



Quarterly Update at NEW Water

June 25, 2019

Agenda

- Welcome / Brief Updates – Tom Sigmund, Executive Director
- I&I – Nate Qualls, Technical Services Director
- Green Bay Packaging update – Nate Qualls
- Facilities Plan – Nate Qualls
- Sewer Use Ordinance – Nate Qualls
- Adaptive Management - Jeff Smudde, Environmental Programs Director
- Tree Grants - Jeff Smudde



Updates from Executive Director

- Strategic Plan
- Budgeting Process: Calculations of flows and loads
 - Customer letters went out: Please respond with your projections
- R2E2 Update: High-Strength Waste
- Quincy Street potential closure
 - Letter submitted to City requesting it remain open
 - NEW Water provides essential community service 24-7-365
 - Public health & safety implications; industrial traffic



“Unflushables”

Community-Wide Problem

- “Unflushables”
 - Pilot project starting in one residential neighborhood
 - New bill stuffers available



The Science of Color: NEW Water Partners with NASA

- Partnership advances knowledge of cyanobacteria
- NEW Water selected through Aquatic Monitoring Program
- NEW Water involved in ongoing study with DNR and UW-Milwaukee, see white paper:
www.newwater.us/amp
- *Learn more:*
www.newwater.us/seaprism



EPA Visit to NEW Water 6/24/2019



- EPA Assistant Administrator for Water David Ross thanks Green Bay Water Utility and NEW Water workforce for being “unsung heroes” protecting water every day
- Praised watershed efforts to improve area waters



U.S. EPA Water ✓
@EPAwater



EPA's Water Chief met with water utilities in Green Bay, WI where he recognized the important work of drinking water and wastewater operators in ensuring clean and safe water.

[@NEWWater_WI](#) [@Greenbaywater](#) [@EPAGreatLakes](#)
[epa.gov/newsreleases/e...](https://www.epa.gov/newsreleases/e...)

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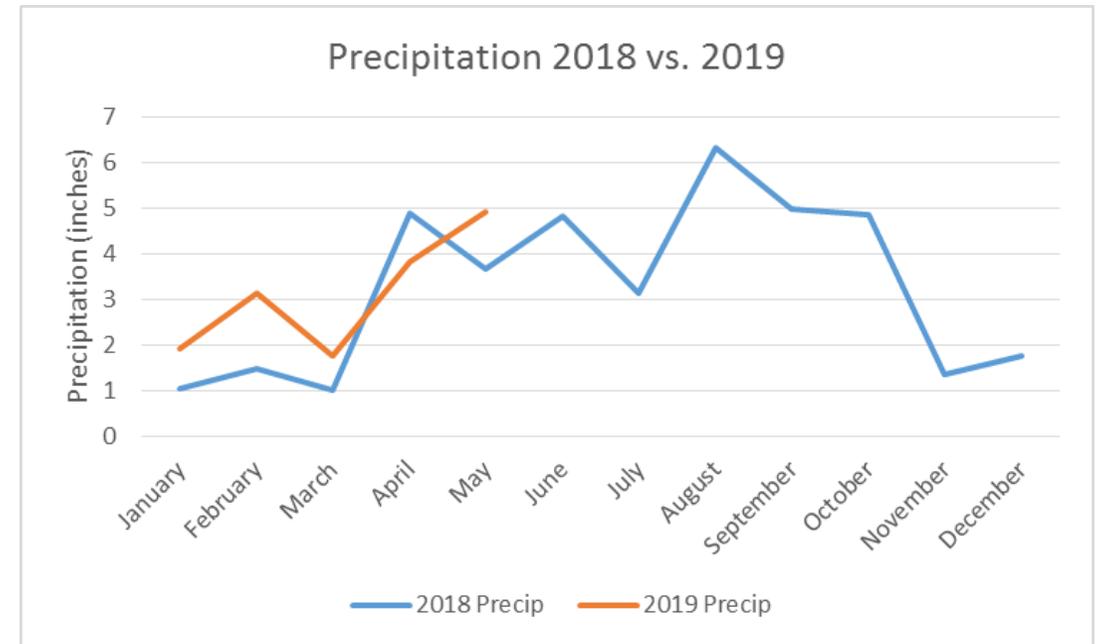
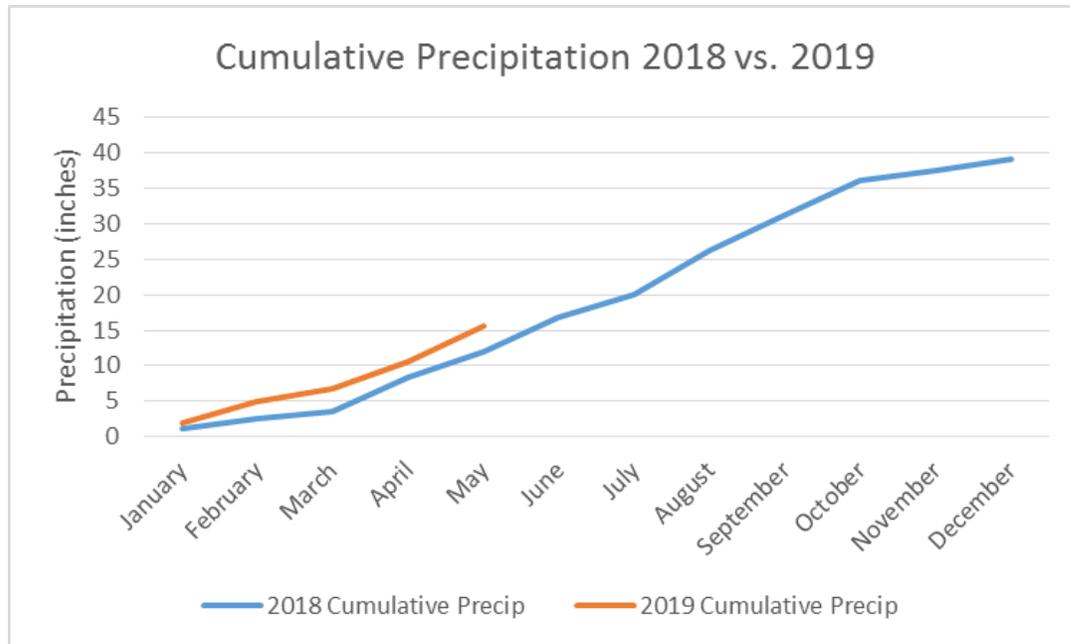
Inflow & Infiltration

- 2019 Strategic Plan: Water Quality Improvements Pillar
 - *Lead in the reduction of I&I entering NEW Water's system*
 - Define NEW Water's role in reducing system-wide I&I
 - Create an awareness campaign around I&I



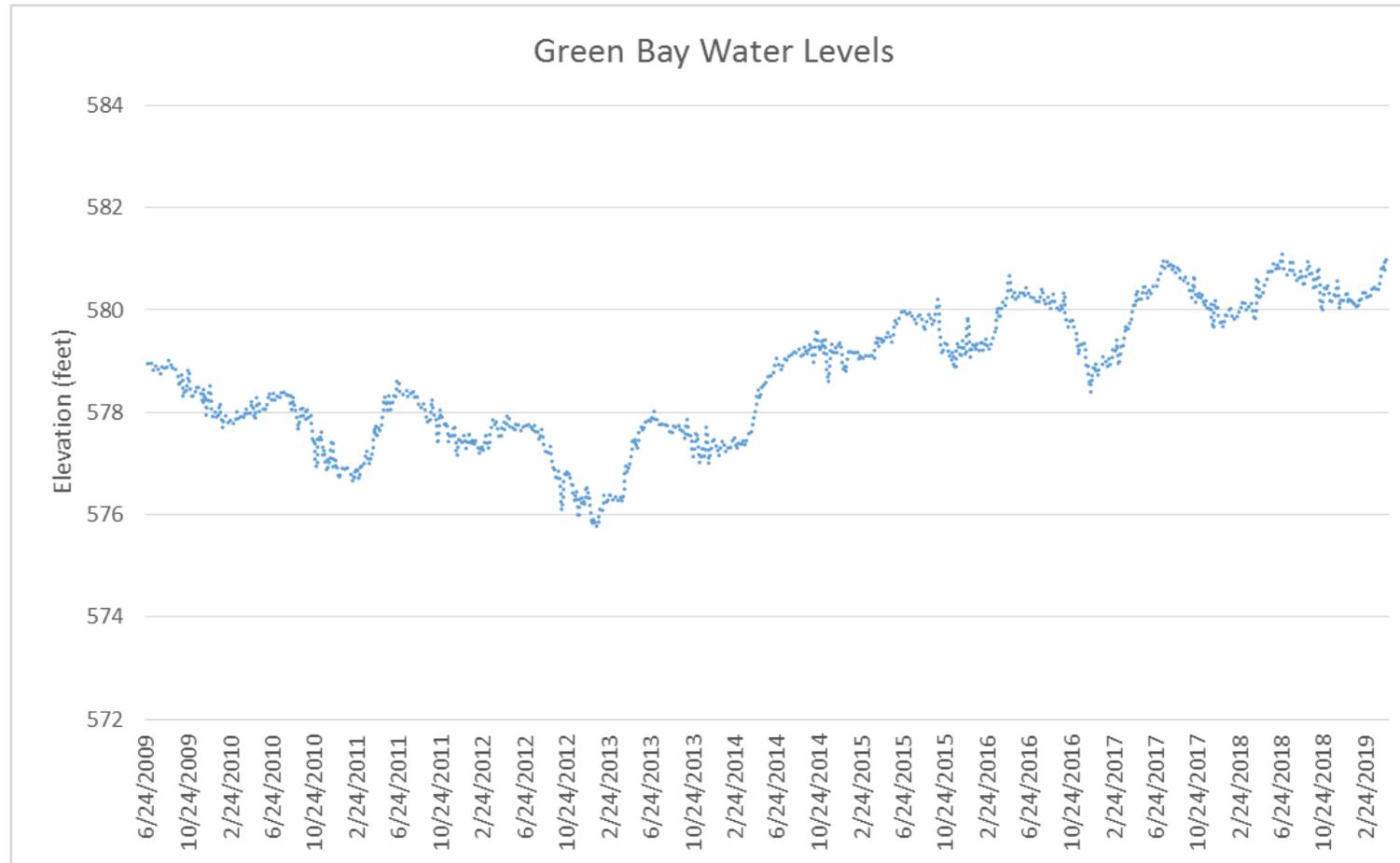
Inflow & Infiltration

- Ongoing wet-weather challenges



Inflow & Infiltration

- Approaching record water levels in Great Lakes



Inflow & Infiltration

- Predicted Climate Change Impacts

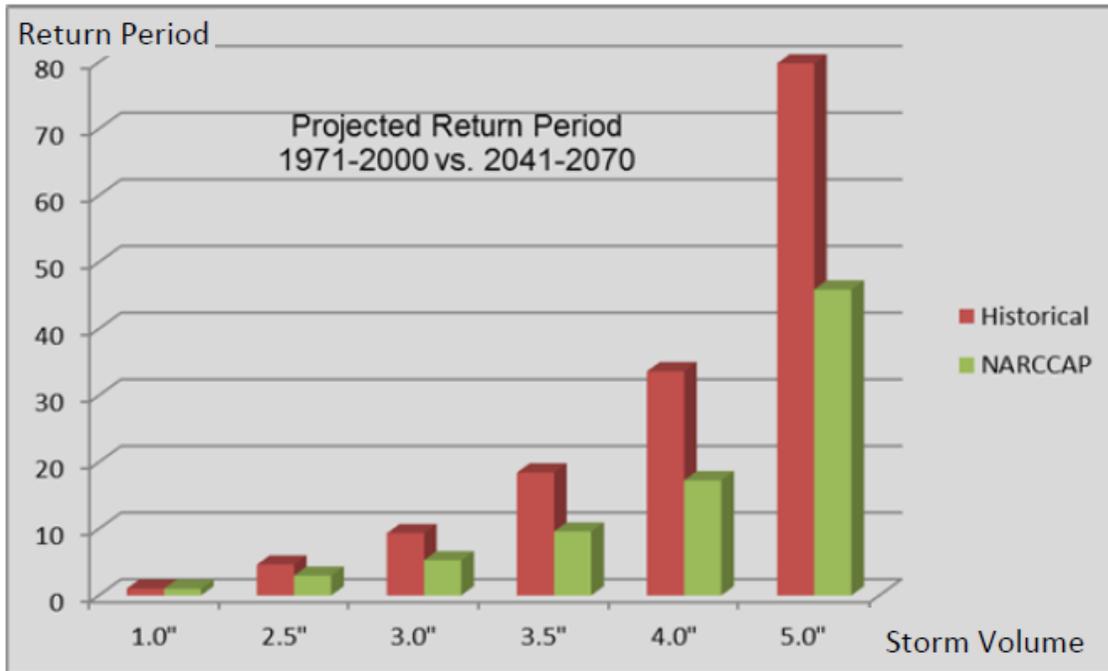


Figure 3 – Projected Increase in the Frequency of Large Storm Events

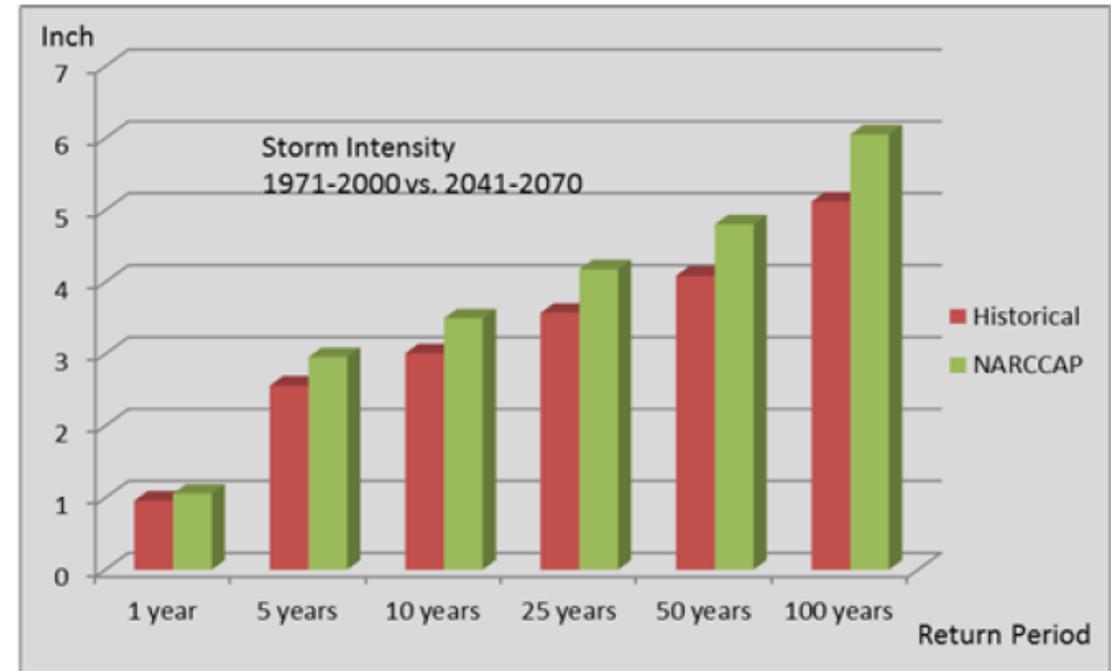


Figure 4 – Projected Increase in the Magnitude of Large Storm Events¹

Inflow & Infiltration

- Next Steps
 - Email invitation for Stakeholder Advisory Group
 - Ongoing individual customer meetings
 - Strategic Plan roll-out & future updates



Update on Green Bay Packaging

- Reclaimed Water System
 - Design underway
 - Forcemain locating
- Regional Storm Water Pond
 - Contaminated soil management
 - Pond construction advancing
 - Pond will serve NEW Water property in future



Storm Water Pond Construction



GBF & DPF Facilities Plan

- Facilities Plan play an important role in planning for the future of our wastewater infrastructure
- Recommending Black & Veatch and Donohue team
- Project funding from NEW Water reserves (~\$720,000)
- Expected 18-month project



GBF & DPF Facilities Plan

- Major deliverables:
 - Flows and Loads projections
 - Hydraulic & process models
 - 50-year conceptual plan
 - 20-year Capital Improvement Plan

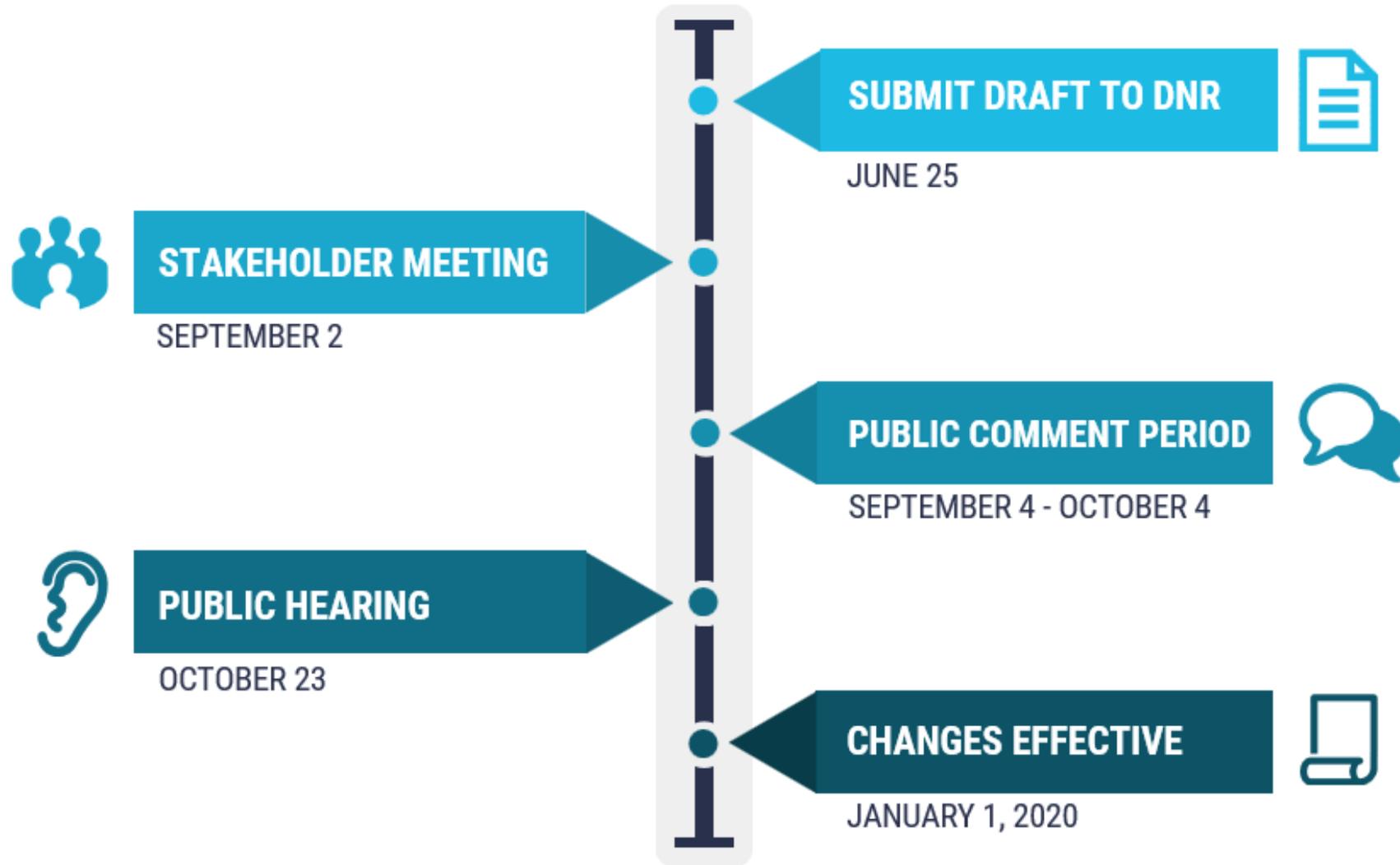


Proposed Sewer Use Ordinance Changes

- No longer prepay loans for interceptor cost recovery charges (sec. 5.20 & 5.25)
- Define and incorporate Fixed Charge
- Local limit inclusion/exclusion – all permitted industries must monitor for all local limit pollutants (sec. 6.17)
- Removed Amalgam Management chapter – Dental facilities included in Pretreatment Program (chap. 12)



Proposed Ordinance Timeline



Adaptive Management

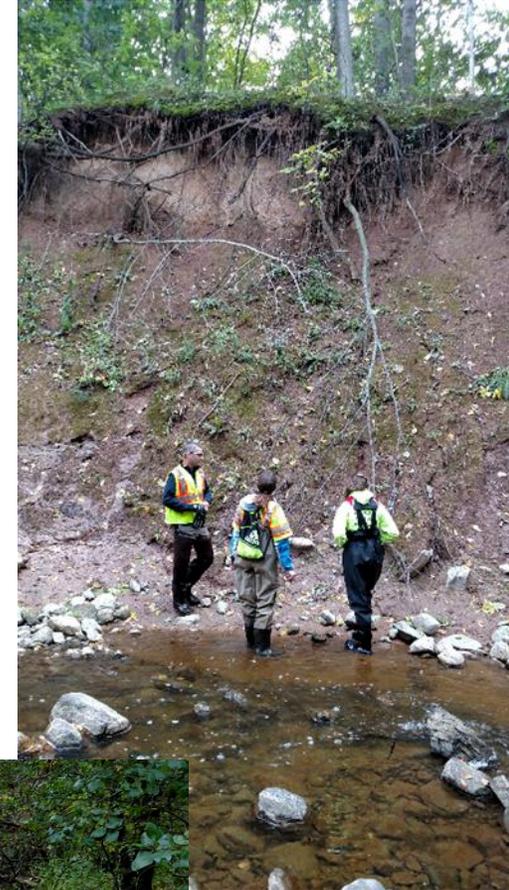
NEW Watershed Program

Partnering for
Water Quality



Progress with Adaptive Management

- Stream corridor inventory completed in Ashwaubenon Creek and Dutchman Creek (ACDC)
- Spring biological monitoring completed
- Public Involvement Plan completed
- Revised Adaptive Management Plan submitted to WDNR
- Water quality monitoring ongoing
- Silver Creek efforts ongoing
- ACDC implementation in 2020



Outreach: Interest from Around the Country

- Representative Staush Gruszynski (Feb 2019)
- DNR Secretary Preston Cole (Mar 2019)
- EPA Assistant Administrator for Office of Water– Dave Ross (June 2019)
- EPA – Great Lakes Restoration Initiative Knowledge Transfer (July 2019)



Tree Planting Grant

- USDA Forest Service Great Lakes Restoration Initiative
- \$100,000 grant opportunity
- 2-year grant (2020 & 2021)
- Address storm water runoff by planting trees in Lower Fox River basin
- NEW Water extended offer to all customers and partners
- Participating communities:
 - Allouez
 - Ashwaubenon
 - Bellevue
 - De Pere
 - Green Bay
 - Howard
 - Ledgeview
 - Oneida Nation





Thank you for coming!

Stay tuned to NEW Water news

