

**Wrangell Dam Safety and Stabilization Improvements**

**FY2024 Request: \$5,000,000**

**Reference No: 65475**

**AP/AL:** Appropriation  
**Category:** Development  
**Location:** Wrangell

**Project Type:** Life / Health / Safety  
**Recipient:** City and Borough of Wrangell  
**House District:**  
Ketchikan/Wrangell/Metlakatla (HD 1)  
**Contact:** Hannah Lager

**Impact House District:**  
Ketchikan/Wrangell/Metlakatla (HD 1)

**Estimated Project Dates:** 07/01/2023 - 06/30/2024 **Contact Phone:** (907)465-5533

**Brief Summary and Statement of Need:**

The sum of \$5,000,000 is appropriated from the general fund to the Department of Commerce, Community, and Economic Development for payment as grant under AS 37.05.315 to the City and Borough of Wrangell for dam safety and stabilization improvements, for the fiscal year ending June 30, 2024.

<b>Funding:</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	<b>FY2029</b>	<b>Total</b>
1004 Gen Fund	\$5,000,000						\$5,000,000
<b>Total:</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

The City and Borough of Wrangell’s water reservoir dam was originally constructed in 1905 and is classified as poor and the hazard potential high. It is the only source of drinking water on the island. In 2015, the Alaska Department of Natural Resources identified Wrangell’s reservoir dam as the second worst dam in the state. Due to the proximity of residences to the dams, and the lack of a warning system, the possibility of loss of life is high due to spontaneous dam failure and a high velocity of water through the floodplain. Although stable in a static environment, there is a significant likelihood of failure during a substantive seismic event. An Army Corps of Engineers Study from 2006 shows 15 homes and nearly 40 residents at risk in a runout zone. An official engineering report is currently being completed and will provide critical information such as a stability analysis. The reservoir dam’s level is within six inches of overflowing and has become a safety concern for the homes below it. Grant funding will provide the community of Wrangell with resources to expedite improvements to the reservoir dam and ensure the safety of those who live in the community.

**REAPPROP: Statewide Heating Ventilation and Air Conditioning Negative Air Isolation**

**FY2024 Request: \$0**  
**Reference No: 64670**

**AP/AL:** Appropriation  
**Category:** Public Protection  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1 - 40)  
**Estimated Project Dates:** 07/01/2024 - 06/30/2029

**Project Type:** Life / Health / Safety  
**House District:** Statewide (HD 1 - 40)  
**Contact:** Teri West  
**Contact Phone:** (907)465-3311

**Brief Summary and Statement of Need:**

The unexpended and unobligated balance, estimated to be \$3,587,547, of the appropriation made in sec. 11, ch. 1, SSSLA 2021, page 103, lines 28-30 (Department of Commerce, Community and Economic Development, grants to electric utilities to address delinquent payments due to COVID-19 (HD 1-40) – \$7,000,000), is reappropriated to the Department of Corrections for the purpose of statewide heating ventilation and air conditioning negative air isolation.

<b>Funding:</b>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Multiple correctional facilities do not have negative air isolation or underperforming Heating, Ventilation, and Air Conditioning (HVAC) systems. The project scope of work is to improve HVAC outside fresh air and negative air isolation per American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) requirements. Airborne pathogens such as tuberculosis or COVID-19 pose health and life safety risks to staff and inmates.

**Project Description/Justification:**

This project will upgrade current systems in use to 2022 OSHA standards. Facilities that do not have negative air HVAC systems require modifications. The Centers for Disease Control and Prevention (CDC) updated standards after the 2020 COVID-19 pandemic have increased airflow and filtering requirements. If the project is not funded, DOC staff and inmates are at risk to illness from airborne pathogens. This project includes evaluation of the correctional facilities architectural design services (\$250,000), and construction for repair and replacement as required (\$2,300,000).