

**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
1992 STATEWIDE WATER QUALITY ASSESSMENT**

NAME OF WATERBODY: Hammer Slough Creek

Location or Lat/Long: Alaska ID Number 10202-003

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

Period of Assessment, From: _____ **To:** _____

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"/> Photos without documentation | <input type="checkbox"/> Other |

Describe Source and Nature of Pollution, Documentation Provided and Other Comments:

The Hammer Slough Creek is on the Suspected Waterbodies List due to Urban Runoff and Sewage Discharge. My opinion is that this stream/estuary could be removed from the list because of the reduction in the number of direct sewage discharges. To the best my knowledge there is only one, Urban runoff is still present. Additional analysis would be recommended.

RESPONDENT INFORMATION:

Name: Bruce R. Jones **Phone:** (907) 772-3787 **Date:** March 6, 1992

Employer: City of Petersburg **Dept:** Water/Wastewater **Title:** Superintendent

Address: P.O. Box 329, Petersburg, Alaska 99833

Education/Experience: ADEC certified Water and Wastewater Treatment Operator, 12.5 years.

TYPE AND SEVERITY OF POLLUTANTS AND SOURCES: (Severity; H= High, M= Medium, S= Slight)

POLLUTANTS: This page is marked with observations only. No lab analysis data was used by respondent.

- 0 Cause unknown
- 1 Unknown toxicity
- 2 Pesticides: _____
- 3 Priority organics: _____
- 4 Nonpriority organics: _____
- 5 Metals: _____
- 6 Ammonia
- 7 Chlorine
- 8 Other inorganics
- 9 Nutrients
- 10 pH
- M 11 Siltation/sedimentation
- 12 Low dissolved oxygen
- 13 TDS/Salinity/Chlorides
- 30 Other: _____
- 14 Temperature Modifications
- 15 Flow alterations
- 16 Other habitat alterations
- 17 Pathogens
- 18 Radiation
- 19 Oil and Grease
- 20 Taste and odor
- 21 Suspended solids
- 22 Noxious aquatic plants
- 23 Filling and draining
- 24 Total toxics
- 25 Turbidity
- 26 Exotic species
- 27 Debris, foam, scum, etc.
- 28 Insufficient stream structure
- 29 Arsenic

SOURCES OF POLLUTANTS (Severity; H= High, M= Medium, S= Slight):

Point Sources:

- 1 Industrial
- 2 Municipal
- 3 Storm sewers
- 4 Combined sewers

Agriculture:

- 11 Non-irrigated crop production
- 12 Irrigated crop production
- 13 Specialty crop production
- 14 Pasture land
- 15 Range land
- 16 Feedlots
- 17 Aquaculture
- 18 Animal waste/holding areas
- 19 Manure lagoons

Silviculture:

- 21 Timber harvest
- 21 Stream restoration projects
- 22 Forest management
- 23 Road construction/maintenance
- 24 Elimination of stream thermal cover

Construction:

- 31 Highway/road
- 31 Bridge construction/repair
- 32 Land development

Resource Exploration/extraction:

- 51 Surface mining
- 52 Subsurface mining
- 53 Placer mining
- 54 Dredge mining
- 55 Petroleum activities
- 56 Mill tailings
- 57 Mine tailings
- 58 Gravel mining
- 58 Injection wells

Urban Runoff:

- M 40 Surface runoff
- 40 Storm sewers

Waste Disposal:

- 61 Sludge
- 62 Wastewater
- 63 Landfills
- 64 Industrial land treatment
- 65 Onsite wastewater systems
- 66 Hazardous waste
- S 67 Sewage disposal

Hydrologic Modification:

- 71 Stream channelization
- 72 Dredging
- 73 Dam construction
- 74 Flow regulation/modification
- 75 Bridge construction
- 76 Removal of riparian vegetation
- 77 Streambank modification
- 78 Draining/filling of wetlands

Other:

- 81 Atmospheric deposition
- 82 Waste storage tank leaks
- S 83 Highway maintenance/runoff
- 84 Petroleum/chemical spills, leaks
- 85 In-place containments
- 86 Natural sources
- 87 Recreational activities
- 88 Upstream impoundment
- 89 Salt storage sites
- 91 Fire damage/restoration
- 92 Underground storage tanks
- 93 Aboveground storage tanks
- 94 Saltwater intrusion
- 95 Road salting
- 96 Fish, shellfish wastes
- 90 UNKNOWN SOURCE