

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
1994 STATEWIDE WATER QUALITY ASSESSMENT

NAME OF WATERBODY: Clearwater Lake

Location or Lat/Long: approx 7 miles east of Richardson Highway.  
off of Jack Warren Road Delta Jct AK

Is the waterbody in a national or state park, monument, refuge, preserve, or similar area?:  
Triple H  
 Yes /  No / Name: \_\_\_\_\_

Waterbody Type:	Waterbody Size:	Segment of Waterbody Addressed:
<input type="checkbox"/> River/Stream	_____ Miles	From: _____
<input checked="" type="checkbox"/> Lake	<u>600</u> Acres	To: _____
<input type="checkbox"/> Fresh Wetland	_____ Acres	Other Description: <u>entire lake</u>
<input type="checkbox"/> Tidal Wetland	_____ Acres	_____
<input type="checkbox"/> Estuary	_____ Square Miles	Size of Segment: _____
<input type="checkbox"/> Coastal Shoreline	_____ Miles	_____
<input type="checkbox"/> Groundwater		

Period of Assessment, From: \_\_\_\_\_ To: Present Condition

Assessment completed by: Joanne Kuykendall

Type of Documentation (attach if possible):

<input type="checkbox"/> Water quality data	<input type="checkbox"/> Written report
<input type="checkbox"/> Documented oil spill	<input type="checkbox"/> Field notes
<input type="checkbox"/> NOV / Enforcement action	<input type="checkbox"/> Overflight
<input type="checkbox"/> Photos with documentation	<input checked="" 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:  
Several residents have expressed concern of  
rapid sedimentation + filling in of lake due  
to erosion problems along roads - drainage is  
carrying high sediment load.

RESPONDENT INFORMATION:

Name: Joanne Kuykendall Phone: 895 4241 Date: 2/23/94  
Employer: USDA-SCS Dept: \_\_\_\_\_ Title: District Conservationist  
Address: P.O. 547 Delta Jct AK 99737  
Education/Experience: 7 yrs with SCS as Soil Conservationist  
+ District Conservationist

**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):

- |  |  |
|--|--|
| <p><u>Point Sources:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Industrial</li> <li><input type="checkbox"/> Municipal</li> </ul> <p><u>Urban Runoff:</u></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><u>Agriculture:</u></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><u>Silviculture:</u></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><u>Construction:</u></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Highway/road</li> <li><input checked="" type="checkbox"/> Bridge construction/repair</li> <li><input checked="" type="checkbox"/> Land development</li> </ul> <p><u>Resource Exploration/extraction:</u></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 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><u>Waste Disposal:</u></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><u>Hydrologic Modification:</u></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 checked="" 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><u>Marinas:</u></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><u>Other:</u></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 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> |
|--|--|