490 - Department of Natural Resources
Capital Project Request
2009-11 Biennium

Version: 01 Agency Requested
Report Number: CBS002
Date Run: 9/5/2008 10:49AM

Project Number: 20062850
Project Title: Deep Water Geoduck/Sea Cucumber Population Surveys

Description

Starting Fiscal Year: 2006
Project Class: Program
Agency Priority: 13

Project Summary
This is a reappropriation request. The amount being requested is to complete the study mandated by the legislature in 2006.

Project Description
The study is mandated under a 2006 state capital budget proviso for $850,000.

The Study will be based upon work conducted in two previous phases and will investigate the following objectives. (1) Estimate abundance, distribution, and filter feeding capacity of geoducks in Hood Canal: benthic seafloor mapping and geoduck population surveys and report; calculate and report the filtration rate and rate of transfer of suspended solids to benthic environments, by assessing relative effects of geoducks and other filter feeders. (2) Assess historical dynamics of Hood Canal geoduck populations and identify source-sink dynamics, tie to 2005 House Bill 1986 work. (3) Assess population abundance and distribution of sea cucumbers: population surveys and report. (4) Estimate and report on abundances of other biota that fill similar ecological roles in Hood Canal. (5) Determine effects of shellfish biodeposits on sediment chemistry: measure bentic fluxes; assess and report on sediment chemistry flux in shellfish beds; control with sites where shellfish are absent.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Special Programs

Growth Management Impacts
None

New Facility: No

Funding

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<th>Acct Code</th>
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<th>Estimated Total</th>
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Future Fiscal Periods

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Operating Impacts

No Operating Impact