

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
1992 STATEWIDE WATER QUALITY ASSESSMENT

NAME OF WATERBODY: Captains Bay, Unalaska Island, ALASKA

Location or Lat/Long: Tip of South America on Amaknak Is

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

Yes / No / Name: Fish & Wildlife Reserve

Waterbody Type:

River/Stream

Lake

Fresh Wetland

Tidal Wetland

Estuary

Coastal Shoreline

Groundwater

Waterbody Size:

_____ Miles

_____ Acres/Hectares

_____ Acres/Hectares

_____ Acres/Hectares

5 Square Miles

X Miles

Segment of Waterbody Addressed:

From: South Channel Bight

To: Southern Tip of Island

Other Description: Beach and

Reefs

Size of Segment: 4 1/2 acres

Period of Assessment, From: 1988 To: 1992

Type of Documentation (attach if possible):

Water quality data

Documented oil spill

NOV / Enforcement action

Photos with documentation

Photos without documentation

Written report

Field notes

Overflight

Observation

Other

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

Source appears to be petroleum in the rocks and sand visible upon digging for clams as much as 6" beneath the surface. Odor is very bad. Photo shows sheen of oil on this Beach 11-15-91

This Beach appears to catch waste and pollutants that come thru the South Channel and also from area of Unisea, East Point, City Sewer outfall lines

RESPONDENT INFORMATION:

Name: Rutina Thompson Phone: 581-2238 Date: 3/25/92

Employer: _____ Dept: _____ Title: _____

Address: Box 23 Unalaska ALASKA 99685

Education/Experience: Life long Resident of South Channel and Captains Bay at Unalaska.

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

POLLUTANTS:

- 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
- 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:

- 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
- 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
- 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