

**Oil and Gas Transportation: Aging Infrastructure Issues****FY2002 Request:****\$500,000****Reference No:****33914****AP/AL:** Appropriation**Project Type:** Health and Safety**Category:** Health/Human Services**Recipient:** Statewide**Location:** Statewide**Contact:** Larry Dietrick**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5250**Estimated Project Dates:** 07/01/2001 - 06/30/2003**Brief Summary and Statement of Need:**

Oil Spill Prevention: Safe Transportation of Oil: Safe transportation of oil can be enhanced by addressing the key technical issues associated with Alaska's aging infrastructure. Oil spills will be prevented by evaluating pipeline and tank integrity issues and by evaluating best available technology (BAT).

<b>Funding:</b>	<b>FY2002</b>	<b>FY2003</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>FY2007</b>	<b>Total</b>
Oil/Haz Fd	\$500,000						\$500,000
<b>Total:</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</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"/> 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>

**Additional Information / Prior Funding History:**

There have been no prior appropriations for this project.

**Project Description/Justification:**

As Alaska's oil production and transportation infrastructures continue to age, the potential spill risk may increase. A primary responsibility of the Industry Preparedness and Pipeline Program is to work with the oil industry to prevent spills and handle oil safely. The specific projects below will enhance achieving this goal by evaluating key technical issues associated with Alaska's aging infrastructure.

Assess and review the integrity of Cook Inlet area pipelines, assess their spill risk and provide recommendations for improvements to enhance spill prevention. Major tasks include: 1) Research/Data Collection of existing pipeline design information, corrosion programs, leak detection systems and spill statistics; 2) Assessment/Analysis of risk issues, spill statistics; and 3) Preparation of recommendations based on the analysis of information reviewed to ensure continued safe transportation of oil. (100.0)

Evaluate and report on the corrosion monitoring and control technologies and associated practices that are being used in Alaska's oil industry. The areas to be evaluated include: 1) Cathodic protection or other approved corrosion control program for tank bottoms; 2) Corrosion survey of buried lines; 3) Protective coatings and cathodic protection for new or repaired buried pipelines; and 4) Maintenance practices/corrosion control program for buried steel piping. (200.0)

Evaluate and determine Best Available Technology (BAT) for use in oil spill prevention and response systems in Alaska. This request would fund activities associated with the ADEC sponsored BAT Technology Conference, which is required by state regulation to take place in 2002. (150.0)

Evaluate and make recommendations regarding the appropriateness and applicability of American Petroleum Institute

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(API) Standards for tanks and piping, with specific focus on the applicability of these standards to Alaska conditions.  
(50.0)