

**Spill Prevention - Best Available Technology Analysis****FY2012 Request:****\$100,000****Reference No:****35723****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Health/Human Services**Recipient:** Statewide**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Larry Dietrick**Estimated Project Dates:** 07/01/2011 - 06/30/2013**Contact Phone:** (907)465-5250**Brief Summary and Statement of Need:**

This project provides funding for a review and appraisal by the department of oil spill prevention and response technologies that represent alternatives to the technologies used by plan holders in their oil discharge prevention and response plans. The department's review and appraisal of emerging technologies, such as oil spill response in arctic and ice covered waters, pipeline leak detection and well blowout control, will include engaging in studies, inquiries, surveys and analysis and the sponsorship of technology conferences to provide persons, organizations, and groups with interests and expertise in relevant technologies to present data on these technologies. Supports End Result B - Environment is Protected.

| <b>Funding:</b> | <b>FY2012</b>    | <b>FY2013</b> | <b>FY2014</b> | <b>FY2015</b> | <b>FY2016</b> | <b>FY2017</b> | <b>Total</b>     |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Oil/Haz Fd      | \$100,000        |               |               |               |               |               | \$100,000        |
| <b>Total:</b>   | <b>\$100,000</b> | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$100,000</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            |
| <u>One-Time Startup:</u> | <u>0</u>      | <u>0</u>     |
| Totals:                  | 0             | 0            |

**Additional Information / Prior Funding History:**

\$250,000 in FY2003

**Project Description/Justification:**

This project funds an analysis of best available oil spill prevention and response technologies, pursuant to 18 AAC 75.447. To assure that proven new technologies are considered for use in oil discharge prevention and contingency plans, the department is required to review and appraise technology applied at other locations in the United States and the world that represent alternatives to the technologies used by plan holders. The use of best available technology (BAT) is an important factor in the department's evaluation of contingency plans, which are required for oil terminals, pipelines, tank vessels and barges, railroads, refineries, nontank vessels, and exploration and production facilities.

The department's review includes an evaluation of available technologies worldwide in order to ensure that contingency plans reflect the current state of advanced technology. The department is required to conduct this review and appraisal in cooperation with persons, organizations, and groups with interests and expertise in relevant technologies. The review is to include studies, inquiries, surveys, or analyses the department believes are appropriate to the consideration of these new

---

technologies, and the sponsorship of a technology conference to be held at least every five years.

The technology review will identify the status of existing technologies in use as well as technologies that may be considered superior to those currently in use. The department will use this information to develop and issue written findings identifying new technologies that the department considers represent proven technological breakthroughs in oil discharge containment, control, or cleanup equipment in accordance with 18 AAC 75.447. The department will also identify specific operations, geographic locations, or physical environments where the technology could be applied.

Findings will assist industry and the public by providing an awareness of additional technology options appropriate to Alaska's environment.