



## Alaska Department of Environmental Conservation Municipal Grants & Loans

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### BIOSOLIDS TREATMENT PROJECT: PHASE I & II ACWF LOAN NO. 445251 City and Borough of Juneau

The City and Borough of Juneau –Biosolids Treatment Project: Phase I and II loan is partially funded with Environmental Protection Agency funds through the Alaska Clean Water Revolving Loan Fund. Administration of the project is through the ADEC Municipal Grants & Loans program under the authority of the Alaska Clean Water Fund.

The funding for this project will be used to design and construct a long term solution for the treatment and disposal of biosolids generated by both the Juneau Douglas and Mendenhall wastewater treatment plants, and other associated upgrades needed to make the project fully operational. The City and Borough of Juneau (CBJ) utilized a sludge incinerator from 1990 until 2009. It was decommissioned due to significant mechanical failures leaving the CBJ with landfill disposal as the only immediate, viable sludge disposal method. Currently, the CBJ is required to ship (by truck, barge and rail) sludge 2000 miles to certified landfills in Arlington, Oregon.

This construction project will achieve a number of benefits, including the following improvements:

- Eliminate the need for barge transportation of sludge
- Reduce the potential of environmental and public health hazards
- Increase energy efficiency at treatment plants and improve overall effluent quality being discharged into Juneau's receiving waters.

If you would like more information about this project, please contact Beth Verrelli at 269-7603 or [beth.verrelli@alaska.gov](mailto:beth.verrelli@alaska.gov).