



Clean Water Public Advocate

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OVERVIEW OF OFFICE

The Office of the Clean Water Public Advocate was created through Governor Whitmer's Executive Order 2019-06. The Office operates as a type 1 agency within the Michigan Department of Environment, Great Lakes, and Energy, while having a connection to the Governor's Office to elevate concerns.

The Office of the Clean Water Public Advocate ensures that drinking water concerns are investigated and that trends are analyzed. Based on trend analysis, recommendations to laws, rules, regulations, and procedures will be made to ensure that community concerns are addressed. The Office also connects resources at the state and local level to ensure that Michigan is more responsive to drinking water quality concerns.

FEATURED TOPICS



Become an Ambassador



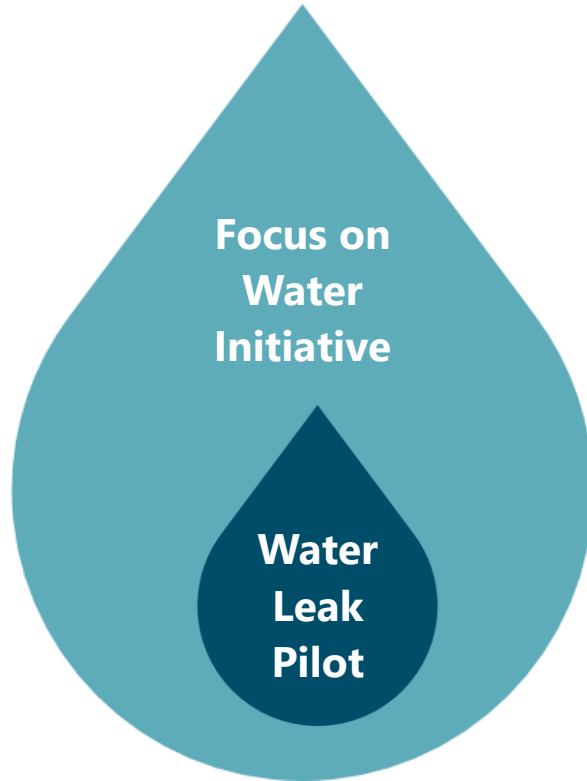
Water Restart Program



Water Supply Lead Results



PFAS & Drinking Water



FOCUS ON WATER INITIATIVE

working together to ensure a healthy water future

- The **Water Leak Pilot** is part of a larger **Focus on Water Initiative**, commissioned by the Office of the Clean Water Public Advocate.
- The Initiative brings together multi-sector partners to address water concerns in Michigan communities.

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Water Leak Pilot: Background

- Premise plumbing and system leaks trouble many disadvantaged communities.
- Aging infrastructure and older homes contribute to energy and water waste, as well as public health concerns.
- Overall, water infrastructure and premise plumbing leaks are costly for residents and community water suppliers.

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Water Leak Pilot: Overview

The **Water Leak Pilot** was established to reduce water and energy waste and the financial burden associated with water leaks while looking at the **water-energy nexus** (the relationship between water used for energy production).



Water Leak Pilot: Overview

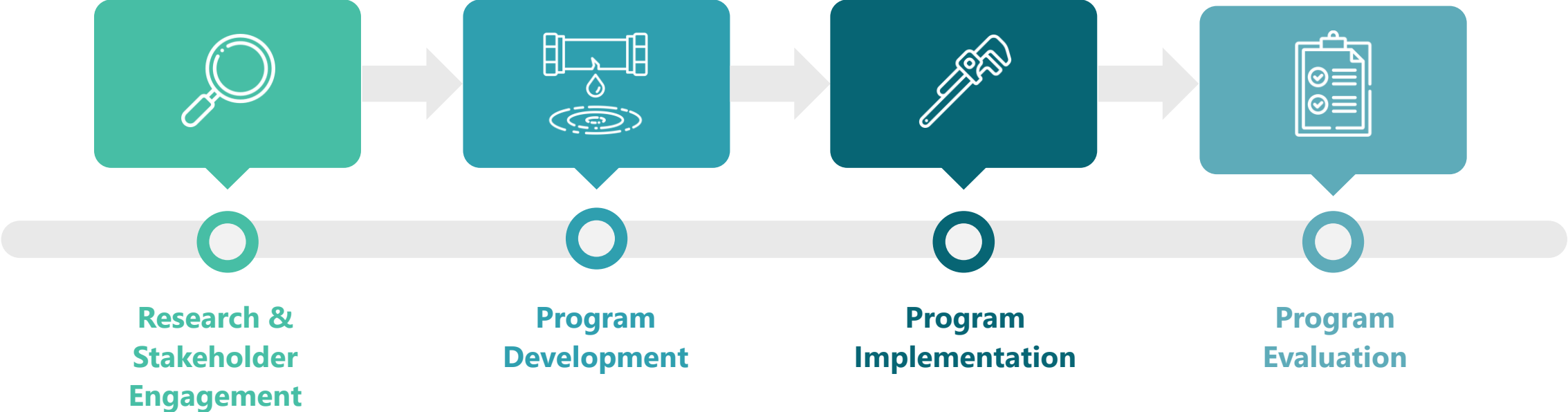
- The Water Leak Pilot will provide funding to support premise plumbing repairs in approximately 100 homes in Benton Harbor and 100 homes in Highland Park, as well as program development and implementation of the Pilot.
- Local and community partners will support the dissemination of educational materials to residents participating in the Pilot.

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Pilot Phases



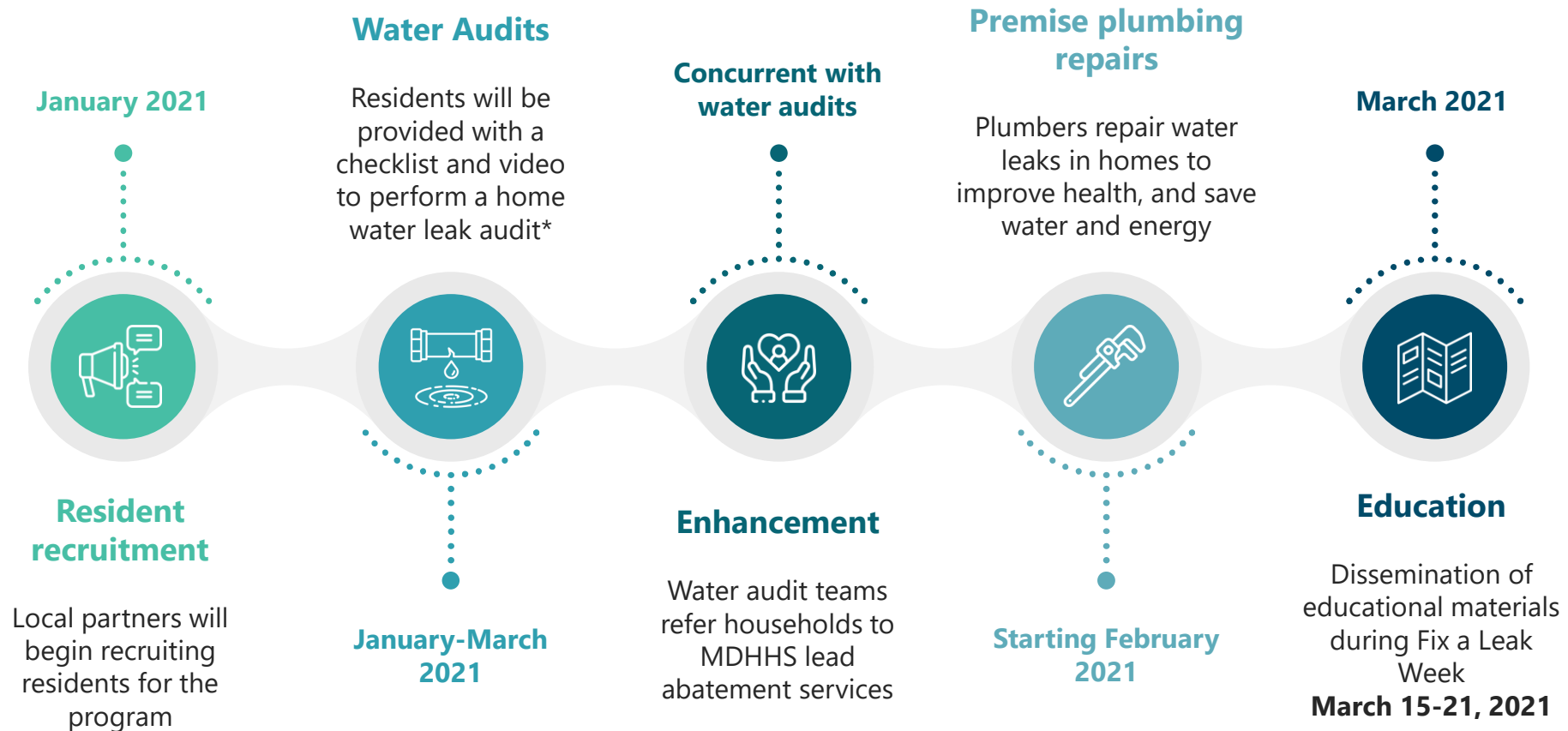
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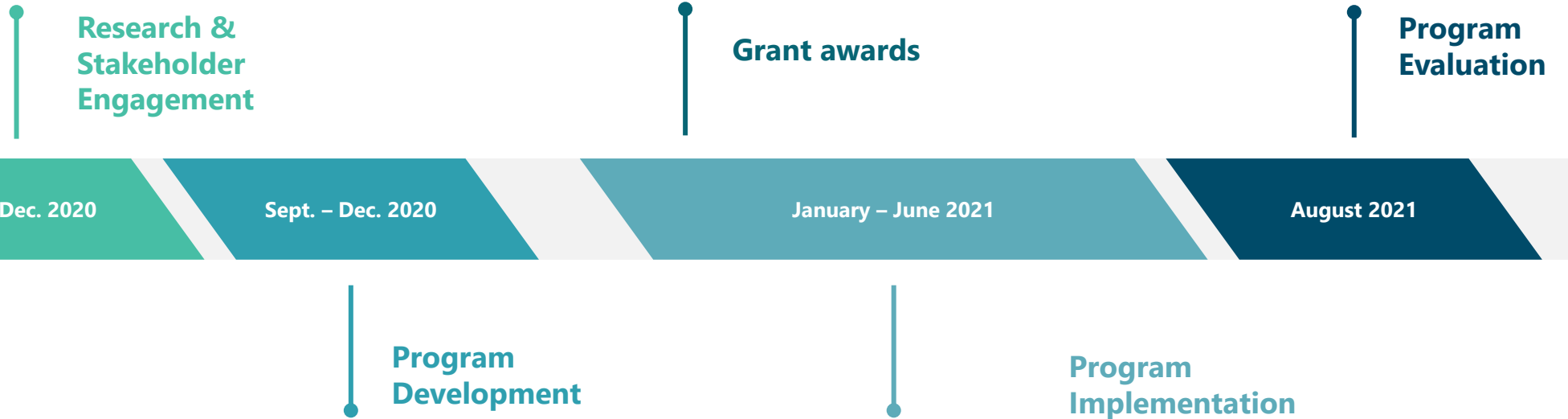


Program Implementation



*Community coordinators will be available to assist families over the phone and in-person if needed.

Water Leak Pilot Timeline



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Water Conservation & Water Quality

- Water use influences water quality, costs, energy consumption, and public health
- Though the Water Leak Pilot focuses on water conservation through the repair of premise plumbing leaks, the impact on water quality must be considered
- In communities with elevated levels of lead or other contaminants, running water to flush out pipes is recommended to ensure the safety of water

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Water Quality

Get your water moving. Flushing water pipes can reduce the amount of lead in your water. If you have not used your water for several hours, flush your pipes following your public water supply's recommended amount of time by doing any of the following:



**RUNNING
FAUCETS**



**TAKING A
SHOWER**



**DOING
LAUNDRY**



**WASHING
DISHES**



**RUNNING
THE HOSE**

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EGLE

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Water Supplier Energy Conservation

- As the need for using water more efficiently increases, there are opportunities for water suppliers to ensure water is used efficiently while ensuring public health and safety
- Water and energy conservation measures taken at a premise plumbing level and a distribution system level can have a collective impact on water, energy, climate, and public health

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Working Together to Conserve Water

Impact on water, energy, climate, and public health

INDIVIDUAL LEVEL

Take shorter showers
Only wash full loads of
laundry/dishes
Reuse water for watering
plants

PREMISE PLUMBING

Find and repair leaks
Install water/energy
efficient appliances
Install water efficient
fixtures

DISTRIBUTION SYSTEM

Service system
components regularly
Install a variable frequency
drive for pump motors
Run pumps during off-
peak electricity hours

Fix-a-Leak Week

- Michigan will recognize Fix-a-Leak Week from **March 15-21, 2021**
- Water and Energy Tips
- Disadvantaged communities with older homes and aging water infrastructure
 - Premise plumbing
 - Distribution system leaks
 - Water access and affordability

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Thank you



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