

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1994 STATEWIDE WATER QUALITY ASSESSMENT

NAME OF WATERBODY: McClure Bay

Location or Lat/Long: SW 1/4 SE 1/4 of Sec. 2, T5N, R6E, Seward Meridian, East side of McClure Bay which is on east side of Port Nellie Swan in Prince William Sound, AK

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

Yes / No / Name: Chugach National Forest

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

Period of Assessment, From: July 16, 1991 To: Sept, 13, 1991

Assessment completed by: Chris Roe, Bureau of Mines and Carol Huber, Forest Service

Type of Documentation (attach if possible):

- | | |
|---|---|
| <input type="checkbox"/> Water quality data | <input checked="" type="checkbox"/> Written report |
| <input type="checkbox"/> Documented oil spill | <input checked="" type="checkbox"/> Field notes |
| <input type="checkbox"/> NOV / Enforcement action | <input type="checkbox"/> Overflight |
| <input checked="" type="checkbox"/> Photos with documentation | <input checked="" type="checkbox"/> Observation |
| <input type="checkbox"/> Fish / Habitat survey | <input checked="" 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: Abandoned Site Inventory West Gable Cannery, now closed, is 10 to 50 feet above sea level along the shores of McClure^{Bay}. Considerable rubble and debris makes locating hazard materials difficult. It is likely various hazardous materials are present. A large volume of solid waste litters the shoreline and high tide areas. The presence of an electrical generating plant suggests PCBs may be present as well.

RESPONDENT INFORMATION:

Name: Carol S Huber Phone: 271-2541 Date: 3-15-94
 Employer: USDA Forest Service Dept: Minerals/Soils/Water Title: Forest Geologist
 Address: 3301 C St Ste 300, Anchorage AK 99503
 Education/Experience: BS Geology / Water Quality Study / Abandoned Mine Inventory

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

- Cause unknown
 - Unknown toxicity
 - Pesticides: _____
 - Priority organics: _____
 - Nonpriority organics: _____
 - Metals: _____
 - 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

United States
Department of
Agriculture

Forest
Service

Chugach
National
Forest

3301 "C" Street
Suite 300
Anchorage, AK 99503-3998

Reply to: 2800

Date: March 17, 1993

Earl Hubbard
Water Quality Management Section
Department of Environmental Conservation
410 Willoughby Avenue, Suite 105
Juneau, Alaska 99801

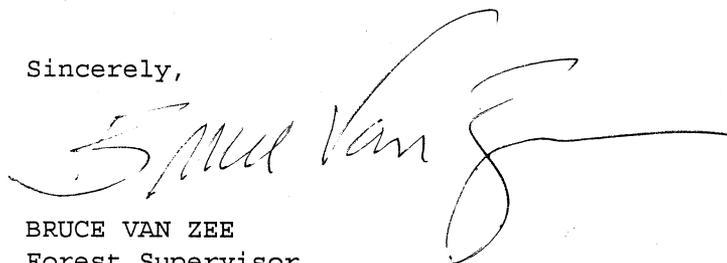
RE: Water Quality Survey Form

Dear Mr. Hubbard:

Enclosed are eighteen completed survey forms with information for your 305b report, Water Quality in Alaska. The survey forms cover sixteen waterbodies that are suspected to be affected by various pollutants.

All suspected pollutant sources were identified during the Chugach National Forest Abandoned/Inactive Mine Inventory. Additional information required, or clarification of information provided, can be obtained by contacting Carol S. Huber, at 271-2541.

Sincerely,



BRUCE VAN ZEE
Forest Supervisor

Enclosures

cc:
Bill Edwards, RO w/enclosures
D.Blanchet w/enclosures
C.Huber

940317 1200 MSW 2800 CH

RECEIVED
MAR 21 1994
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

