



1/22/2025

Consideration to Perform a Fire System Infrastructure Assessment

Carlos Quintero, General Manager

Overview

1. The recent January 2025 fires in Los Angeles County, and issues in that area with water availability for firefighting purposes, have prompted the need for Sweetwater Authority (Authority) to perform a Fire System Infrastructure Assessment.
2. The Authority's goal is to maintain a ready state of emergency preparedness, response, and recovery, capable of effectively responding to fire emergencies as they arise



The Assessment

1. Focus on Hydraulic Modeling under different scenarios
 - Industry Standards
 - Coordination with fire departments



The Assessment

2. Include review and summary of challenges tied to the following:

- Direct Fire Damage - Pipes/conveyances, source water, water collection/intake pretreatment, treatment, storage and distribution, electronic, computer, or other automated systems (including security)
- Storage or handling of chemicals
- Power Disruptions - Emergency Power, fuel, treatment and distribution systems
- Access and Response - Brush Clearance and tree trimming
- Wildfire induced water contamination
- Emergency Planning and Response
- Optional Task for Grant research and submittal assistance



HDR, Inc.

1. Familiar with the Authority's System
2. Hydraulic Model set up
3. Experience with vulnerability assessments



Options

1. Authorize the General Manager to execute a contract with HDR, Inc. to perform a Fire System Infrastructure Assessment for a not-to-exceed amount of \$73,100, inclusive of an optional task for grant research and submittal assistance, in accordance with their proposal dated January 16, 2025; and approve the transfer of \$73,100 from the FY 2024-25 Budget Capital Contingency Fund to the FY 2024-25 Budget Operating Expense line time Engineering General Consulting.
2. Other Direction as determine by the Governing Board

Staff Recommends Option 1



Questions?

