

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1988 STATEWIDE WATER QUALITY ASSESSMENT

ADDED TO
Summary
AST 6/11/P2

*** WATERBODY ***

Page 1 of 5

Name of Waterbody: <u>Peters Creek</u>		ID#: <u>AK 190-20401 019</u>
Type/Size: <input checked="" type="checkbox"/> River/Stream	<u>20 Miles</u> <i>flows to Enik Arm</i>	GS#: <u>3041</u>
<input type="checkbox"/> Lake	<u>Acres/Hectares</u>	N <input checked="" type="radio"/> L <input type="radio"/> M <input type="radio"/> S
<input type="checkbox"/> Fresh Wetland	<u>Acres/Hectares</u>	HQW: <input type="checkbox"/> Y <input type="checkbox"/> N
<input type="checkbox"/> Tidal Wetland	<u>Acres/Hectares</u>	WQL: <input type="checkbox"/> 0 - <input type="checkbox"/> N
<input type="checkbox"/> Estuary	<u>Square Miles</u>	<input type="checkbox"/> 1 - <input type="checkbox"/> PS
<input type="checkbox"/> Coastal Shoreline	<u>Miles</u>	<input checked="" type="checkbox"/> 2 - <input type="checkbox"/> NPS
<input type="checkbox"/> Groundwater		<input type="checkbox"/> 3 - <input type="checkbox"/> WQS
		<input type="checkbox"/> 4 - <input type="checkbox"/> Con/Enf
		[ADEC Use Only]
USGS Hydrological Unit #: <u>190-20401</u>		<u>UR,</u>
Location or Lat/Long: <u>Anchorage, Ak</u>		
Is the waterbody in a national or state park, monument, refuge, preserve, or similar area?: <input type="checkbox"/> Yes, <input checked="" type="checkbox"/> No, Name _____		

Threatens
DES

*** ASSESSMENT ***

Assessment Date: Yr <u>88</u> , Mo <u>04</u> / By <u>James Cross, MOA/DHHS</u>
Sampling: Begin Yr <u>85</u> , Mo <u>06</u> / End Yr <u> </u> , Mo <u> </u> / By <u> </u>
Reference for Data: <u>MOA/DHHS</u>
Assessment Type:
<input type="checkbox"/> 1 Qualitative, land use sources
<input type="checkbox"/> 1 Qualitative, complaints/2nd hand
<input type="checkbox"/> 2 Predictive models, unverified
<input type="checkbox"/> 3 Calibrated models
<input checked="" type="checkbox"/> 4 Fixed station data, Bio or Chem
<input type="checkbox"/> 5 Effluent toxicity testing
<input type="checkbox"/> 6 Limited site visit
<input type="checkbox"/> 7 Intensive field Assessment
Assessment Category:
<input checked="" type="checkbox"/> Monitored (Data)
<input type="checkbox"/> Evaluated (Judgement)
Next Planned Assessment: Yr <u> </u> , Mo <u> </u> / By <u> </u>
Comments: _____

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

Meets Clean Water Act Goals:			
<input checked="" type="checkbox"/>	Fishable	<input checked="" type="checkbox"/>	Swimmable
<input type="checkbox"/>	Not Fishable	<input type="checkbox"/>	Not Swimmable
<input type="checkbox"/>	Fishable Not Attainable	<input type="checkbox"/>	Swimmable Not Attainable
Impaired or Threatened Uses:			
<input checked="" type="checkbox"/>	IMP	<input type="checkbox"/>	THR - FRESHWATER
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drinking
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Agriculture
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aquaculture
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Industry
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recreation, Contact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recreation, Secondary
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fish, Shellfish, Wildlife
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fish, Shellfish, Wildlife
<input type="checkbox"/>	IMP	<input type="checkbox"/>	THR - MARINE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aquaculture
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Seafood Processing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Industry
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recreation, Contact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recreation, Secondary
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fish, Shellfish, Wildlife
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Harvest of Fish, Shellfish
Support of Designated Uses:			
<input type="checkbox"/>	All Uses Fully Supported, no sources present		
<input type="checkbox"/>	All Uses Fully Supported, sources present		
<input type="checkbox"/>	One or More Uses Threatened		
<input checked="" type="checkbox"/>	One or More Uses Partially Supported		
<input type="checkbox"/>	One or More Uses Not Supported		
Trophic Status:		Trophic Trend:	
<input type="checkbox"/>	Oligatrophic	<input type="checkbox"/>	Improving
<input type="checkbox"/>	Mesatrophic	<input type="checkbox"/>	Stable
<input type="checkbox"/>	Eutrophic	<input type="checkbox"/>	Deteriorating
<input type="checkbox"/>	Hypereutrophic		
<input type="checkbox"/>	Dystrophic		
<input type="checkbox"/>	Unknown		

*** TOXICS ***

Monitored for Toxics: <input type="checkbox"/> Yes , <input checked="" type="checkbox"/> No			
Types of Toxics Monitoring:			
<input type="checkbox"/>	1 Organics in water column	<input type="checkbox"/>	10 Metals in sediments
<input type="checkbox"/>	2 Organics in sediments	<input type="checkbox"/>	11 Metals in fish tissue
<input type="checkbox"/>	3 Organics in fish tissue	<input type="checkbox"/>	12 Metals in discharges
<input type="checkbox"/>	4 Organics in discharges	<input type="checkbox"/>	13 Other inorganics in H2O col
<input type="checkbox"/>	5 Pesticides in water column	<input type="checkbox"/>	99 Other inorganics in sedimnt
<input type="checkbox"/>	6 Pesticides in sediments	<input type="checkbox"/>	99 Other inorganics in fish ts
<input type="checkbox"/>	7 Pesticides in fish tissue	<input type="checkbox"/>	14 Other inorganics in dscgs
<input type="checkbox"/>	8 Pesticides in discharges	<input type="checkbox"/>	15 Toxicity testing of water
<input type="checkbox"/>	9 Metals in water column	<input type="checkbox"/>	16 Toxicity testing of sediment
		<input type="checkbox"/>	17 Toxicity testing of dscgs

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

- __1 Unknown toxicity
- __2 Pesticides Type _____
- __3 Priority organics Type _____
- __4 Nonpriority organ Type _____
- __5 Metals Type _____
- __6 Ammonia __12 Organic enrichment __18 Radiation
- __7 Chlorine __13 Salinity/TDS/Chlor __19 Oil and Grease
- __8 Other inorganics __14 Thermal modificatn __20 Taste and Odor
- __9 Nutrients __15 Flow alteration S_21 Suspended solids
- __10 pH __16 Habitat alteration __22 Noxious aqua plants
- S_11 Siltation S_17 Pathogens __23 Filling and drain

Pollutant Categories: (H = High, M = Medium, S = Slight)

Point Sources

- __1 Industrial
- __2 Minicipal
- __3 Municipal pretreatment
- __4 Combined sewers
- __5 Storm sewers

Nonpoint Sources

- __9 Unspecified

Agriculture

- __11 Non-irrig crop production
- __12 Irrigated 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/maint

Construction

- __31 Highway/road/bridge
- S_32 Land development

Urban Runoff

- __41 Storm sewers
- __42 Combined sewers
- S_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
- __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:	
<input checked="" type="checkbox"/>	0 None detected
<input type="checkbox"/>	1 Contaminated fish
<input type="checkbox"/>	2 Fishing advisory
<input type="checkbox"/>	3 Fishing ban
<input type="checkbox"/>	4 Fish abnormalities
<input type="checkbox"/>	5 Shellfish restrictions due to pathogens
<input type="checkbox"/>	6 Fish kill

*** POINT AND NONPOINT SOURCES ***

1	NPDES Permit Number: _____
	NPDES Permit Name: _____
	Causes Nonattainment: <input type="checkbox"/> Yes, <input type="checkbox"/> No, Pollutant _____
2	NPDES Permit Number: _____
	NPDES Permit Name: _____
	Causes Nonattainment: <input type="checkbox"/> Yes, <input type="checkbox"/> No, Pollutant _____
3	NPDES Permit Number: _____
	NPDES Permit Name: _____
	Causes Nonattainment: <input type="checkbox"/> Yes, <input type="checkbox"/> No, Pollutant _____
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: _____

