

- KENAI RIVER
- WOMEN'S BAY
- KODIAK LAKES (6)

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**From:** Patrick-Riley, Kent  
**To:** Grant, Drew  
**Cc:** Rieth, Bill; Rumpfelt, Tim; Hock, Jeff; Buchholz, Les  
**Subject:** comments on 303 (d) lists  
**Date:** Monday, January 05, 1998 3:06PM

- HOOD LAKE/CR
- SHED CR.
- CHERRY HILL
- LOST HBR

Here are my preliminary comments on the lists. Note that these are just quick ones, not detailed findings.

Comments directed towards those in SouthCentral alone.

Nominated waterbodies list

Cook Inlet

While there has been suspicion on parts of some groups that Cook Inlet has water quality problems, I have not seen any documentation demonstrating exceedances of criteria.

Kenai: I will defer to Les. For your and his info, the Kenai bioassessment protocol study done by ENRI this summer is nearing finalization. At we don't currently have biological criteria in the WQ regs, I don't think that we can demonstrate violation of WQ standards of the streams sampled during the study.

Kodiak - I'm unsure if Les has info on waterbodies there, but in case not, here's some info:

Womans Bay: There are numerous contaminated sites around this Bay, I am unaware of any documentation showing persistent WQ violations.

Several lakes on Kodiak had testing performed by Clean Lakes for Kodiak (subcommittee of Kodiak Soil and Water Conservation district). Their report ((An Assessment of the Character and Health of Kodiak's Urban Watershed and Lake. It is unclear as to level of QA/QC and number of samples, and over what timeframe sampling was performed. With that caveat, data reported for the following waterbodies and parameters indicate possible impairments:

1. Upper Horseshoe Lake: Fecal coliform (6 samples, average = 574, max = 2430, 2 of 6 > 100)
2. Lower Horseshoe Lake: Fecal coliform (6 samples, average = 840, max '40, 3 of 6 > 100), Turbidity (NTU of 48), Color (41 pt units) - report indicates above natural conditions)
3. Beaver Lake: Fecal Coliform (7 samples, average = 1120, max T00, 5 of 7 > 100)
4. Island Lake: Fecal Coliform (8 samples, Average 440, max = 1800, 6 of 8 > 100)
5. PotatoPatch Lake: Fecal Coliform (6 samples, average = 157, max = 470 2 of 6 > 100)
6. Mission Lake: Fecal Coliform (7 samples, average = 243, max = 800, 3 of 7 > 100); possibly pH, average of 8.34, some over 9.3; other lakes in area have pH between 6.5 and 7)

Hood Creek (not on list)

**Beaver Lake - Fecal Coliform**

**Upper Horseshoe Lake - Fecal Coliform**

**Lower Horseshoe Lake - Fecal Coliform, Color, Turbidity**

**Island Lake - Fecal Coliform**

**Mission Lake - Fecal Coliform, pH**

**Discussion:** These lakes are in the Kodiak area and were investigated by Clean Lakes for Kodiak. Their report is titled, "An Assessment of the Character and Health of Kodiak's Urban Watershed and Lakes."

**Comments:** Some of the data made available to us indicates possible water quality impairment of these lakes. We are waiting to receive a copy of the report to determine whether the data indicates listing these lakes. We're pleased to hear of the community's collaboration with the Kodiak Soil and Water Conservation District to address water quality concerns.

#### **Open File and Monitoring Priorities**

A number of waterbodies came to EPA's attention during the 1998 §303(d) list development process. Among these, several had inadequate data to confirm persistent exceedances of AK's water quality standards. However, the data indicates that there is reason to be concerned that standards may be violated. EPA recommends that these waters become a priority for monitoring (by the potential source facilities, if possible) in the next two years and be considered for listing in the next cycle.

**Akutan Harbor - Petroleum**

**Auke Bay - Fecal Coliform and debris**

**Gastineau Channel (Douglas Island) - Fecal Coliform and Debris**

**Sweeper Creek - PCBs**

**Sweeper Cove - Petroleum**

**Twin Lakes - Fecal Coliform, Sediment**

**Saginaw Bay - Debris from LTF**

**False Island - Debris from LTF**

**Tanana Flats, including McDonald Creek and Bear Creek - Toxics (Organic Phosphate) from Military Source**



# Kodiak Island Borough

710 MILL BAY ROAD  
KODIAK, ALASKA 99615-6398

February 29, 1996

Via Fax 465-5274

Eric Decker  
Alaska Department of Environmental Conservation  
Division of Air and Water Quality  
410 Willoughby Avenue Suite 105  
Juneau, Alaska 99801-1795

Re: Draft 1996 Section 305(b) Water Quality Assessment Report

Dear Mr. Decker:

The Kodiak Island Borough has reviewed the report referenced above. We have specifically reviewed the "Candidate 1996 303(d)(1)(A) and (B) List of Waters" which is included as Appendix IV of the draft report. We agree with that the one waterbody you have identified for our region belongs on this list. As you are aware, this waterbody was on the list in 1994, and should remain on the list for 1996.

We do have two additions to the "1996 Alaska surface waterbodies suspected of being affected by pollutants from point and nonpoint sources" list. The two water bodies that should be added are: Beaver Lake (impacted by urban runoff, road runoff, storm drainage, streambank/shoreline modification, and sewage discharge) and Island Lake (impacted by the same pollutant sources as Beaver Lake. These two lakes are part of the same watershed/waterway complex that includes Dark Lake and Horseshoe Lake.

For you information, the group Kodiak Clean Lakes has completed water quality sampling for seven lakes located in Kodiak urban area. These lakes are: Beaver Lake, Island Lake, Dark Lake, Horseshoe Lake, Lilly Lake, Potato Patch Lake and Mission Lake. If you would like more information about the type, frequency, and results of these tests, please contact Bud Cassidy, Kodiak Island Borough Resource Management Officer at 486-9302. In addition, the Kodiak Island Borough performs continuing water quality test on "Kodiak Landfill Creek". Information about these tests is available from Don Alexander, Kodiak Island Borough Environmental Engineer. We have one other comment, about the format of the "suspect list". We believe it would be helpful if you grouped the waterbodies together on the list by region. This would make it easier to assess potentially polluted waterbodies on a regional basis.



## *Kodiak Island Borough*

Eric Decker  
February 29, 1996  
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Thank you for the opportunity to comment on the draft document. If you have questions about these comments, please feel free to call me at 486-9360.

Respectfully,

A handwritten signature in black ink, appearing to read 'Linda L. Freed', written in a cursive style.

Linda L. Freed, Director  
Community Development Department

c.c. Bud Cassidy, Resource Management Officer  
Don Alexander, Environmental Engineer