2-R-SE 5/88 Sitka area Long-C

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1988 STATEWIDE WATER QUALITY ASSESSMENT

***** WATERBODY ***** Sawmill Cr

Name of Waterbody: ~~Sawmill Creek + Sitka + Unnamed~~ ~~Sitka Drainage~~

ID#: AK 190-10203-020
3041: N L M S
WQL: 0 - N
1 - PS
2 - NPS
3 - WQS
4 - Con/Enf
Stat: I T U
[ADEC Use Only]

RR

Type/Size:
- [X] River/Stream — 3 Miles
- [] Lake — ___ Acres/Hectares
- [] Fresh Wetland — ___ Acres/Hectares
- [X] Tidal Wetland — ___ Acres/Hectares
- [] Estuary — ___ Square Miles
- [X] Coastal Shoreline — ___ Miles
- [] Groundwater

LF

USGS Hydrological Unit #: 190- 10203

Location or Lat/Long: 57°03'N 135°20"W - Sitka - Pulp Mill

Is the waterbody in a natio[illegible] ent, refuge, preserve, or similar area?: [] Yes , [illegible]

LISTED "T" on 305/319 I-DU

***** ASSESSMENT *****

Assessment Date: Yr 87 , Mo [illegible] SERO
Sampling: Begin Yr 87 , Mo 7 / End Yr [illegible] Mo [illegible] By SERO/MONITORING
Reference for Data: MONITORING/SERO OFFICE FILES

Basis for Assessment:
- [X] 1 Qualitative, land use/sources
- [] 1 Qualitative, complaints/2nd hand
- [] 2 Predictive models, unverified
- [] 3 Calibrated models
- [] 4 Fixed station data, Bio or Chem
- [] 5 Effluent toxicity testing
- [X] 6 Limited site visit
- [X] 7 Intensive field assessment

Assessment Category:
- [X] Monitored (Data)
- [X] Evaluated (Judgement)

Next Planned Assessment: Yr ___ , Mo ___ / By ___

Comments: Permitted Woodwaste Leachate impacts immediate freshwater drainages.

Size-A	Size-M	Support	Partial	Not-Sup	Cause-%	Size-10	Size-No	Why?

***** USE STATUS *****

Meets Clean Water Act Goals:

- [] Fishable
- [] Not Fishable
- [] Fishable Not Attainable
- [] Swimmable
- [] Not Swimmable
- [] Swimmable Not Attainable

Impaired or Threatened Uses:

IMP	THR	FRESHWATER	IMP	THR	MARINE
[]	[]	Drinking	[]	[]	Aquaculture
[]	[]	Agriculture	[]	[]	Seafood Processing
[]	[]	Aquaculture	[]	[]	Industry
[]	[]	Industry	[]	[]	Recreation, Contact
[]	[]	Recreation, Contact	[]	[]	Recreation, Secondary
[]	[]	Recreation, Secondary	[]	[]	Fish, Shellfish, Wildlife
[X]	[X]	Fish, Shellfish, Wildlife	[]	[]	Harvest of Fish, Shellfish

Support of Designated Uses:

- [] All Uses Fully Supported, no sources present
- [] All Uses Fully Supported, sources present
- [] One or More Uses Threatened
- [] One or More Uses Partially Supported
- [X] One or More Uses Not Supported

Trophic Status:

- [] Oligatrophic
- [] Mesatrophic
- [] Eutrophic
- [] Hypereutrophic
- [] Dystrophic
- [] Unknown

Trophic Trend:

- [] Improving
- [] Stable
- [] Deteriorating

***** TOXICS *****

Monitored for Toxics: [] Yes , [] No

Type of Toxics Monitoring:

- [] 1 Organics in water column
- [] 2 Organics in sediments
- [] 3 Organics in fish tissue
- [] 4 Organics in discharges
- [] 5 Pesticides in water column
- [] 6 Pesticides in sediments
- [] 7 Pesticides in fish tissue
- [] 8 Pesticides in discharges
- [] 9 Metals in water column
- [] 10 Metals in sediments
- [] 11 Metals in fish tissue
- [] 12 Metals in discharges
- [X] 13 Other inorganics in water column
- [] 99 Other inorganics in sediments
- [] 99 Other inorganics in fish tissue
- [] 14 Other inorganics in discharges
- [] 15 Toxicity testing of water column
- [] 16 Toxicity testing of sediments
- [] 17 Toxicity testing of discharges

Pollutants: (H = High, M = Medium, S = Slight)

__ 1 Unknown toxicity
__ 2 Pesticides Type _____
__ 3 Priority organics Type _____
__ 4 Nonpriority organics Type _____
__ 5 Metals Type _____

__ 6 Ammonia	M 12 Organic enrichment	__ 18 Radiation
__ 7 Chlorine	__ 13 Salinity/TDS/Chlorine	__ 19 Oil and Grease
S 8 Other inorganics	__ 14 Thermal modifications	__ 20 Taste and Odor
__ 9 Nutrients	__ 15 Flow alteration	__ 21 Suspended solids
S 10 pH	__ 16 Habitat alteration	M 22 Noxious aquatic plants
__ 11 Siltation	__ 17 Pathogens	__ 23 Filling and draining

Sources of Pollutants: (H = High, M = Medium, S = Slight)

Point Sources
__ 1 Industrial
__ 2 Municipal
__ 3 Municipal pretreatment
__ 4 Combined sewers
__ 5 Storm sewers

Nonpoint Sources
__ 9 Unspecified

Agriculture
__ 11 Non-irrigated crop production
__ 12 Irrrigated crop production
__ 13 Specialty crop production
__ 14 Pasture land
__ 15 Range land
__ 16 Feedlots
__ 17 Aquaculture
__ 18 Animal holding areas

Silviculture
__ 21 Harvest, restoration
__ 22 Forest management
__ 23 Road construction/maintenance

Construction
__ 31 Highway/road/bridge
__ 32 Land development

Urban Runoff
__ 41 Storm sewers
__ 42 Combined sewers
__ 43 Surface runoff

Source Unknown
__ 90 Source Unknown

Resource extraction/exploration
__ 51 Surface mining
__ 52 Subsurface mining
__ 53 Placer mining
__ 54 Dredge mining
__ 55 Petroleum activities
__ 56 Mill tailings
__ 57 Mine tailings

Land Disposal (Permitted Activities)
__ 61 Sludge
__ 62 Wastewater
M 63 Landfills
__ 64 Industrial land treatment
__ 65 Onsite wastewater systems
__ 66 Hazardous waste

Hydromodification
__ 71 Channelization
__ 72 Dredging
__ 73 Dam construction
__ 74 Flow regulation/modification
__ 75 Bridge construction
__ 76 Removal of riparian vegetation
__ 77 Streambank modification

Other
__ 81 Atmospheric deposition
__ 82 Waste storage/storage tank leaks
__ 83 Highway maintenance and runoff
__ 84 Spills
__ 85 In-place contaminants
__ 86 Natural
__ 87 Recreational activities
__ 88 Upstream impoundment
__ 89 Septic tank seepage

*** FISH AND SHELLFISH CONTAMINATION ***

Fish and Shellfish Contamination:

- [] 0 None detected
- [] 1 Contaminated fish
- [] 2 Fishing advisory
- [] 3 Fishing ban
- [] 4 Fish abnormalities
- [] 5 Shellfish restrictions due to pathogens
- [] 6 Fish kill

*** POINT AND NONPOINT SOURCES ***

Point Sources:

1 NPDES Permit Number: _____
NPDES Permit Name: _____
Causes Nonattainment: [] Yes , [] No , Pollutant _____

2 NPDES Permit Number: _____
NPDES Permit Name: _____
Causes Nonattainment: [] Yes , [] No , Pollutant _____

3 NPDES Permit Number: _____
NPDES Permit Name: _____
Causes Nonattainment: [] Yes , [] No , Pollutant _____

Nonpoint Sources:

1 Nonpoint Source Name: _____
Nonpoint Source Type: _____
Nonpoint Source Description: _____
_____

2 Nonpoint Source Name: _____
Nonpoint Source Type: _____
Nonpoint Source Description: _____
_____

3 Nonpoint Source Name: _____
Nonpoint Source Type: _____
Nonpoint Source Description: _____
_____