

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1988 STATEWIDE WATER QUALITY ASSESSMENT

*** WATERBODY ***

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Name of Waterbody: <u>Edmonds Lake</u>		ID#:	190 <u>20401 406</u>
Type/Size:	<input type="checkbox"/> River/Stream	GS#:	
	<input checked="" type="checkbox"/> Lake	3041:	N <input checked="" type="checkbox"/> L M S
	<input type="checkbox"/> Fresh Wetland	HQW:	Y N
	<input type="checkbox"/> Tidal Wetland	WQL:	0 - N
	<input type="checkbox"/> Estuary		1 - PS
	<input type="checkbox"/> Coastal Shoreline		<input checked="" type="checkbox"/> 2 - NPS
	<input type="checkbox"/> Groundwater		<input checked="" type="checkbox"/> ITU 3 - WQS
			4 - Con/Enf
			[ADEC Use Only]
USGS Hydrological Unit #: 190- <u>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 _____			

*** ASSESSMENT ***

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

Resource extraction/exploration

- __51 Surface mining
- __52 Subsurface mining
- __53 Placer mining
- __54 Dredge mining
- __55 Petroleum activities
- __56 Mill tailings
- __57 Mine tailings

Nonpoint Sources

- __9 Unspecified

Land Disposal (Permitted Activities)

- __61 Sludge
- __62 Wastewater
- __63 Landfills
- __64 Industrial land treatment
- __65 Onsite wastewater systems
- __66 Hazardous waste

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

Hydromodification

- __71 Channelization
- __72 Dredging
- __73 Dam Construction
- __74 Flow regulation/modification
- __75 Bridge Construction
- __76 Removal of riparian vegetation
- __77 Streambank modification

Silviculture

- __21 Harvest, restoration
- __22 Forest management
- __23 Road construction/maint

Construction

- __31 Highway/road/bridge
- __32 Land development

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

Urban Runoff

- __41 Storm sewers
- __42 Combined sewers
- S_43 Surface runoff

Source Unknown

- __90 Source unknown

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 ***

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 _____

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: _____

