

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1994 STATEWIDE WATER QUALITY ASSESSMENT

NAME OF WATERBODY: SITKA Channel

Location or Lat/Long: SITKA, AK. Barond's Lapowski Islands - Kattian St.

Is the waterbody in a national or state park, monument, refuge, preserve, or similar area?:

Yes No / Name: _____

Waterbody Type:	Waterbody Size:	Segment of Waterbody Addressed:
<input type="checkbox"/> River/Stream	<u>1</u> Miles	From: <u>Eastern Channel</u>
<input type="checkbox"/> Lake	_____ Acres	To: <u>Western Channel</u>
<input type="checkbox"/> Fresh Wetland	_____ Acres	Other Description: _____
<input type="checkbox"/> Tidal Wetland	_____ Acres	_____
<input type="checkbox"/> Estuary	_____ Square Miles	Size of Segment: <u>1 mile</u>
<input checked="" type="checkbox"/> Coastal Shoreline	_____ Miles	_____
<input type="checkbox"/> Groundwater		

Period of Assessment, From: 1987 To: Present

Assessment completed by: J. Cleve Sitka District Office

Type of Documentation (attach if possible):

- | | |
|---|--|
| <input checked="" type="checkbox"/> Water quality data | <input type="checkbox"/> Written report |
| <input checked="" type="checkbox"/> Documented oil spills | <input checked="" type="checkbox"/> Field notes |
| <input type="checkbox"/> NOV / Enforcement action | <input type="checkbox"/> Overflight |
| <input type="checkbox"/> Photos with documentation | <input type="checkbox"/> Observation |
| <input type="checkbox"/> Fish / Habitat survey | <input type="checkbox"/> Other (please describe below) |

Assessment based on: Monitored water quality data Evaluated (Best professional judgement)

Describe Source and Nature of Pollution, Documentation Provided and Other Comments:
Urban harbor, seafood processing with discharges, oil terminal facilities, fishing boat ~~stop~~ moorage and maintenance, lead-acid batteries seen on channel bottom, waste metal, plastic, several oil spills.

RESPONDENT INFORMATION:

Name: James Cleve Phone: 747-8614 Date: 12/9/93
 Employer: DEC Dept: DEC Title: District Manager
 Address: 901 HRR # C Sitka 99835
 Education/Experience: Environmental Engineer, 10 years w/ DEC

TYPES OF POLLUTANTS (Please indicate relative severity; H= High, M= Medium, S= Slight):

- Cause unknown
 - Unknown toxicity
 - Pesticides: _____
 - Priority organics: _____
 - Nonpriority organics: _____
 - Metals: Pb _____
 - Ammonia
 - Chlorine
 - Other inorganics
 - Nutrients
 - pH
 - Siltation/sedimentation
 - Low dissolved oxygen
 - TDS/Salinity/Chlorides
 - Temperature modifications
 - Flow alterations
 - Other habitat alterations
 - Pathogens
 - Radiation
 - Oil and Grease
 - Taste and odor
 - Suspended solids
 - Noxious aquatic plants
 - Filling and draining
 - Total toxics
 - Turbidity
 - Exotic species
 - Debris, foam, scum, etc.
 - Insufficient stream structure
 - Arsenic
- Other: _____

SOURCES OF POLLUTANTS (Please indicate relative severity; H= High, M= Medium, S= Slight):

- Point Sources:**
 - Industrial
 - Municipal
- Urban Runoff:**
 - Storm sewers
 - Combined sewers
 - Surface runoff
- Agriculture:**
 - Non-irrigated crop production
 - Irrigated crop production
 - Pasture land
 - Range land
 - Feedlots
 - Aquaculture
 - Animal waste/holding areas
 - Manure lagoons
- Silviculture:**
 - Timber harvest
 - Stream restoration projects
 - Road construction/maintenance
 - Elimination of stream thermal cover
 - Log Transfer Facilities (estuary)
 - Log Sort Yard (land)
- Construction:**
 - Highway/road
 - Bridge construction/repair
 - Land development
- Resource Exploration/extraction:**
 - Surface mining
 - Subsurface mining
 - Placer mining
 - Dredge mining
 - Petroleum activities
 - Mill tailings
 - Mine tailings
 - Gravel mining
 - Injection wells
- Waste Disposal:**
 - Sludge
 - Wastewater
 - Landfills Industrial land treatment
 - Onsite wastewater systems
 - Hazardous waste
 - Sewage disposal
 - Septic tank leak
- Hydrologic Modification:**
 - Stream channelization
 - Dredging
 - Dam construction
 - Flow regulation/modification
 - Bridge construction
 - Removal of riparian vegetation
 - Streambank modification/destabilization
 - Draining/filling of wetlands
- Marinas:**
 - Small boat harbors (up to 10 slips)
 - Harbors (recreational/commercial)
 - Loading facilities (commercial)
- Other:**
 - Atmospheric deposition
 - Waste storage tank leaks
 - Highway maintenance/runoff
 - Petroleum/chemical spills, leaks
 - In-place containments
 - Natural sources
 - Recreational activities
 - Upstream impoundment
 - Salt storage sites
 - Fire damage/restoration
 - Underground storage tanks
 - Aboveground storage tanks
 - Saltwater intrusion
 - Road salting
 - Fish, shellfish wastes
 - UNKNOWN SOURCE