

Sent: Thursday, January 24, 2013 12:35 PM
To: Sen. Cathy Giessel
Subject: Testimony Regarding Mixing Zones for Cruise Ship Discharge

Dear Sen. Cathy Giessel: (and Senators Dyson, Micciche, Bishop, McGuire, Fairclough, and French)

Testimony I wish to have part of the public record. Please share with all members of the Senate Resources Committee. I will not be able to attend the meeting at 3:30PM on Friday. Thank you for your assistance. Please confirm receipt of this message and its distribution to all members of the Senate Resources Committee.

As a former water and wastewater operator who has Class A licenses (the highest of four levels in Colorado), the first woman in the state to do so for both water and wastewater treatment, and having worked in the industry for several years, as well as having my degree in biology/chemistry, I know that mixing zones are an absolutely worthless regulatory tool. This is true in rivers and even more obviously true in oceans. All standards must be at the point of discharge. In Colorado I received an award from the State for "Outstanding Contributions to the Prevention of Pollution to State Waters."

I have lived in Haines for the past twenty years. I, and most people in our community and in SE, get our food from the ocean--hooligan, salmon, halibut, shrimp, crab. There is nothing more important to us than our food be healthy. I strongly oppose any legislation and/or regulations where discharge standards from cruise ships or any other industry allow for mixing zones. All standards must be at the point of discharge, where they can be accurately measured.

Regards, Kathleen Menke
PO Box 781
Haines AK 99827
907-766-3517