



**Water Advisory Council  
November 4, 2021**

1. Call to Order
  - a. Guest Introduction
    - i. Kimberly Baron, Director of School Health Services at GRPS
2. Approval of Minutes – September 8, 2021
3. Approval of Agenda
4. Public Comment on Agenda Items
5. Updates
  - a. SDWAC
    - i. Gud Marketing (RFP) – Attachment 1
  - b. EPA Discussion – Environmental Justice – Attachment 2
  - c. State Funding
    - i. \$10 million from DWRP
  - d. Senate Bill 565 - Attachment 3
    1. \$2.5 billion for Water Infrastructure Improvements
  - e. 2021 -2022 LSLRs Construction Projects – Attachment 4
  - f. Year-to-Date LSLRs Map – Attachment 5
  - g. Distribution System Material Inventory
  - h. Member Updates
    - i. Public School - Water Quality Complain
    - ii. Certificates of Service
6. Public Comment
7. Next meeting – January 12, 2022
  - a. New Meeting Schedule
8. Adjournment

**Water Advisory Council**  
**September 8, 2021**  
**8:00 am.**  
**Minutes**

Present

Wayne Jernberg, Jay Ouzts, Doug La Fave, Julius Suchy, Ciarra Adkins

Others Present

Amanda Moore (City of Grand Rapids), Alex Fleet (City of Grand Rapids)

Call to Order

The meeting was called to order at 8:16 am by Mr. Jernberg

Approval of Minutes – July 14, 2021

Motion by Mr. La Fave second by Mr. Suchy

MOTION CARRIED.

Approval of Agenda

Motion by Mr. Adkins and second by Mr. Suchy.

MOTION CARRIED.

Public Comment on Agenda Items

Mr. Jernberg introduced Mrs. Moore as the Digital Content Creator for the City's Communications Department.

Updates

*Term Expiration*

Mr. Jernberg notified council members of their term expiration at the end of the year. Please, let Ms. Contreras know if you wish to continue to serve on the council.

*2021 LSLRs Construction Projects*

Mr. Jernberg gave an update on the projects for the calendar year 2021. There are four outstanding agreements for capital projects and 64 outstanding agreements for the private lead service line replacement project.

*Year-to-Date LSLRs Map*

Year-to-Date, the City has replaced 165 lead services as part of its emergency leak program and 91 lead services as part of the capital projects.

### *Distribution System Material Inventory – Alex Fleet*

Mr. Fleet gave an update on the City's DSMI. Water System staff will begin making calls to schedule inspections in the Fall.

Mr. LaFave said that the City of East Grand Rapids's contractor continues to make progress in completing inspections, and they are on pace to complete them by the end of the year. Mr. Suchy said that Ada Township is scheduled to meet with their contractor to review the Township's service line material inventory submitted to the State last year.

### **2021 Lead and Copper Sampling – Jay Ouzts**

Mr. Ouzts gave the board an update on the lead and copper sampling for 2021. Fifty homes were sampled; the 90<sup>th</sup> percentile for lead is ten ppb and 25.7 ppb for lead. The current regulation for lead is 15 ppb. Staff will submit the results to the State in the next couple of weeks.

### **Corrosion Control**

#### *Water Research Case Study*

Mr. Jernberg said that the GR Water System participated in a Case Study to reevaluate its current corrosion control treatment and proposed recommendations. The study of its corrosion control treatment began in 2017. As part of the study, the Water System completed desktop study and modeling and bench-scale testing. The System has completed Phase I and Phase II of the study. Phase I included a pipe scale analysis, sequential lead profile sampling, bench-scale coupon studies, and hydraulic modeling. Phase II included a flushing study, jar testing for coagulation optimization, ORP and chlorine residual testing, and bench-scale coupon studies. The next part phase of the study is a harvested pipe loop study. The anticipated time for implementation of the orthophosphate is 2024.

#### *Lead Service Line Replacement Letters*

Attached to the agenda are updated lead service line replacement letters for property owners and tenants. Ms. Contreras said that the Utility Engineering staff is launching an LSLR platform that allows property owners to virtually submit their signed agreements and pictures.

### **Imagine a Day Without Water**

Ms. Contreras said that the Water System is ready to launch its Annual Imagine a Day Without Water Writing Contest. This year, Fishbeck has sponsored the System; the prizes range from \$15-\$100 gift cards.

The System will also be hosting a library program at Seymour Branch on October 2 at 11:00 am. The program will be on Virtual Water. Students will create a "water web" to illustrate the dependence on water and interdependence among water users, producers, and people worldwide.

### **Member Updates**

Mr. La Fave said that East Grand Rapids completed testing on the new lead service line replacement equipment. He said that the equipment successfully removed 4-5 lead services in one day.

### **Public Comment**

None

### **Next meeting – November 10, 2021**

The next meeting is scheduled for November 10.

### **Adjournment**

The meeting was adjourned at 9:18 am by Mr. Jernberg.

Contractor must enter company name here.

## **SCHEDULE A - STATEMENT OF WORK CONTRACT ACTIVITIES**

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### **Statewide Drinking Water Advisory Council Outreach Consultant RequestforProposalNo.21000002101**

This schedule identifies the anticipated requirements of any Contract resulting from this RFP. The term "Contractor" in this document refers to a bidder responding to this RFP, as well as the Contractor who is awarded the contract. The term "bidder" is used to identify where specific responses to the RFP are required.

The Contractor must respond to each requirement or question and explain how it will fulfill each requirement. Attach any supplemental information and appropriately reference within your response.

**IMPORTANT NOTE TO CONTRACTORS/BIDDERS: There are specific requirements for which acceptance must be simply acknowledged through a checkbox(es), and others that require further explanation. Click one checkbox and complete the entries as identified.**

### **BACKGROUND**

The Michigan Statewide Drinking Water Advisory Council (SDWAC) was created in 2018 through revisions to the lead and copper provisions of the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and the administrative rules, specifically subrule *R325.10410(6)*. The SDWAC is charged with providing information and support on issues related to lead in Michigan drinking water to 36 Michigan communities serving 50,000 or more people and their respective Water System Advisory Councils (WSAC); approximately 1,400 community water suppliers; and the general public. A complete list of the SDWAC duties is provided in Rule 410 (6)0 of Supplying Water to the Public. The SDWAC is assisting the Michigan Department of Environment, Great Lakes, and Energy (EGLE) with administering up to \$1 million from an infrastructure package to use toward educating the public about lead in water. Up to \$750,000 is available for a Contractor to complete this work within a calendar year.

### **SCOPE**

The purpose of this Request for Proposal (RFP) is to solicit proposals from qualified consultants to assist with developing, implementing, and evaluating the effectiveness of public information, education, and outreach programs to assist the SDWAC with executing its charge. Much information is currently available on lead in drinking water from a wide variety of sources. Goals of this Contract will include, increasing public awareness and understanding of lead in drinking water, particularly for vulnerable and susceptible communities; inventorying and compiling available resources; modifying materials to suit the Michigan circumstances; generating new materials where gaps are

identified; and making them available and understandable to those seeking information on the presence of lead in their drinking water.

The project will need to be organized into the following four (4) major tasks:

- (1) Needs Assessment
- (2) Program Development and Material Creation
- (3) Program Implementation
- (4) Program Evaluation

## **1. Requirements**

### **1.1. General Requirements**

The overall goal of this Contract is to increase public awareness and knowledge about the hazards of lead in drinking water, and actions individuals can take to reduce exposure to lead in drinking water. In addition, work completed under this Contract should assist community water supplies and WSACs with the same goals.

The Contractor will assist EGLE and the SDWAC with creating a public information and education, outreach, and education program, by developing a plan that encompasses the four major tasks listed above.

The approach, types, and resources to be allotted for public information, education, and outreach materials developed in Tasks 2 and 3 will depend on the results of the needs assessment. The Contractor must develop a program plan and schedule for each of the four tasks that will be presented to EGLE before work begins.

#### **A) Needs Assessment**

1. Conduct a kickoff meeting with members of the SDWAC, EGLE staff, and MDHHS to establish the plan for conducting the needs assessment.
2. Conduct a needs assessment that includes the following elements:
  - a. Identification of the needs, including education and documentation, of the different audiences, including but not limited to:
    - i. A diverse group of the general public including members of all races and ethnicities, members of environmental justice (EJ) communities, members of communities with action level exceedances (ALEs), members of communities without ALEs, Limited English Proficiency (LEP) residents
    - ii. Water System Advisory Councils
    - iii. Schools and daycare centers
    - iv. Community Water Supply (CWS) providers
    - v. Nontransient Noncommunity Water Supply (NTNCWS) providers
    - vi. Community and professional organizations, including but not limited to Michigan chapter of the American Water Works Association, other environmental and non-governmental environmental organizations.

- vii. Health providers and health-related organizations, e.g., clinicians and public health professionals
  - b. Review and conduct a gap assessment of existing documentation, pertinent to the audiences identified above, related to education about the risks of lead in drinking water and individual user actions to reduce exposure. Individual user actions could include filter use and selection, and routine flushing. There is an extensive amount of existing material available from many sources including but not limited to:
    - i. SDWAC
    - ii. Michigan Department of Environment, Great Lakes, and Energy (EGLE)
    - iii. Michigan Department of Health and Human Services (DHHS)
    - iv. United States Department of Health and Human Services (HHS)
    - v. United States Environmental Protection Agency (EPA)
    - vi. Non-governmental organizations (NGOs) and Environmental Advocacy Groups
    - vii. Other sources as appropriate
  - c. Identification of metrics useful for the public to understand lead exposure risks and responses.
    - i. May include the community-specific data, but not limited to:
      - 1. number of service lines by type
      - 2. number of verified lines
      - 3. number of lines replaced.
      - 4. number of homes participating in sampling.
      - 5. Water supply testing results
    - ii. Should include metrics for not only the state compliance data, but also work done by the SDWAC and WS councils.
- 3. Methodologies:
  - a. Audience needs may be obtained by any of the following methods (together or separately), or others as deemed appropriate:
    - i. Focus group meetings.
    - ii. Surveys (digital or mailed)
    - iii. Key informant interviews
- 4. Audience composition should take into consideration the diversity of the state, including:
  - a. Environmental justice communities
  - b. Geographic regions
  - c. Racial and ethnic diversity
  - d. Types of water supplies
- 5. Outcomes and outputs from the needs assessment should include the following:
  - a. Summary of existing LCR informational/education resources, their suitability for future use, the need and potential for modification, and any identified gaps in documentation
  - b. Identified key messages.

- c. Identified approaches to disseminate materials and best reach intended audiences, including compliance with ADA requirements.
- d. List of metrics to measure program outputs and impact, for instance, the number of PSAs, and the number of people reached, the number of page or video views, comprehension, and changes in understanding, etc. (These will be developed in program evaluation.)  
 Documentation of activities performed by the contractor in this task.

**B) Program Development and material templates**

1. Create toolkits targeted to, and for use by, the different audience groups identified in the needs assessment. Materials for the toolkits to include, but not limited to:
  - a. FAQ documents, e.g., 1-pagers, icons, infographics
  - b. Brochures/handouts
  - c. Bill stuffers
  - d. Web and social media content
2. The following documents and materials should be developed for use in the toolkits and/or as standalone documentation and materials. Other documentation can be created as needed or determined from the needs assessment:
  - i. FAQ documents about at least the following topics:
    1. Action Level Exceedance (ALEs)
    2. Sources of lead
    3. Health effects of lead
    4. Risk mitigation/exposure reduction strategies
    5. Sampling
    6. Lead service line investigation and replacement
    7. Distribution Systems Material Inventory (DSMI)
    8. WS Councils
  - ii. PowerPoint presentations
  - iii. Webinars
  - iv. YouTube Videos including both short instructional videos and longer informational videos.
  - v. Outreach events
  - vi. Other content formats recommended in Task 1.
3. Develop Public Service announcements
  - i. Develop format for TV, radio, and web content.
4. Develop an online dashboard for sharing lead service line data and other program metrics.
  - i. This is limited to the development of the concept of the dashboard and does not include obtaining and processing the data or building the dashboard.
5. Materials should be provided in a culturally appropriate manner to effectively reach local communities. Key materials (determined in concert with the SDWAC and EGLE) should be provided in at least English, Spanish, Arabic, and ASL.
6. Develop dissemination plan including recommended online platform, which could include using existing State of Michigan websites.

7. Other documents and materials as requested by EGLE and the SDWAC.
8. Document the Task activities and provide recommendations for the quantity and formats of outreach program materials.

**C) Program Implementation**

1. Implement elements of the Outreach Plan, including content development and dissemination.
2. Assist with the production of additional outreach educational and informational resources as needed.
3. Distributions of materials
  - i. Make materials available on the predetermined web portal (determined during Program Development)
4. Conduct two, in-person informational sessions with WS Councils, community & noncommunity water supplies, and other stakeholders to explain the Outreach Program.
5. Create and host webinars and/or YouTube videos to explain the Outreach Program.
6. Participate in SDWAC meetings as requested. Revise the program as needed with the advice and consent of the SDWAC, EGLE, and stakeholders

**D) Program Evaluation**

1. Develop an evaluation strategy that will assess the issues of greatest concern to stakeholders while using time and resources as efficiently as possible.
2. Using surveys, focus groups, or other appropriate quantitative and qualitative methods, to capture quantitative and qualitative data, to gauge the impact and comprehension of the produced resources and outreach activities.
3. Summarize program activities, survey results, findings from program implementation at least quarterly, and evaluation in written and visual formats.
  - i. Report should include recommendations for modification of the educational materials and the Outreach Program.
  - ii. Quarterly Updates on program activity and evaluation should be provided.
  - iii. Provide suggestions for next steps or future activities.
4. Attend SDWAC meetings as requested.

**E) Materials**

1. All materials produced and developed as part of this contract will be property of the State.
2. All written materials delivered to EGLE as part of this contract must be in compliance with Web Content Accessibility Guidelines (WCAG) 2.0AA.
3. Reimbursement to the Contractor for work done will not be made until all documents are submitted and satisfactorily accepted by the EGLE Program Manager.

<input type="checkbox"/>	I have reviewed the above requirement and agree with no exception.
<input type="checkbox"/>	I have reviewed the above requirement and have noted all exception(s)

## Attachment 2

### Question 1:

Overall information about the City's LSLR efforts and if EJ is incorporated into inventory, replacement, or communication activities.

In 2017, the Grand Rapids Water System ("GR Water System") implemented Administrative Policy 17-01, "Replacement of Privately-owned Lead Water Service Line." The policy allowed the GR Water System to replace the privately-owned portion of a lead water service line due to an emergency leak or planned construction project at no cost to the property owner.

Since 2017, the Grand Rapids Water System has replaced approximately 1,879 lead service lines. We budget between \$3 million and \$5 million a year in our capital budget and an additional \$1 million in our operations and maintenance budget for lead service line replacements. When planning for capital projects that include lead service line replacements, these projects are often aligned with other City projects (main water replacements or street reconstruction projects) due to the cost of replacements being absorbed by the GR Water System. This allows us to do more with less. For emergency leak, when a customer reports a leak on the public or private side and the water service line is lead, the service line is replaced.

These internal funding allocations come with the drawback of incorporating these costs into our annual rate structure. As a disadvantaged community, we continue to identify and attempt to secure external funding sources to help mitigate the rate impacts on our community. Earlier this year, the Water System received a \$5.1 million grant from the EPA to help replace approximately 1,800 private lead service lines in Neighborhoods of Focus in the next four years. Every year we continue to do more and research opportunities for state/federal funding.

As part of the revised 2018 Lead and Copper Rule, all community water systems with lead service lines are required to complete a distribution system materials inventory (DSMI) by 2025. The DSMI requires community water systems to identify lead service lines, galvanized steel previously connected to lead, or service lines of unknown material. We submitted a preliminary inventory to the State in early 2020. We continue to upload and cross-reference our data.

In the last three years, the Water System has proactively met and reached out to local organizations and residents about our lead service line replacement program and how to minimize their lead exposure. These outreach strategies include but are not limited to attending community fairs/events, presenting to neighborhood associations, promoting information through the City's newsletter and website, utilizing social media and bill inserts to promote educational information.

### Question 2:

GIS data on the historical and current locations of lead service lines (LSLs)

The Water System has created a [Lead Water Service Line Map Now Available \(grandrapidsmi.gov\)](https://www.grandrapidsmi.gov/lead-water-service-line-map) that allows property owners/tenants to search for their address and determine if their water service line is lead, lead assumed, or copper. If there are no records on a private water service line and the property

was built before 1968, the service line is assumed to be lead. For services that show unknown, our staff continues to upload data into the system.

Attached to the email, we included the CitySide Replacements report of lead service line replacements on the public side that the GR Water System has completed from 2015 to August 2021. The PublicSide Replacements report includes all lead services that have been replaced on the private side from 2017 – August 2021.

**Question 3:**

GIS data on locations of all service lines

The map above also allows users to search for the location of all service lines in Grand Rapids.

**Question 4:**

GIS data on structural information (if collected) such as the age of the structure

Attached to the email is a Service Lines with Age of Structure spreadsheet with information about our service lines and installation date.

**Questions 5:**

Data on past LSLR actions, including full replacements and partial LSLR

Before 2017, the GR Water System was only responsible for the lead service line replacement on the public side. Since March 28, 2017, the Water System has been proactive in replacing lead service lines during planned construction projects or emergency leaks for residential dwelling units. The policy also prohibited reconnection of a privately owned lead water service line to the publicly owned water service line. In 2019, the Administrative Policy 17-0 was revised due to the adoption of the 2018 Lead and Copper Rule by the State of Michigan. The revised Administrative Policy permits the Water System to replace the privately owned water service line regardless of residential or commercial property and prohibits partial LSLR replacements. Please reference the reports mentioned in question 2 of all full and partial lead service line replacements that the GR Water System has replaced since 2015.



## Coalition for a Strong and Prosperous Michigan

### From Rescue to Prosperity: A Roadmap to Michigan's Future

The events that have taken place since March of 2020 have forever changed Michigan. The pandemic, while it has led to pain, suffering, and immense challenges, it has also provided Michigan with an opportunity. An opportunity to set the trajectory of our prosperity for decades to come.

The American Rescue Plan dedicates billions of dollars to support individuals, families, education, small business, infrastructure, and government. Flexible resources are now at the state's disposal to provide immediate help to those who are hardest hit by the pandemic while making strategic long-term investments that will multiply Michigan's prosperity. This is an opportunity that must not be wasted, but rather leveraged to maximize our returns.

The question being asked of everyone is, "How do we create transformational change?" Our **Coalition for a Strong and Prosperous Michigan** has set out to answer that question. We took the month of September to come together, discuss our priorities, listen, and learn about other priorities beyond our own—all to develop a comprehensive and strategic roadmap for Michigan's future.

This effort has highlighted the tremendous need for direct investment across multiple sectors, but it has also underscored that we can't solve every problem or cure every ill. What we can do is maximize these one-time dollars with investments that leverage other resources, amplifying and sustaining future returns.

Our bold vision to build Michigan's future capitalizes on the economic value of thriving communities, advances equity, builds community wealth, supports entrepreneurship, prioritizes the need for talent, and spurs business development.

To meet these ambitious goals, we suggest focusing the state's American Rescue Plan resources in a coordinated fashion across five key areas:

**Infrastructure:** Resilient and Sustainable Water Systems (\$2.5B) and High-Speed Broadband Access (\$500M)

- Water infrastructure across Michigan is in desperate need of repair and replacement. The American Rescue Plan provides an opportunity to repair and replace aging water infrastructure, resolve public health problems, reduce environmental contamination, and provide current and future generations with resilient and sustainable systems. This roadmap leverages American Rescue Plan funds to make capital improvements, replace lead service lines, improve planning at the local level, and address issues of sustainability and resiliency related to water.
  - Key Investments: Capital Improvements, Lead Line Replacement, Drinking Water Assistance, PFAS Mitigation, Dam Repair and Retro Fit, Planning
- High-speed broadband should be accessible to homes and businesses across Michigan to enhance economic development, provide access to education and life-long learning opportunities, and

support remote work demands. Utilizing the American Rescue Plan, Michigan can support the buildout of high-speed broadband and help modernize the way we work and learn.

- Key Investments: Connecting Michigan Communities Grant Program, Digital Literacy, Access to Devices, Mapping, and Planning

**Fiscal Health:** Smart Investments that Provide Stability for State and Local Government (\$800M)

- Supporting the long-term fiscal health of the state and local governments of all sizes is key to stabilizing Michigan’s economic landscape. State economic policy sets the stage for business growth and personal wealth creation. Local government complements state policy by balancing and tailoring quality of life, infrastructure, and economic initiatives for a community’s specific needs. Utilizing the American Rescue Plan to enhance Michigan’s prosperity is strengthened by providing stability at the state and local level.
  - Key Investments: Revenue Sharing, Unemployment Insurance Trust Fund, Technical Assistance

**Thriving Communities:** Attainable Housing and Community Development (\$805M)

- Access to attainable housing and thriving communities have a significant impact on education, health, employment, economic, and equity outcomes, while providing greater opportunities for wealth creation. Michigan can utilize American Rescue Plan resources to address the state’s housing needs, invest in great places, and layer in wrap-around services to improve outcomes for all Michigan families.
  - Key Investments: Housing and Community Development Fund, Building Trades Training, Placemaking, Non-Profit Assistance, Regional Resiliency

**Strong Economy:** Economic Development, Business Assistance, Skilled Workforce, and Talent (\$910M)

- Recovering from the pandemic will require more than just a return to normal. To propel Michigan’s future success, it is critical to learn from the experiences of the last year and a half and capitalize on the changing environment to make the state a model for recovery, innovation, and growth. The American Rescue Plan can help streamline Michigan’s recovery, better connect talent to the state’s growing job market, accelerate entrepreneurship, and increase community wealth.
  - Key Investments: Office Conversion, Brownfield Redevelopment, Strategic and Large Site Development, Job Training and Direct Business Support Grants, EV Readiness

**Public Health and Safety:** Healthy and Safe People, Families, and Communities (\$500M)

- Strengthening Michigan’s health and safety infrastructure is critical to improving the quality of life for residents while protecting their ability to fully participate in their economy and community. Through the American Rescue Plan, the state can make targeted investments necessary to support a safer, healthier, and more stable population.
  - Key Investments: Mental Health and Addiction Services in Rural and Underserved Areas, Facility Improvements, Cybersecurity, Restaurant Licensing

As leaders representing people from every corner of Michigan, this roadmap is our bold vision to build Michigan’s future. In sharing this, we come as partners, interested in helping build a path forward for Michigan residents, businesses, and communities that is supported with the tools and resources necessary to achieve shared prosperity. We are ready to work, to find common ground, and to invest in Michigan’s future. Together we can, and will, emerge from this stronger.

**Total proposal:        \$2,210,000,000 Federal American Recovery Plan (ARP)**  
**\$ 290,000,000 Repurposed Bond Funding**  
**\$2,500,000,000 total funding**

Seeks to provide transformational resources for clean drinking water, dam infrastructure, and critical support for our wastewater systems and groundwater management.

❖ **Dam Safety Program and Infrastructure - \$680.0 million ARP**

- **\$650.0 million** Dam Risk Reduction Revolving loan fund for projects prioritizing risk reduction.
- **\$15.0 million** Emergency Dam Safety Action Fund for emergency response activities by the state where a dam owner fails to pay for necessary work.
- **\$15.0 million** Emergency Dam Safety grant program for dam rehab or removal. Grants would provide matching funds to federal funding or seed money for independent projects.

❖ **Lead Line Replacement Matching Program - \$600.0 million ARP**

- Cost-share grant program for funding required lead service line replacements by offering a 1:1 match for local investment.
- Boilerplate includes a requirement that not less than 25% of annual funds will be spent in rural communities (defined as those with a population of not more than 10,000 people).

❖ **Drinking Water/Wastewater Facilities - \$700.0 million ARP / \$290.0 million GLWQ bond**

- **\$400.0 million** – Drinking Water - for programming in concert with the State Revolving Fund and other existing fund sources to increase fund availability to water suppliers to conduct necessary upgrades, consolidation, construction, or replacement.
  - **\$100.0 million** - Grant funding for small water suppliers to permanently connect to larger adjacent systems or for two smaller systems to consolidate.
  - **\$50.0 million** – Private well owner resources – grants for private well owners to connect to a community system or to increase the depth of private in the case of contamination or failure (i.e. PFAS or well failure as resulted from the Edenville dam incident). Also includes funding for private well testing.
- **\$200.0 million** – Waste Water
  - Clean Water Infrastructure Grants - combine with the repurposed bond funding of \$235 million to increase to availability of these grants.
    - Prioritize \$40.0 million for grants to small communities to construct wastewater facilities when needed to replace septic systems.
- **\$100.0 million** - Stormwater, Asset Management, and Wastewater (SAW) Grants
- **\$290.00 million** - Remaining authorization of the 2002 Great Lakes Water Quality Bond
  - **\$235.0 million** Clean Water Infrastructure Grants to communities for design and construction projects to address sanitary and combined sewer overflows, and correct illicit connections to municipal drainage systems.
  - **\$20.0 million** Public Health Risk Reduction Grants
  - **\$35.0 million** Failing Septic System Elimination Program

- ❖ **PFAS Remediation Grant Program - \$100.0 million ARP**
  - Create a grant program for remediation projects at “orphaned sites” addressing drinking water, groundwater, or surface water contamination from PFAS.
  
- ❖ **Healthy Hydration for Education - \$85.0 million ARP**
  - New program to ensure clean drinking water for all Michigan students through a grant program to install filtered drinking water stations. Program will require a 30% match from schools and funds would be used to purchase and install drinking water stations as well as provide filters for the units.
  
- ❖ **Great Lakes and Surface Water Action - \$25.0 million ARP**
  - **\$15.0 million** – Agriculture pollution prevention fund
    - **\$10.0 million** - Provide incentives and cost-sharing to increase and maintain the implementation of MAEAP practices statewide for long-term water quality with a focus on an impact in the Western Lake Erie Basin.
    - **\$5.0 million** – Create a grant program for local Conservation Districts to provide increased services to those seeking MAEAP assistance.
  - **\$10.0 million** - Wetland Mitigation Grants
    - Create a grant program for cost-share of wetland mitigation actions. Require a 20% match and direct grant to projects resulting in economic development.
  
- ❖ **Groundwater Use and Protection - \$20.0 million ARP**
  - **\$20.0 million** to implement recommendations of the recently released Groundwater Use Advisory Council report. Includes the following:
    - **\$15.0 million** – Geologic data collection and mapping by MI Geologic Survey.
    - **\$2.1 million** – Create the MI Hydrologic Framework”.
    - **\$350,000** – Streamflow gages project between US Geologic Survey and EGLE.
    - **\$250,000** – Create the MI Integrated Water Management database.
    - Additional smaller projects.

## Lead Service Line Replacements

Project	Fiscal Year	Ward	Private side LSLRs	Agreements in Hand	Outstanding Agreements	% Agreements in hand	Contacts per Agreem/Insp	Progress
<b>2021 Construction Season</b>								
<b>Capital Projects</b>								
Curve (Godfrey to Grandville) 19069	2021	1	13	13	0	100%	9.23	Construction underway
Godfrey (Liberty to Oxford) 19069	2021	1	3	3	0	100%	6.67	Phase 2 underway; Phase 1 completed
Market Ave Sewer Replacement 20037	2021	1	1	0	1	0%	na	Construction underway
Valley (4th to Walker) 19094	2021	1	18	18	0	100%	6.17	Phase 1 construction underway
Beechwood (Pasadena to Diamond)	2021	2	15	15	0	100%	4.60	Completed
Fulton (Benjamin to Wallinwood) 19092	2021	2	8	8	0	100%	2.50	Construction underway
Hester Pl and Fairview 19121	2021	2	1	1	0	100%	2.00	Unknown
Curwood, Langley & Oak Park 19083	2021	3	5	4	1	80%	1.75	Construction underway
Franklin (Fuller to East City Limits) 19091	2021	3	32	32	0	100%	4.13	Completed
Hall (Kalamazoo to Sylvan) 18099	2021	3	55	55	0	100%	4.04	Construction underway
Prince (Madison to Eastern) 20001	2020	3	62	62	0	100%	5.55	Completed
<b>TOTAL</b>			<b>213</b>	<b>211</b>	<b>2</b>	<b>99%</b>		
<b>Private-Only LSLR Projects – EPA Grant</b>								
Private-Only LSLR Project - Tract 26	2022	1	36	26	10	72%	2.58	Possible construction in late 2021
Private-Only LSLR Project - Tract 31	2021	3	230	229	1	99%	4.76	Underway
Private-Only LSLR Project - Tract 29	2022	3	123	105	18	85%	3.11	Possible construction in late 2021
<b>TOTAL</b>			<b>389</b>	<b>360</b>	<b>29</b>	<b>92%</b>		

## Lead Service Line Replacements

Project	Fiscal Year	Ward	Private side LSLRs	Agreements in Hand	Outstanding Agreements	% Agreements in hand	Contacts per Agreeem/Insp	Progress
<b>2022 Construction Season</b>								
<b>Capital Projects</b>								
Garfield (Fulton to Bridge) 20050	2022	1	35	21	14	60%	1.05	
Grandville (Franklin to Beacon)	2022	1	12	11	1	92%	3.91	
Norwich (Curve to Hayden) 19069	2021	1	44	43	1	98%	3.81	
Richards (Fulton to Sibley) 20081	2022	1	31	24	7	77%	2.13	
Straight (Wealthy to Emperor) 20019	2022	1	18	17	1	94%	2.29	
College (Leonard to Sweet) 20048	2022	2	54	48	6	89%	5.90	
Houseman (Leonard to Spencer) 20018	2022	2	14	8	6	57%	1.50	
Ottawa (Newberry to Coldbrook) 20016	2022	2	2	2	0	100%	8.50	
Eastern (Burton to Ardmere) 20017	2021	3	6	6	0	100%	0.83	
Fuller (Adams to Alexander) 20021	2022	3	48	18	30	38%	2.06	
Prospect (Burton to Highland) 20020	2022	3	91	31	60	34%	1.84	
<b>TOTAL</b>			<b>355</b>	<b>229</b>	<b>126</b>	<b>64%</b>		
<b>Private-Only LSLR Projects – EPA Grant</b>								
Private-Only LSLR Project - Tract 30	2022	3	221	8	213	4%	0.00	
Private-Only LSLR Project - Tract 32	2022	3	456	5	451	1%	0.60	
<b>TOTAL</b>			<b>677</b>	<b>13</b>	<b>664</b>	<b>2%</b>		
<b>Rotomill/Resurfacing Projects – DWRF Loan Forgiveness</b>								
Private-Only	2022	--	74	0	74	0%	na	
Multiple Streets	2022	--	754	0	754	0%	na	
<b>TOTAL</b>			<b>828</b>	<b>0</b>	<b>828</b>	<b>0%</b>		

# January 1st - October 22 2021 Lead Service Line Replacements

