



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

WATER INFRASTRUCTURE & PERMITTING

MARCH 8, 2022



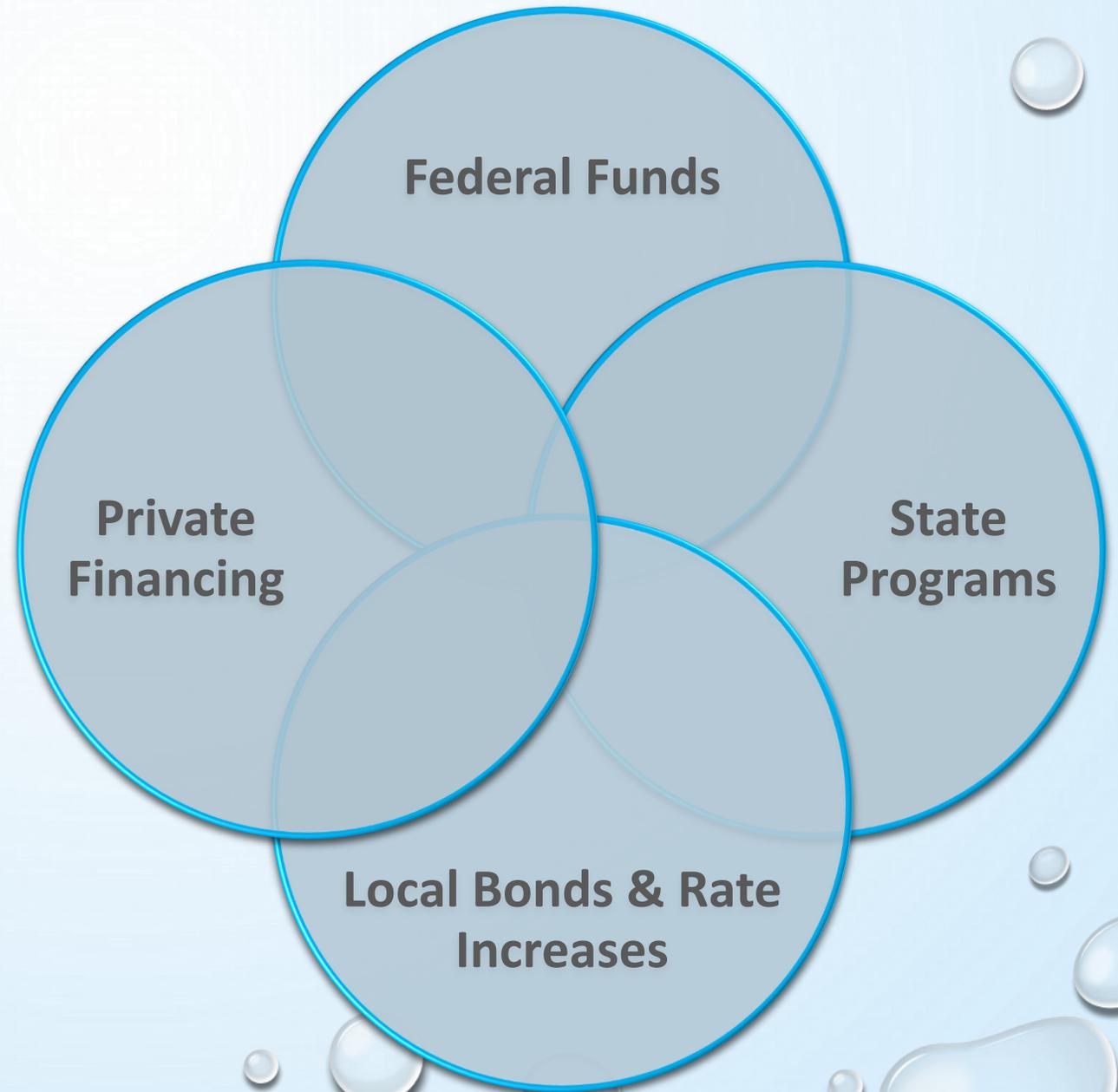
2018 REPORT CARD FOR MICHIGAN'S INFRASTRUCTURE



AVIATION	RAIL
BRIDGES	ROADS
DAMS	SCHOOLS
DRINKING WATER	SOLID WASTE
ENERGY	STORMWATER
NAVIGATION	TRANSIT
WASTEWATER	



Water Infrastructure Financing Options



Two State Revolving Fund (SRF) Programs Administered By EGLE

Drinking Water

- Program Started In 1998
- Michigan Receives \$25 - \$30 Million Annually of Federal Funds
- 20% State Match Required
- Program Can Support Up To \$200 Million of Projects
- \$1.5 Billion and 345 Projects Financed Since Beginning of Program

Clean Water

- Program Started In 1988
- Michigan Receives \$65 - \$70 Million Federal Funds Annually
- 20% State Match Required
- Program Can Support Up To \$800 Million Of Projects Annually
- \$5.4 Billion and 642 Projects Financed Since Beginning of Program



SRF Eligible Projects

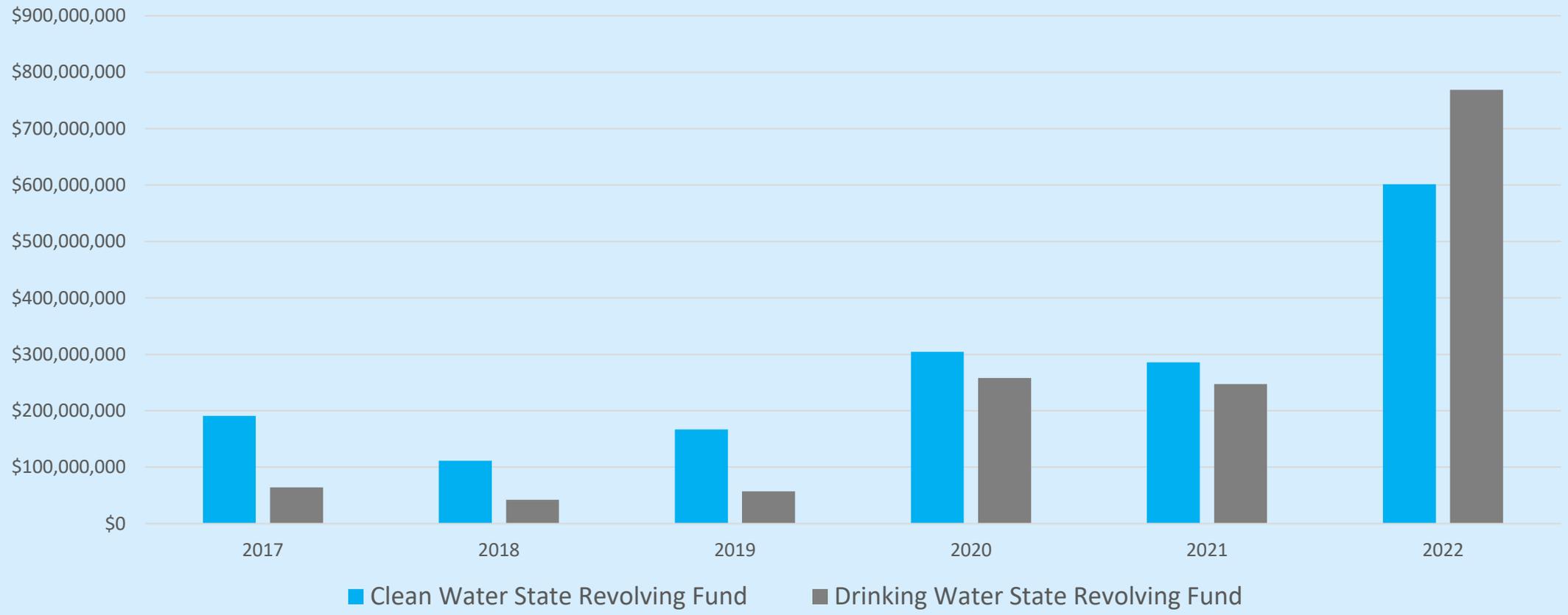
Drinking Water

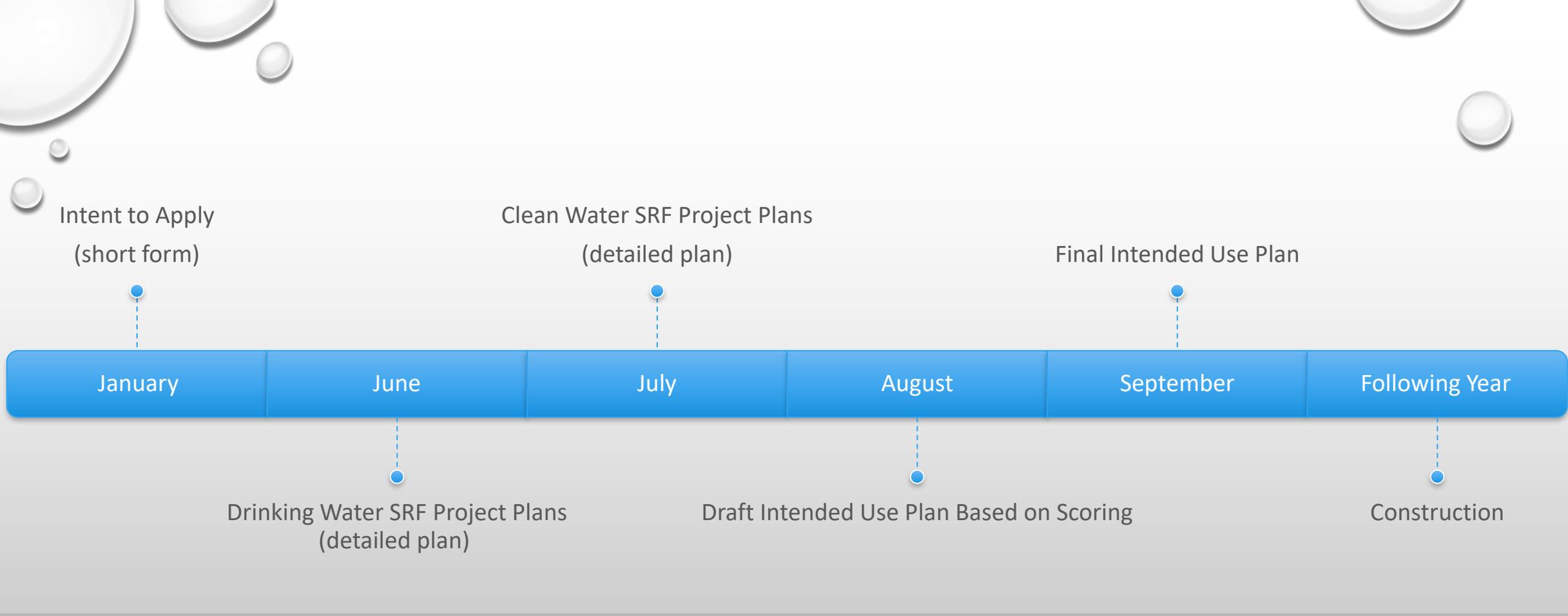
- Intake Structures
- Pumping Stations
- Storage Tanks
- Treatment Plants
- Distribution System Improvements (pipelines, etc.)
- Water Services Lines (Lead And Galvanized)
- Municipal Wells

Clean Water

- Wastewater Treatment System
- Collection System
- Removal of Excessive Inflow/Infiltration
- Major Sewer Rehabilitation
- Pump Station
- Nonpoint Source Projects
- Stormwater Treatment

Water Infrastructure Funds Requested





SRF Project Selection Process

SRF Project Scoring Criteria

Defined In Statute and Rules

- Administrative Rules (Clean Water)
- Part 54 (Drinking Water) Of Public Act 451

Calculation of Various Factors

- Severity
- Compliance
- Population
- Disadvantaged
- Consolidation
- Type of Project

Project Priority List (PPL) Scoring Data Form

Please complete the information requested below and indicate the page numbers or appendices in the project plan which verify the information provided. Enter "N/A" if information is not pertinent.

PROJECT APPLICANT: City of Midland

PROJECT LOCATION: Midland, Michigan

1. Water Pollution Severity Data (0 to 500 points)

- page 11, 18-20 1. Pre-project conditions, including wastewater collection/treatment deficiencies and water quality problems currently occurring.
- page 23-27 2. Post-project conditions, including proposed facilities and water quality improvements.

Does the existing facility (or facilities) being upgraded, expanded, or replaced by this project file either surface water or groundwater discharge monitoring reports?

YES, Proceed to Section C or NO, Proceed to Section A or B

Note: If a project with either a surface water or groundwater discharge is also causing a nitrate problem in the groundwater (i.e., leaky lagoons), please be sure to complete Item B.5. Projects may receive points for both surface water and groundwater contamination.

A. Data on Existing Surface Water Discharge

- page 5 1. Discharge type:
- Continuous
- Seasonal
- Intermittent (if CSO, or SSO, please complete Sections E and F below)
- page 5 2. Flow. For facilities that discharge to regional treatment plants and do not file surface water discharge monitoring reports, provide the average daily metered flow (identify whether units are MGD or MGY) 8.30 MGD
- page 5 3. Identify Receiving Water and Type Tittabawassee River
- page 5 4. Location (town, range, and section) S27 T14N R2E
- page N/A 5. Existing Treatment
- Untreated Secondary Combined Sewer Overflow Tertiary
- Primary (including septic systems with direct surface water discharge)
- page N/A 6. Existing Disinfection Process:
- None
- Chlorination
- Alternative Technology (specify type) _____

B. Data on Existing Groundwater Discharge

- page _____ 1. Discharge Type:
- Continuous

SRF Disadvantaged Communities

Defined In Statute

- Part 53 (Clean Water) Of Public Act 451
- Part 54 (Drinking Water) Of Public Act 451

Calculation Of Various Factors

- Median Household Income
- Operation and Maintenance Costs
- Debt
- User Rate

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT (EXCERPT)

Act 451 of 1994

ARTICLE I

GENERAL PROVISIONS

PART 1

SHORT TITLE AND SAVINGS CLAUSES

324.101 Short title.

Sec. 101. This act shall be known and may be cited as the "natural resources and environmental protection act".

History: 1994, Act 451, Eff. Mar. 30, 1995.

Compiler's note: For transfer of powers and duties of department of natural resources and environment to department of natural resources, see E.R.O. No. 2011-1, compiled at MCL 324.99921.

Popular name: Act 451

Popular name: NREPA

324.102 Repeal of statute; effect.

Sec. 102. The repeal of any statute by this act does not relinquish any penalty, forfeiture, or liability whether criminal or civil in nature, and such statute shall be treated as still remaining in force as necessary for the purpose of instituting or sustaining any proper action or prosecution for the enforcement of the penalty, forfeiture, or liability.

History: 1994, Act 451, Eff. Mar. 30, 1995.

Popular name: Act 451

Popular name: NREPA

324.103 Heading or title; effect.

Sec. 103. A heading or title of an article, chapter, part, or subpart of this act shall not be considered as part of this act or be used to construe the act more broadly or narrowly than the text of the sections of the act would indicate, but shall be considered as inserted for the convenience of the users of this act.

History: 1994, Act 451, Eff. Mar. 30, 1995.

Popular name: Act 451

Popular name: NREPA

324.104 Members of predecessor agency; powers.

Sec. 104. When a board, commission, committee, council, or other agency created by or pursuant to this act was preceded by an agency with the same or similar name and functions, members of the predecessor agency shall continue in office for the duration of the terms of office for which they were appointed and with the new members appointed shall constitute the new agency. Members shall be appointed under this act only as terms of the former members expire or vacancies occur. Members of the predecessor agency may be appointed to the new agency to succeed themselves subject to the limits for the total period of service set forth in this act.

History: 1994, Act 451, Eff. Mar. 30, 1995.

Popular name: Act 451

Popular name: NREPA

324.105 Existing rules; effect.

Sec. 105. When the department or other agency is directed to promulgate rules by this act and rules existing on the date the requirement to promulgate rules takes effect, which rules the department or agency believe adequately cover the matter, the department or agency may determine that new rules are not required or may delay the promulgation of new rules until the department or agency considers it advisable.

History: 1994, Act 451, Eff. Mar. 30, 1995.

Federal Bipartisan Infrastructure Law

Category	Amount
Drinking Water State Revolving Fund	\$44 million
Drinking Water State Revolving Fund Lead Service Line Replacement	\$69 million
Drinking Water State Revolving Fund Emerging Contaminants	\$19 million
Clean Water State Revolving Fund	\$77 million
Clean Water State Revolving Fund Emerging Contaminants	\$4 million
Total	\$214 million

Funds Will Be Administered Through The State Revolving Funds Per EPA

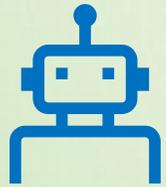
SAVE THE DATES: May 10-11, 2022

- VIRTUAL EVENT -

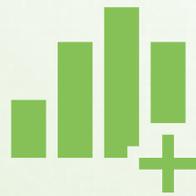


GREAT LAKES
Water Infrastructure
CONFERENCE

PERMIT OVERVIEW



60+ Types Of
Permits



25,000 Actions
Annually



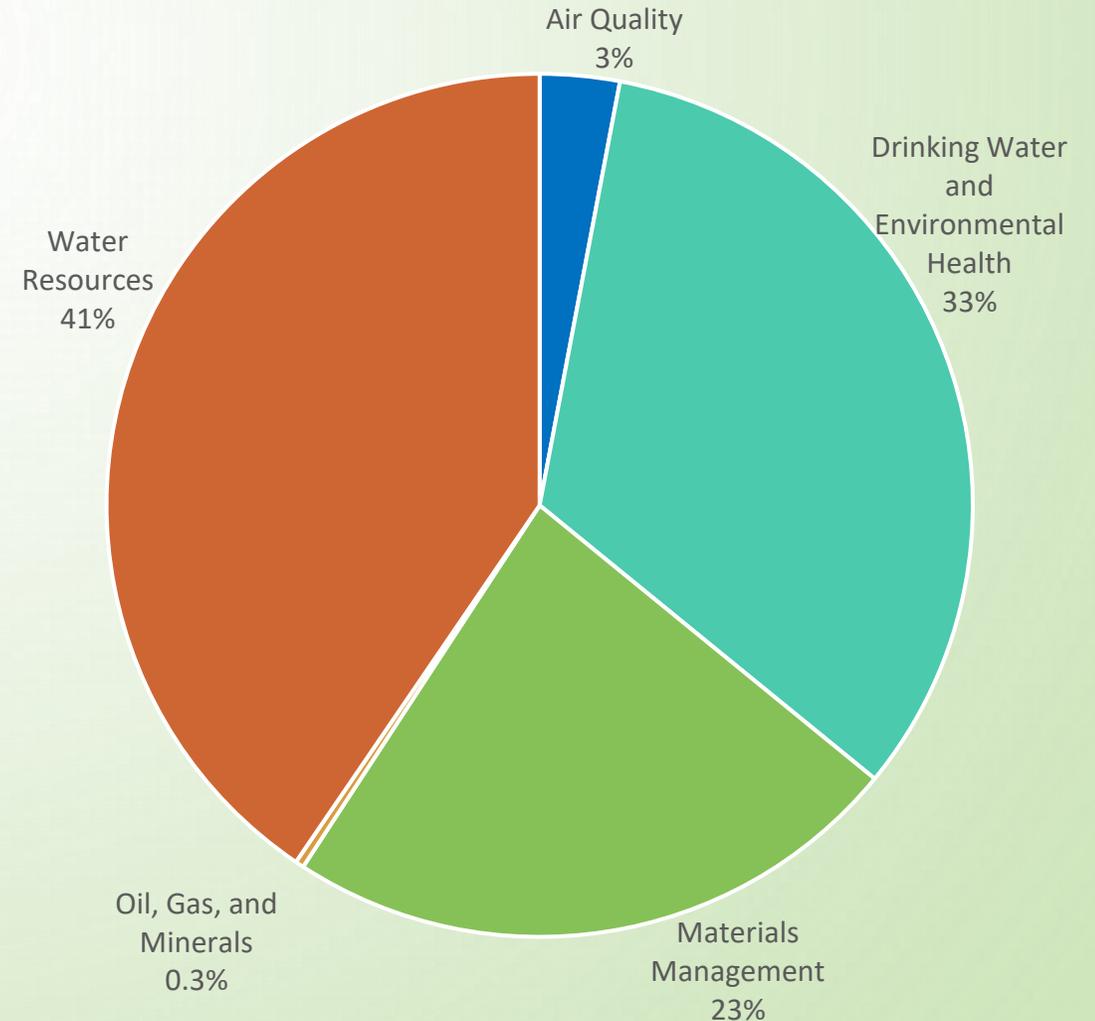
Over 95% Permits
Approved



300+ Staff Work On
Permits

Examples Of Permits

- Air Quality: Permit To Install
- Drinking Water: Public Water Supply Construction
- Oil, Gas, And Minerals: Drilling Permit
- Waste Management: Waste Disposal Operating
-
- Water Resources: Groundwater Discharge



Permit Navigation & Panel

- Coordination With District Staff
- Permit Navigator Position
- Environmental Permit Review Panel



Process Improvements

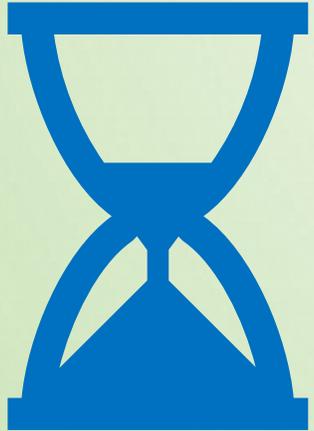
The screenshot displays the EGLE MIWaters dashboard interface. At the top, there is a navigation bar with the EGLE logo, 'MIWaters', and 'Water Resources Information and Forms'. A yellow banner below the navigation bar contains a warning: 'THIS IS CLOUD UAT. TESTING AND TRAINING ONLY. DO NOT DO REAL WORK HERE. Database copy is dated 2/5/2022.' The main dashboard area is divided into several sections. On the left is a sidebar menu with options like Home, Dashboard, Notifications, Details, Contacts List, Apps, Requests and Reports, Permits, Evaluations, Violations, Compliance and Enforcement Actions, Financials, and Documents. The main content area is titled 'Priority (4)' and includes sub-sections for 'Upcoming (1)', 'As Needed (1)', 'Draft (2)', 'To Be Signed (0)', and 'In Process (2)'. The 'HIGH PRIORITY' section lists four items: 1. 'Schedule on Permit GW1110362 v3.0 — O & M Plan and Manual' with an 'OVERDUE > 30 DAYS' warning and a 'Begin' button. 2. 'Permit Change HNX-KY3P-N923W on GW1110362 v3.0 — Groundwater Discharge Permit Application Permit By Rule Notification: Rule 323.2211 (Reissuance)' with a 'DRAFT' status and 'Continue' and 'Delete Draft' buttons. 3. 'Permit Change HNY-6QYH-89HYE on GW1110362 v3.0 — Groundwater Discharge Permit Application Permit By Rule Notification: Rule 323.2211 (Reissuance)' with a 'DRAFT' status and 'Continue' and 'Delete Draft' buttons. 4. 'Permit GW1110362 v3.0 — DMR for Period 01/01/2022 - 01/31/2022' with an 'OVERDUE' warning and a 'Begin' button. On the right side, there is a 'CHARGES' section showing '1 CHARGES' and '\$200.00 TOTAL DUE'. Below that is an 'UPCOMING' section with one item: 'Permit GW1110362 v3.0 — DMR for Period 02/01/2022 - 02/28/2022' with a 'DUE SOON' warning and a 'Begin' button.

Released Dashboards To Show Application Status

Simplified Correction Requests

Implemented Subscription Options

Permitting Timeline Variables



Volume

Complexity

Staff Turnover Rate

Increased Federal Funding

Permitting Information Technology Initiative



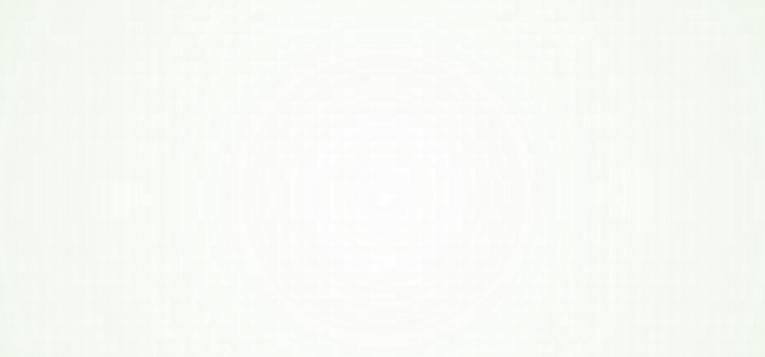
Information Technology
Modernization Strategy



Improve Metrics &
Transparency



Combine Air & Water
Permits Into One System



THANK YOU

EGLE

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY