



Memorandum

CITY OF MERCER ISLAND, PUBLIC WORKS DEPARTMENT

9611 S.E. 36th St. • Mercer Island, WA 98040-3732
(206) 275-7608 • FAX: (206) 275-7814 • www.mercerisland.gov

Date: May 6, 2021

To: Utility Board

From: Jason Kintner, Chief of Operations/Public Works Director
Patrick Yamashita, City Engineer/Deputy Public Works Director
Rona Lin, Utilities Engineer

Re: Risk and Resilience Assessment (RRA) & Emergency Response Plan (ERP) Update
Project Updates

BACKGROUND

The 2018 America's Water Infrastructure Act (AWIA) requires all utilities in the United States serving over 3,300 customers to complete a comprehensive evaluation of their water systems to better manage risks and increase resilience. The assessment requires evaluation of "all hazards" including malevolent acts, natural hazards, cyber security, and more. The AWIA also outlines the requirements for utilities to prepare and/or update their Emergency Response Plan (ERP). This update is a follow up to the information presented on March 16th in the joint City Council & Utility Board study session. Refer to [AB5830](#) (attached).

RRA & ERP PROJECT UPDATE

The City hired Carollo Engineers in November 2020 to perform a Risk and Resilience Assessment (RRA). To this date, Carollo and City staff have completed data collections, site visits, and two workshops. Risk analysis of City's water system assets were concluded at the end of the second workshop. Currently, Carollo is finalizing Resiliency study with focus on the operation and financial resilience over the identified risks. Prior to the final conclusion of the RRA, the team will begin working on ERP updates with information developed from the RRA.

The AWIA requires completion of the Risk & Resiliency Assessment by June 30, 2021 and the Emergency Response Plan update by December 31, 2021. The project team is on track to meet these deadlines. The RRA will identify capital projects to address identified risks. Staff will include these projects in future CIP budget proposals starting in 2023-2024.

On Tuesday night, staff will provide an update on the project and discuss the upcoming project schedule.