$274,592				\$70,408	\$345,000.00
7178-01	Detroit	\$6,035,000					\$6,035,000.00
7179-01	Reed City	\$857,124		\$747,876			\$1,605,000.00
7183-01	Brooklyn	\$779,220		\$720,780			\$1,500,000.00
7183-02	Brooklyn	\$189,800		\$175,200			\$365,000.00
7185-01	Port Huron	\$1,355,000					\$1,355,000.00
7186-01	Port Huron	\$1,025,000					\$1,025,000.00

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Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7187-01	Port Huron	\$705,000					\$705,000.00
7188-01	Port Huron	\$825,000					\$825,000.00
7191-01	Lapeer Co		\$576,850		\$118,150		\$695,000.00
7192-01	Lapeer Co	\$574,368		\$1,515,632			\$2,090,000.00
7193-01	Monroe Co	\$4,745,000					\$4,745,000.00
7194-01	Iron River Twp	\$727,542			\$77,458		\$805,000.00
7195-01	Green Oak Twp		\$1,050,000				\$1,050,000.00
7197-01	Ubyly	\$40,027	\$12,557		\$156,967	\$290,449	\$500,000.00
7198-01	Millington		\$500,000				\$500,000.00
7199-01	Waterford Twp	\$552,996	\$8,026,601		\$325,403		\$8,905,000.00
7200-01	Alpena	\$2,680,070	\$969,930				\$3,650,000.00
7201-01	Fowler	\$72,450	\$732,550				\$805,000.00
7202-01	Pentwater	\$442,288	\$488,494	\$249,218			\$1,180,000.00
7203-01	West Bloomfield Twp					\$935,000	\$935,000.00
7204-01	Escanaba		\$2,782,354	\$167,646			\$2,950,000.00
7205-01	Barry Co		\$450,000				\$450,000.00
7206-01	Sturgis	\$1,160,000					\$1,160,000.00
7207-01	Ottawa Co	\$2,655,000					\$2,655,000.00
7208-01	Mason	\$1,782,019	\$6,217,981				\$8,000,000.00
7209-01	Watersmeet Twp			\$724,938	\$225,062		\$950,000.00
7210-01	Barry Co				\$205,000		\$205,000.00
7212-01	Forsyth Twp	\$449,006		\$994			\$450,000.00
7213-01	Summit Twp	\$321,504		\$2,038,496			\$2,360,000.00
7214-01	Monroe Co	\$3,360,000					\$3,360,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7215-01	Ypsilanti	\$375,000					\$375,000.00
7216-01	Ferdale	\$2,470,000					\$2,470,000.00
7217-01	Ferdale	\$1,670,000					\$1,670,000.00
7218-01	West Bloomfield Twp	\$7,975,000					\$7,975,000.00
7220-01	Port Huron	\$1,950,000					\$1,950,000.00
7221-01	Port Huron	\$495,000					\$495,000.00
7224-01	Peninsula Twp	\$1,821,413		\$678,587			\$2,500,000.00
7225-01	Wexford Co	\$3,189,137			\$2,380,863		\$5,570,000.00
7227-01	Monroe Co	\$5,085,000					\$5,085,000.00
7229-01	Flushing	\$1,500,000					\$1,500,000.00
7230-01	Mt Clemens	\$320,000					\$320,000.00
7232-01	Scio Twp	\$3,155,000					\$3,155,000.00
7233-01	Wolverine Lake	\$425,000					\$425,000.00
7234-01	Hancock	\$3,133,516			\$531,484		\$3,665,000.00
7235-01	Ford River Twp	\$750,000					\$750,000.00
7236-01	St Joseph			\$3,270,000			\$3,270,000.00
7237-01	St Joseph				\$9,955,000		\$9,955,000.00
7239-01	Ravenna		\$1,220,887		\$119,113		\$1,340,000.00
7240-01	Detroit	\$6,500,000					\$6,500,000.00
7241-01	Deerfield		\$1,750,000				\$1,750,000.00
7242-01	Milford	\$1,162,846	\$417,154				\$1,580,000.00
7243-01	Perry		\$1,645,000				\$1,645,000.00
7246-01	Grand Beach	\$735,000					\$735,000.00
7247-01	YCUA	\$1,290,000					\$1,290,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Department of Environmental Quality

Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7248-01	Ypsilanti	\$435,000					\$435,000.00
7249-01	Ypsilanti	\$260,000					\$260,000.00
7250-01	Stockbridge	\$483,499	\$46,501				\$530,000.00
7252-01	Lansing Twp	\$1,060,000					\$1,060,000.00
7254-01	West Bloomfield Twp	\$790,000					\$790,000.00
7255-01	Buchanan	\$636,492		\$171,022	\$1,315,424	\$982,062	\$3,105,000.00
7257-01	Brownstown Twp	\$1,975,000					\$1,975,000.00
7258-01	Howell	\$5,295,000					\$5,295,000.00
7259-01	Dearborn	\$1,655,000					\$1,655,000.00
7260-01	New Haven	\$5,077,018	\$0	\$120,573	\$0	\$97,409	\$5,295,000.00
7262-01	Benton Harbor	\$1,049,787		\$17,870		\$562,343	\$1,630,000.00
7263-01	YCUA	\$600,000					\$600,000.00
7265-01	Van Buren Twp	\$4,375,684		\$6,699,316			\$11,075,000.00
7268-01	Howell	\$3,040,000					\$3,040,000.00
7269-01	Howell	\$2,655,000					\$2,655,000.00
7273-01	Benton Harbor		\$14,370,000				\$14,370,000.00
7275-01	Port Huron	\$4,395,000					\$4,395,000.00
7276-01	Port Huron	\$280,000					\$280,000.00
7278-01	Plainfield Twp	\$5,277,150	\$35,670	\$2,437,180			\$7,750,000.00
7279-01	Allegan	\$165,069	\$5,550,560	\$435,338	\$94,033		\$6,245,000.00
7280-01	Manistee	\$465,000					\$465,000.00
7281-01	Kentwood	\$6,250,000					\$6,250,000.00
7282-01	Holland	\$0	\$0	\$0	\$0	\$7,090,000	\$7,090,000.00
7283-01	Lawton	\$1,112,490		\$1,664,155	\$463,355		\$3,240,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Department of Environmental Quality

Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7284-01	Marquette	\$877,912	\$82,088				\$960,000.00
7286-01	St Joseph		\$2,155,000				\$2,155,000.00
7287-01	Greenville	\$197,017			\$1,002,983		\$1,200,000.00
7288-01	White Lake Twp	\$1,920,000	\$0	\$0	\$0	\$0	\$1,920,000.00
7289-01	Pittsfield Twp	\$7,845,000					\$7,845,000.00
7292-01	Gladwin			\$1,645,000			\$1,645,000.00
7293-01	Dexter	\$1,108,633	\$251,484		\$799,883		\$2,160,000.00
7294-01	Dexter	\$1,550,000					\$1,550,000.00
7299-01	Northville Twp	\$2,330,000					\$2,330,000.00
7301-01	Grosse Pte Woods			\$2,190,000			\$2,190,000.00
7304-01	Berrien Co	\$395,381	\$2,264,619				\$2,660,000.00
7307-01	Pontiac	\$3,425,000					\$3,425,000.00
7313-01	Monroe Co	\$2,360,000					\$2,360,000.00
7314-01	South Lyon	\$5,243,064	\$56,936				\$5,300,000.00
7319-01	Ann Arbor	\$2,932,692	\$4,692,308				\$7,625,000.00
7320-01	YCUA	\$450,000					\$450,000.00
7325-01	Ann Arbor	\$735,000					\$735,000.00
7332-01	Grosse Pte Woods	\$2,543,992	\$0	\$0	\$0	\$1,446,008	\$3,990,000.00
7333-01	Ann Arbor	\$3,250,554			\$3,354,446		\$6,605,000.00
7335-01	Oakland Co	\$6,890,000					\$6,890,000.00
7338-01	Cadillac	\$734,622			\$2,190,378		\$2,925,000.00
7340-01	Genesee Co	\$1,105,000					\$1,105,000.00
7341-01	Genesee Co	\$1,315,000	\$0	\$0	\$0	\$0	\$1,315,000.00
7346-01	Grand Rapids	\$902,743				\$597,257	\$1,500,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Attachment 3

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Department of Environmental Quality

Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7350-01	Three Rivers	\$1,795,000	\$870,000				\$2,665,000.00
7355-01	Livonia	\$3,775,000					\$3,775,000.00
7356-01	Livonia	\$9,050,000	\$0	\$0	\$0	\$0	\$9,050,000.00
7360-01	Manistee	\$478,511			\$56,489		\$535,000.00
7361-01	Allegan	\$725,000					\$725,000.00
7362-01	Ann Arbor	\$10,795,000					\$10,795,000.00
7363-01	Marquette	\$965,000					\$965,000.00
7364-01	Grand Rapids					\$960,000	\$960,000.00
7365-01	Grand Rapids			\$3,460,000			\$3,460,000.00
7367-01	Leslie		\$1,112,069		\$163,240	\$724,691	\$2,000,000.00
7369-01	Huron Charter Twp	\$2,735,000					\$2,735,000.00
7373-01	Allegan	\$165,000					\$165,000.00
7374-01	Grand Rapids	\$468,942				\$3,911,058	\$4,380,000.00
7375-01	Ann Arbor	\$0	\$0	\$0	\$0	\$3,025,000	\$3,025,000.00
7376-01	Beecher Metro District	\$2,143,636	\$556,637	\$199,818		\$99,909	\$3,000,000.00
7377-01	Waterford Twp	\$5,875,478	\$0	\$0	\$0	\$5,539,522	\$11,415,000.00
7378-01	Port Huron	\$2,300,000					\$2,300,000.00
7379-01	Marquette			\$330,000			\$330,000.00
7380-01	Bay Co	\$1,410,924	\$10,576,539	\$12,537			\$12,000,000.00
7380-02	Bay Co - County Road Comm	\$2,063,677	\$10,597,255	\$2,339,068			\$15,000,000.00
7380-03	Bay Co	\$980,000	\$4,970,000	\$1,050,000			\$7,000,000.00
7381-01	Grand Rapids					\$770,000	\$770,000.00
7383-01	YCUA	\$2,140,000					\$2,140,000.00
7387-01	Grand Blanc	\$294,223	\$0	\$270,882	\$655,761	\$679,134	\$1,900,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs

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Department of Environmental Quality

Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7388-01	Burton	\$6,000,000	\$0	\$0	\$0	\$0	\$6,000,000.00
7389-01	Beecher Metro District	\$1,398,930		\$676,150	\$104,920		\$2,180,000.00
7390-01	Nashville	\$670,000					\$670,000.00
7393-01	Bay City	\$3,334,318	\$0	\$980,682	\$0	\$0	\$4,315,000.00
7394-01	Grand Rapids	\$0	\$2,890,751	\$0	\$0	\$654,249	\$3,545,000.00
7395-01	Benzonia	\$187,101		\$119,047	\$308,852		\$615,000.00
7396-01	Northport	\$291,497			\$508,503		\$800,000.00
7397-01	Burton	\$5,000,000	\$0	\$0	\$0	\$0	\$5,000,000.00
7398-01	Burton	\$4,030,000					\$4,030,000.00
7399-01	Burton	\$3,895,000					\$3,895,000.00
7400-01	City of Burton	\$2,990,000	\$0	\$0	\$0	\$0	\$2,990,000.00
7401-01	Manchester	\$1,080,000					\$1,080,000.00
7402-01	Loch Alpine Sanitary Authority	\$1,830,000					\$1,830,000.00
7405-01	Genesee Co Drain Commissioner				\$6,430,000		\$6,430,000.00
7406-01	Oakland Co	\$4,682,194			\$2,167,806		\$6,850,000.00
7406-02	Oakland Co				\$720,000		\$720,000.00
7407-01	Grand Rapids	\$8,824,745	\$0	\$0	\$1,175,255		\$10,000,000.00
7408-01	Oakland Co	\$5,165,000					\$5,165,000.00
7410-01	Loch Alpine Sanitary Authority	\$1,655,000	\$0	\$0	\$0	\$0	\$1,655,000.00
7411-01	Grand Rapids	\$0	\$0	\$2,830,000	\$0	\$0	\$2,830,000.00
7412-01	GLWA	\$10,605,000					\$10,605,000.00
7413-01	GLWA	\$5,180,000					\$5,180,000.00
7414-01	GLWA	\$8,675,000	\$0	\$0	\$0	\$0	\$8,675,000.00

Project Type: DWRF Loan Sorted By: Category OOA Costs
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Department of Environmental Quality

Funded Project Report

DWRF

Project #	Applicant	Trans/Distribution I	Treatment II	Storage IIIA	Source IVA	Other V	Binding Comm. Amt
7416-01	Southgate	\$3,660,000	\$0	\$0	\$0	\$0	\$3,660,000.00
7421-01	City of Flint	\$40,000,000	\$0	\$0	\$0	\$0	\$40,000,000.00
7427-01	City of St. Joseph	\$263,935	\$15,831,065	\$0	\$0	\$0	\$16,095,000.00
7428-01	City of Highland Park	\$6,000,000	\$0	\$0	\$0	\$0	\$6,000,000.00
7429-01	Village of Lake Orion	\$6,030,000	\$0	\$0	\$0	\$0	\$6,030,000.00
OOA Totals for 292 Project(s):		558,669,912	253,024,757	80,076,364	46,904,448	41,694,519	\$980,370,000.00

Attachment 4

**Michigan Department of Environmental Quality
Drinking Water Revolving Fund Fiscal Year 2018
Final Project Priority List (PPL) - By Rank**

DWRF

Project No.	Loanee	Location	Description	Binding Commitment Date	Binding Commitment Amount	Notice to Proceed	Estimated Loan Amount
7425-01	Fraser	Macomb Co	Ground level storage, PRVs	declined			\$4,925,000
7418-01	Muskegon Heights	Muskegon Co	Watermain & meter replac	declined			\$5,735,000
7427-01	St. Joseph	Berrien Co	WTP improv, watermain replac	8/23/2018	\$16,095,000	6/11/2018	\$13,055,000
7428-01	Highland Park	Wayne Co	Watermain replac & looping	8/23/2018	\$6,000,000	5/30/2018	\$4,080,000
7426-01	Rochester	Oakland Co	Watermain replac & trans main	declined			\$5,950,000
7400-01	Burton	Genesee Co	Watermain replac (Phase 5)	3/14/2018	\$2,990,000	5/10/2018	\$3,325,000
7429-01	Village of Lake Orion	Oakland Co	Watermain replac (Phase 1 & 2)	6/1/2018	\$6,030,000	7/30/2018	\$4,700,000

4 Total Number of Projects

\$31,115,000

Attachment 5

Project #	Loanee	OOA Date	Calculation Date	OOA Amt	GPR Amt	DWRF Amt	Principal Forgiveness on GPR Amt	Amount paid from 2016 cap grant	GPR Amts	PF Amts
7414-01	GLWA	6/1/2017	5/22/2017	8,675,000	-	-	-	1,975,856	-	1,975,856
7400-01	Burton	3/14/2018	3/2/2018	2,990,000	-	-	-	800,000	-	800,000
7428-01	Highland Park	8/23/2018	8/14/2018	6,000,000	-	-	-	1,400,000	-	1,400,000
				17,665,000	-	-	-	4,175,856	-	4,175,856

GPR Goal:
Add'l Subsidy Goal:

-
5,174,600
 Total cap grant available for loans (net set-asides): 17,852,370 77.53%
 State Match Amt: 5,174,600 22.47%

Add'l Subsidy to allocate

998,744 Cap grant Amt yet to be allocated:
23,026,970

balance: