

**Village Safe Water Service and Infrastructure Protection  
Projects and New Technology Approaches**

**FY2014 Request: \$5,000,000  
Reference No: 54473**

**AP/AL:** Appropriation

**Project Type:** Water / Sewer / Solid Waste

**Category:** Health/Human Services

**House District:** Statewide (HD 1-40)

**Location:** Statewide

**Contact:** Bill Griffith

**Impact House District:** Statewide (HD 1-40)

**Estimated Project Dates:** 07/01/2013 - 06/30/2018 **Contact Phone:** (907)236-7601

**Brief Summary and Statement of Need:**

In response to the steep decline in funding for rural Alaska sanitation projects and the steady increase in construction costs, the Department requests \$5 million to research and develop (R&D) innovative sanitation technologies and to initiate several longevity-enhancement (“band-aid”) projects. These initiatives will stretch limited rural sanitation funds and will assist the Department in protecting public health.

<b>Funding:</b>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>Total</u>
Gen Fund	\$5,000,000						\$5,000,000
<b>Total:</b>	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" 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:**

Sec1 Ch17 SLA2012 P113 L19 SB160 \$1,000,000

**Project Description/Justification:**

The FY2013 budget included \$1 million to begin R&D efforts. These funds are being used to complete the first phase of this project, which includes solicitation of private sector R&D teams and development of proposals for pioneering water and sewer technologies that may significantly reduce future costs to communities and the state. The FY2014 project will allow the Department to continue this undertaking and support the efforts of the selected R&D teams to design, construct, pilot test, and refine prototypes of their proposed technology.

This project will also allow the Department to initiate several projects to extend the life of deteriorating or failing systems. If aging and deteriorating systems are not mended and break down, an emergency situation will arise and residents will be left without any means of obtaining safe drinking water or safely disposing of human waste. Due to the isolated nature of many villages, responding to such an emergency could take weeks or even months. These stopgap or “band-aid” projects will not expand existing systems but will prolong their functionality and protect human health.