

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



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
 - 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
 - 20% Match from SWS

CMAR Contract with Roger Hickel Contracting

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



Questions ?

