

# STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF COASTAL AND OCEAN MANAGEMENT

<http://www.alaskacoast.state.ak.us>

SEAN PARNELL, GOVERNOR

□ SOUTHCENTRAL REGIONAL OFFICE  
550 W 7<sup>th</sup> AVENUE SUITE 705  
ANCHORAGE, ALASKA 99501  
PH: (907) 269-7470 FAX: (907) 269-3891

× CENTRAL OFFICE  
P.O. BOX 111030  
JUNEAU, ALASKA 99811-1030  
PH: (907) 465-3562 FAX: (907) 465-3075

January 7, 2010

City and Borough of Juneau  
Docks and Harbors Dept.  
c/o Mr. Dick Somerville  
PND Engineers, Inc.  
9360 Glacier Hwy., Suite 100  
Juneau, AK 99801

Subject: **Gastineau Channel (CBJ Old Douglas Harbor Renovation)  
DCOM I.D. No. AK 1001-01J**

Dear Mr. Somerville:

DCOM received a Coastal Project Questionnaire and corresponding documents for the City and Borough of Juneau's (CBJ) proposed renovation to the Douglas Harbor in June 2007, as well as a modification to that proposal on July 28, 2009. On December 8, 2009, the U.S. Army Corps of Engineers (USACE) issued a public notice verifying that they would authorize the activity via an Individual Permit, which is subject to review under the Alaska Coastal Management Program (ACMP).

Prior to initiating the consistency review, I facilitated a teleconference with other state and federal agencies on December 17, 2009, to discuss the proposed project and identify any outstanding issues so they may be addressed early in the consistency review process. The following is a consolidated request for information necessary for State agencies and ACMP review participants to evaluate your proposed project. In some instances the information requested is also necessary for one or more state agency's permit adjudication process. If you have previously provided the requested information, please provide the citation for that information. Where existing information has been identified as insufficient, please elaborate.

1. Provide information and a description of why allowing lower water quality is necessary to accommodate important economic or social development in the area where the water is located.
2. Provide information and a description of how the addition of sediment contaminated with mercury will not violate the applicable criteria of 18 AAC 70.020, specifically 70.020(23)(C)

*"Develop, Conserve, and Enhance Natural Resources for Present and Future Alaskans."*

"The concentration of substances in water may not exceed the numeric criteria for aquatic life for marine water and human health for consumption of aquatic organisms only shown in the *Alaska Water Quality Criteria Manual* (see note 5), or any chronic and acute criteria established in this chapter, for a toxic pollutant of concern, to protect sensitive and biologically important life stages of resident species of this state. There may be no concentrations of toxic substances in water or in shoreline or bottom sediments, that, singly or in combination, cause, or reasonably can be expected to cause, adverse effects on aquatic life or produce undesirable or nuisance aquatic life, except as authorized by this chapter. Substances may not be present in concentrations that individually or in combination impart undesirable odor or taste to fish or other aquatic organisms, as determined by either bioassay or organoleptic tests."

3. Provide a description of the methods of pollution prevention, control, and treatment found to be the most effective and reasonable that will be applied to all wastes and other substances to be discharged.
4. Provide information and a description of how all wastes and other substances discharged will be treated and controlled to achieve the highest statutory and regulatory requirements.
5. Provide information and a description of how the activity, when completed, will not cause a long-term, chronic, or recurring violation of the water quality standards.
6. Expand on the description of the proposed activity provided in the USACE Public Notice. Specifically describe the time of year of the proposed activity and the project duration. Please also clarify the amount of dredge materials you propose to dispose of on State tide and submerged lands.
7. Provide information and a description of the areal extent of the discharged dredge material and quantify the degree of variance from the applicable criteria.
8. Expand on the alternative analysis already provided (go beyond economic consideration) to include the ecological impact and water quality impact of each alternative.
9. Provide information and a description of the potential direct and indirect impacts on human health of the proposed activity.
10. Provide information and a description of the existing uses (such as recreational, personal use, subsistence, or commercial) of the waterbody in the project area and within an area of anticipated impacts from the project area.
11. Provide information and description of the estimated impact (both short-term and long-term) of the proposed activity's discharge of dredged material on the existing uses of the water involved, including recreation and use for habitat, rearing, growth, or migration by fish, shellfish, other aquatic life, and wildlife including the potential for bioaccumulation and persistence.
12. Provide information and a description of the expected duration of proposed deposit and the potential transport of pollutants by biological, physical, and chemical processes. Include

consideration of the potential of propeller wash from cruise ships, current and tides to move the dredged material out of the disposal site and disperse the material over a larger area.

13. Describe in detail the methods of disposing of dredge materials. Will the dredged material be dumped from the barge, or pumped down to the bottom of the channel?
14. The proposed disposal site currently has a depth of 18 fathoms, what is the anticipated final depth of the disposal site following placement of the dredged materials?
15. Could the disposal site be capped following use? What depth would be necessary for a cap to be effective?

In addition, although you submitted an application for a land use permit, casefile LAS 26103, on February 6, 2007, DNR-Division of Mining, Land and Water (DMLW) has deemed the application incomplete. DMLW has requested that you complete Part 5 of the permit application supplemental questionnaire for use of marine waters and update the information provided regarding upland property owners, as well as provide updated quantities for proposed disposal on state owned lands.

Please contact me if you have any questions regarding the above request for information, or this project in general.

Sincerely,



Carrie Bohan  
Project Review Coordinator

#### Enclosures

cc: William Ashton – ADEC, Anchorage  
Alex Dugaqua – ADNR/DMLW, Juneau  
Joe Hitselberger – ADFG/Habitat, Juneau  
Teri Camery – Coastal District, Juneau  
Heidi Firstencel – USACE Regulatory, Juneau  
Chris Meade – EPA, Juneau  
Chiska Derr – NMFS, Juneau  
Deborah Rudis – USFWS, Juneau  
State Historical Preservation Office - ADNR/SHPO, Anchorage  
John Stone – CBJ, Docks and Harbors