

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1994 STATEWIDE WATER QUALITY ASSESSMENT

NAME OF WATERBODY: Prince William Sound

Location or Lat/Long: Sleepy Bay, Prince William Sound

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

Yes /  No / Name: \_\_\_\_\_

Waterbody Type:

River/Stream

Lake

Fresh Wetland

Tidal Wetland

Estuary

Coastal Shoreline

Groundwater

Waterbody Size:

\_\_\_\_\_ Miles

\_\_\_\_\_ Acres

1/4 Acres

\_\_\_\_\_ Acres

\_\_\_\_\_ Square Miles

\_\_\_\_\_ Miles

Segment of Waterbody Addressed:

From: \_\_\_\_\_

To: \_\_\_\_\_

Other Description: Sleepy Bay intertidal

area

Size of Segment: \_\_\_\_\_

Period of Assessment, From: August 1993 To: \_\_\_\_\_

Assessment completed by: Eva Saulitis

Type of Documentation (attach if possible):

Water quality data

Documented oil spill

NOV / Enforcement action

Photos with documentation

Fish / Habitat survey

Written report

Field notes

Overflight

Observation

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:

Oil from Exxon Valdez spill. Oil is sticky, wet, pooled  
in some areas of beach - extensively found on middle section

RESPONDENT INFORMATION:

Name: Eva Saulitis Phone: 474-4584 Date: 12/5/93

Employer: North Gulf Oceanic Soc. Dept: \_\_\_\_\_ Title: Research Biologist

Address: PO Box 83715 Fairbanks, AK 99708

Education/Experience: MS. Marine Biology / 8 years field experience in Prince William Id.

**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):

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| <p><b><u>Point Sources:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Industrial</li> <li><input type="checkbox"/> Municipal</li> </ul> <p><b><u>Urban Runoff:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Storm sewers</li> <li><input type="checkbox"/> Combined sewers</li> <li><input type="checkbox"/> Surface runoff</li> </ul> <p><b><u>Agriculture:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Non-irrigated crop production</li> <li><input type="checkbox"/> Irrigated crop production</li> <li><input type="checkbox"/> Pasture land</li> <li><input type="checkbox"/> Range land</li> <li><input type="checkbox"/> Feedlots</li> <li><input type="checkbox"/> Aquaculture</li> <li><input type="checkbox"/> Animal waste/holding areas</li> <li><input type="checkbox"/> Manure lagoons</li> </ul> <p><b><u>Silviculture:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Timber harvest</li> <li><input type="checkbox"/> Stream restoration projects</li> <li><input type="checkbox"/> Road construction/maintenance</li> <li><input type="checkbox"/> Elimination of stream thermal cover</li> <li><input type="checkbox"/> Log Transfer Facilities (estuary)</li> <li><input type="checkbox"/> Log Sort Yard (land)</li> </ul> <p><b><u>Construction:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Highway/road</li> <li><input type="checkbox"/> Bridge construction/repair</li> <li><input type="checkbox"/> Land development</li> </ul> <p><b><u>Resource Exploration/extraction:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Surface mining</li> <li><input type="checkbox"/> Subsurface mining</li> <li><input type="checkbox"/> Placer mining</li> <li><input type="checkbox"/> Dredge mining</li> <li><input checked="" type="checkbox"/> Petroleum activities</li> <li><input type="checkbox"/> Mill tailings</li> <li><input type="checkbox"/> Mine tailings</li> <li><input type="checkbox"/> Gravel mining</li> <li><input type="checkbox"/> Injection wells</li> </ul> | <p><b><u>Waste Disposal:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Sludge</li> <li><input type="checkbox"/> Wastewater</li> <li><input type="checkbox"/> Landfills Industrial land treatment</li> <li><input type="checkbox"/> Onsite wastewater systems</li> <li><input type="checkbox"/> Hazardous waste</li> <li><input type="checkbox"/> Sewage disposal</li> <li><input type="checkbox"/> Septic tank leak</li> </ul> <p><b><u>Hydrologic Modification:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Stream channelization</li> <li><input type="checkbox"/> Dredging</li> <li><input type="checkbox"/> Dam construction</li> <li><input type="checkbox"/> Flow regulation/modification</li> <li><input type="checkbox"/> Bridge construction</li> <li><input type="checkbox"/> Removal of riparian vegetation</li> <li><input type="checkbox"/> Streambank modification/destabilization</li> <li><input type="checkbox"/> Draining/filling of wetlands</li> </ul> <p><b><u>Marinas:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Small boat harbors (up to 10 slips)</li> <li><input type="checkbox"/> Harbors (recreational/commercial)</li> <li><input type="checkbox"/> Loading facilities (commercial)</li> </ul> <p><b><u>Other:</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Atmospheric deposition</li> <li><input type="checkbox"/> Waste storage tank leaks</li> <li><input type="checkbox"/> Highway maintenance/runoff</li> <li><input checked="" type="checkbox"/> Petroleum/chemical spills, leaks</li> <li><input type="checkbox"/> In-place containments</li> <li><input type="checkbox"/> Natural sources</li> <li><input type="checkbox"/> Recreational activities</li> <li><input type="checkbox"/> Upstream impoundment</li> <li><input type="checkbox"/> Salt storage sites</li> <li><input type="checkbox"/> Fire damage/restoration</li> <li><input type="checkbox"/> Underground storage tanks</li> <li><input type="checkbox"/> Aboveground storage tanks</li> <li><input type="checkbox"/> Saltwater intrusion</li> <li><input type="checkbox"/> Road salting</li> <li><input type="checkbox"/> Fish, shellfish wastes</li> <li><input type="checkbox"/> UNKNOWN SOURCE</li> </ul> |
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