



KENAI PENINSULA BOROUGH

Coastal Management Program

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**JOHN J. WILLIAMS
BOROUGH MAYOR**

July 22, 2008

State of Alaska
Department of Environmental Conservation
Division of Environmental Health
Pesticides Program
1700 E. Bogard Rd., Bldg. B. Ste 103
Wasilla, Alaska 99654
Attn: Karin Hendrickson

Subject: ARC Lake Pesticide Permit

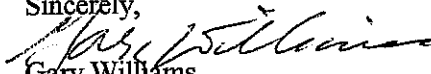
Dear Ms. Hendrickson:

The staff of the Kenai Peninsula Borough Coastal Zone Management Program (KPBCZMP) reviewed the application for a piscicide activity in Arc Lake near Soldotna, Alaska. The KPBCZMP has no enforceable policy related to the activity described in the Coastal Project Questionnaire.

Based on the project narrative it is our understanding that the Alaska Department of Fish and Game proposes to apply a piscicide to the waters of Arc Lake during Fall 2008 to eradicate illegally introduced invasive northern pike that has eliminated an existing stocked coho salmon fishery. Arc Lake covers approximately sixteen surface acres and contains approximately 137 acre-feet of water and has no surface water inlets or outlets. The piscicide selected for use is called CFT Legumine (EPA Registration No. 75338-2) which contains a naturally occurring plant derivative called rotenone that is toxic to fish and naturally degrades with sunlight and warm temperatures. Pending bioassay results, it is anticipated that the treatment concentration in the lake would be 1 part per million CFT Legumine. Application of this piscicide in late fall just prior to freeze-up would be expected to prolong the active life of the piscicide and increase the likelihood of successfully eradicating northern pike while limiting impacts to other organisms. There are no known human health risks from waters treated with rotenone at the recommended treatment concentrations. Environmental impacts from this project are expected to be minimal.

Thank you for seeking local comment on this project.

Sincerely,


Gary Williams
Kenai Peninsula Borough
Coastal District Coordinator

Copy: Mr. Robert Massengill, ADF&G, Soldotna