

**Agency: Department of Environmental Conservation****Project Title:**

# Dilution of Effluent Study

**State Funding Requested: \$ 135,000****House District: Statewide (1-40)**

Future Funding May Be Requested

**Brief Project Description:**

This project consists of a study and report of the behavior and effects of discharges from cruise ships on state water resources.

**Funding Plan:****Total Cost of Project: \$135,000**Funding Secured

Amount FY

Other Pending Requests

Amount FY

Anticipated Future Need

Amount FY

There is no other funding needed

**Detailed Project Description and Justification:**

This project involves completing a study to calculate the size of mixing zones needed to dilute discharges from cruise ships to levels that meet state water quality standards. Models will be developed to predict the behavior of typical cruise ship discharges in receiving waters under a variety of scenarios. The study will also draw conclusions as to impacts of discharges on aquatic resources taking into account the dispersal and dilution of pollutants upon discharge.

This study is needed to provide a scientific understanding of the behavior and effects of cruise ships discharges on the receiving environment. That understanding is essential to considering state policies that apply to these discharges and to inform the substantial public debate surrounding this topic. A report of findings will be prepared, submitted to the Legislature, and made available to the public.

**Project Timeline:**

The study and report are to be completed by January 1, 2009.

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Depart of Environmental Conservation

**Grant Recipient Contact Information:**

Contact Name: Denise Koch, Cruise Ship Program Mgr Phone Number: 465-5312

Address: PO Box 11800, Juneau, AK 99811-1800

Email: denise.koch@alaska.gov

Has this project been through a public review process at the local level and is it a community priority?  Yes  No