### Anchorage Regional Landfill Leachate Upgrade Project

Phase I – Leachate Lagoon Upgrades (Work Package 3)

Presentation to Assembly Enterprise and Utility Oversight Committee November 17, 2022

SINCE SUBJECT OF ALL

## **Leachate Project**

Phase I - Leachate Lagoon Upgrades • Lagoons are at the End of their Useful Life

Construction Summer 2023

#### Phase II - Leachate Management

 Current Practice is to Haul Leachate to AWWU Sewer Collection System & final treatment @ AWWTF

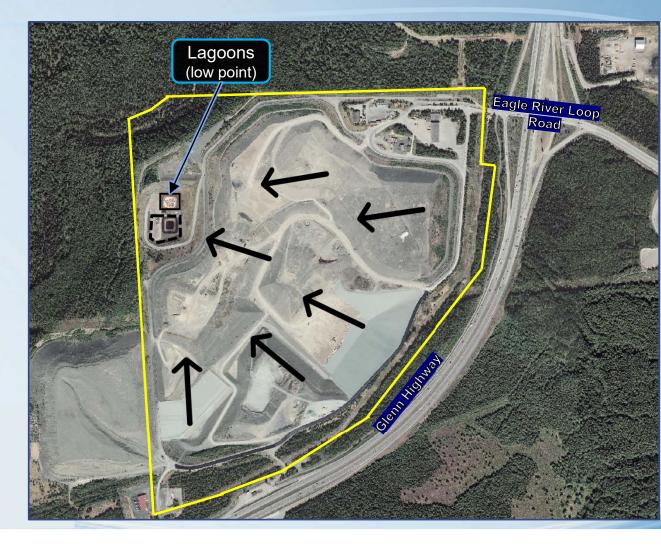




### Phase I – Leachate Lagoon Upgrade (WP #3)

#### Scope:

- Replace 2 Leachate Lagoons
- Replace Mixing and Aeration System
- Lagoon Volume will be Increased
  - o 3 MG to 5.5 MG
  - Give Ability to Attenuate
    Large Surges
  - Allows for Operational Flexibility
  - Allows Room for Any Future Pretreatment Needs
- Simplification of Sludge Removal
- Add SCADA for Monitoring



### **Project Finances & Contracts**

Project Budget - \$22,000,000

Congressionally Directed Spending (FY 23)

- AWWU is expected to receive \$13 MM
  - Directed towards leachate management
  - 95% confidence level in receiving
  - o 20% Match from SWS

#### CMAR Contract with Roger Hickel Contracting

- Work Package 3 Leachate Lagoon Upgrades
  - Construction Estimated @ \$10,000,000
  - o Assembly Agenda December 2023



# **Questions**?



