



Alaska Department of Environmental Conservation

State Revolving Fund Program



Project #339111-SE, Pilot Testing Bio Solids Thermal Remediation

ADEC awards \$1 million fully subsidized loan to the City of Fairbanks for a pilot study to thermally treat wastewater biosolids, destroy per- and polyfluoroalkyl substances (PFAS)

The Alaska Department of Environmental Conservation (ADEC) awarded a \$1 million fully subsidized loan to the City of Fairbanks. Per- and polyfluoroalkyl substances (PFAS) concentrations in biosolids generated at the Golden Heart Utilities Wastewater Treatment Plant exceed regulatory cleanup levels. The biosolids are currently being composted and stored at the Wastewater Treatment Plant with limited space for stockpiling. The City of Fairbanks will use the funds to pilot a study to thermally treat wastewater biosolids, destroy PFAS, and recover energy for beneficial re-use.



ADEC is authorized by state law to issue loans to borrowers for eligible water system infrastructure projects. Administration of the loan is through the ADEC State Revolving Fund Program under the authority of the Alaska Clean Water Fund.

The loan from the Alaska Clean Water Fund for this project carries a below-market-rate finance rate of 0.5%, payable over 20 years. The Alaska Clean Fund is capitalized annually by a grant from the Environmental Protection Agency. The Clean Water State Revolving Fund programs operate around the country to provide states and communities with the resources necessary to maintain and improve the infrastructure that protects our valuable water resources nationwide.

For more information, contact the SRF Program at dec.srfprogram@alaska.gov.