

**Nome - Anvil Mountain Correctional Center Emergency  
Water Line Repairs**

**FY2017 Request: \$0  
Reference No: 60974**

**AP/AL:** Appropriation  
**Category:** Public Protection  
**Location:** Nome

**Project Type:** Deferred Maintenance  
**House District:** Bering Straits/Yukon Delta  
(HD 39)

**Impact House District:** Bering Straits/Yukon Delta  
(HD 39)

**Contact:** L. Diane Casto

**Estimated Project Dates:** 06/30/2016 - 06/30/2020 **Contact Phone:** (907)465-3960

**Brief Summary and Statement of Need:**

Emergency repairs to failing water lines at the Anvil Mountain Correctional Center (AMCC). The Nome Joint Utility Service performed upgrades to their water lines. These upgrades increased the rate at which water traveled through the utility's main line and greatly reduced the volume of water that could be drawn from the AMCC water pump. When the water pump was upgraded, the connecting water lines to the AMCC could not support the increase in pressure and began leaking in several areas of the piping. This project will replace the water lines in order to accommodate the water needs of the correctional facility.

<b>Funding:</b>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>Total</u>
1004 Gen Fund	\$1,084,000						\$1,084,000
<b>Total:</b>	\$1,084,000	\$0	\$0	\$0	\$0	\$0	\$1,084,000

<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"/> On-Going
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	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

An Anvil Mountain Correctional Center water line was leaking, creating low pressure and water shortages at the facility. A temporary fix has been completed and the line is currently holding pressure. The first temporary line treatment was put into place late August 2015. A second lining was applied early September 2015 for additional wall thickness stability for the first 300 feet from the Nome Joint Utility Service side. The linings sealed the existing leaks but reduced the interior diameter of the existing 1.5 inch line, further reducing tank fill capacity and increasing line pressure. The remaining 300 feet of 1.5 inch water line are fragile and failure is imminent.

The 1.5 inch existing water line is undersized and causes other tank filling problems due to pressure restrictions. If this system were to fail again, the facility would require water service delivery, water

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rationing, as well as a reduction of the daily inmate count below 60 per day to meet and maintain water demands.

The Department of Corrections is currently doing everything possible to keep water services online. This project is needed in order to provide a permanent solution to the failing water lines.