

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

NAME OF WATERBODY: DORA BAY

Location or Lat/Long: Prince of Wales Island.

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	<u>JUNEA BAY</u>
<input type="checkbox"/> Estuary	_____ Square Miles	Size of Segment: _____
<input checked="" 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 checked="" type="checkbox"/> NOV / Enforcement action | <input type="checkbox"/> Overflight |
| <input type="checkbox"/> Photos with documentation | <input type="checkbox"/> Observation |
| <input type="checkbox"/> Photos without documentation | <input type="checkbox"/> Other |

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

NOV issued at log transfer site. Excessive
deposition of Bark and other solid waste into
Dora Bay / Pictures taken.

RESPONDENT INFORMATION:

Name: Chris Kent **Phone:** 465-5366 **Date:** 3-24-92
Employer: ADEC **Dept:** SERO **Title:** Forest Practices Biologist
Address: 410 Willoughby Ave, Suite 105 Juneau, AK 99801
Education/Experience: _____

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: Bank / metal wire
- 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

**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
1989 NONPOINT SOURCE WATER QUALITY ASSESSMENT**

*** WATERBODY ***

Page 1 of 4

Name of Waterbody: DORA LAKE

Location or Lat/Long: 55° 10' 00" 132° 14' 30"

Waterbody Type:	Waterbody Size:	ADEC USE ONLY 304I: N L M S WQL: 0 - N 1 - PS 2 - NPS 3 - WQS 4 - Con/Ent ID#: _____
<input type="checkbox"/> River/Stream	_____ Miles	
<input checked="" type="checkbox"/> Lake	<u>640</u> Acres/Hectares	
<input type="checkbox"/> Fresh Wetland	_____ Acres/Hectares	
<input type="checkbox"/> Tidal Wetland	_____ Acres/Hectares	
<input type="checkbox"/> Estuary	_____ Square Miles	
<input type="checkbox"/> Coastal Shoreline	_____ Square Miles	
<input type="checkbox"/> Groundwater	_____ Square Miles	

Segment of Waterbody Addressed:
 From: _____
 To: _____
 Other Description: Area immediately below road cut
 Size of Segment: ~one acre directly affected

USGS Hydrologic Unit #: AK 190 _____

*** ASSESSMENT ***

Describe Source of Pollution and Documentation Provided:
Landslide occurred from road cut above lake
DNR NOV issued 5-29-89

Type of Documentation <input type="checkbox"/> Water quality data <input type="checkbox"/> Documented oil <input checked="" type="checkbox"/> Enforcement act <input type="checkbox"/> Photos with doc <input type="checkbox"/> Photos without doc	<p><u>INACTIVE</u></p> <p><u>PAST NOV</u></p> <p><u>ONE-TIME ONLY EVENT</u></p> <p><u>NOT ENTERED INTO ADB</u></p>	Assessment type: <input type="checkbox"/> Monitored <input checked="" type="checkbox"/> Evaluated
Violation of Water Quality <input type="checkbox"/> Past Violation <input checked="" type="checkbox"/> Current Violation <input type="checkbox"/> Current Violation <input type="checkbox"/> Future Violation		Waterbody Status: <input type="checkbox"/> Impaired - Past <input checked="" type="checkbox"/> Impaired - Current <input type="checkbox"/> Suspected <input type="checkbox"/> Unimpaired

Comments: _____

Author of This Assessment: D. Studevant Affiliation: ADEC Date: 8/07
 YY/MM

Meets Clean Water Act Goals:	
<input type="checkbox"/> Fishable	<input 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 Uses:	
<u>FRESHWATER</u>	<u>MARINE</u>
<input type="checkbox"/> Drinking	<input type="checkbox"/> Aquaculture
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Seafood Processing
<input type="checkbox"/> Aquaculture	<input type="checkbox"/> Industry
<input type="checkbox"/> Industry	<input type="checkbox"/> Recreation, Contact
<input type="checkbox"/> Recreation, Contact	<input type="checkbox"/> Recreation, Secondary
<input type="checkbox"/> Recreation, Secondary	<input type="checkbox"/> Fish, Shellfish, Wildlife
<input type="checkbox"/> Fish, Shellfish, Wildlife	<input type="checkbox"/> Harvest of Fish, Shellfish
Support of Designated Uses:	
<input type="checkbox"/> One or More Uses Not Supported (Impaired)	
<input type="checkbox"/> One or More Uses Partially Supported (Partially Impaired)	
<input type="checkbox"/> One or More Uses Suspected to Be Affected (Suspected)	
<input type="checkbox"/> One or More Uses Projected to Become Affected (Projected)	
<input type="checkbox"/> All Uses Fully Supported, sources present (Unimpaired)	
<input type="checkbox"/> All Uses Fully Supported, no sources present (Unimpaired)	
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 type="checkbox"/> No	
Type 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 water column
<input type="checkbox"/> 5 Pesticides in water column	<input type="checkbox"/> 99 Other inorganics in sediments
<input type="checkbox"/> 6 Pesticides in sediments	<input type="checkbox"/> 99 Other inorganics in fish tissue
<input type="checkbox"/> 7 Pesticides in fish tissue	<input type="checkbox"/> 14 Other inorganics in discharges
<input type="checkbox"/> 8 Pesticides in discharges	<input type="checkbox"/> 15 Toxicity testing of water column
<input type="checkbox"/> 9 Metals in water column	<input type="checkbox"/> 16 Toxicity testing of sediments
	<input type="checkbox"/> 17 Toxicity testing of discharges
Fish and Shellfish Contamination:	
<input 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	

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

- | | | |
|--|---|---|
| <input type="checkbox"/> 0 Cause Unknown | | |
| <input type="checkbox"/> 1 Unknown toxicity | | |
| <input type="checkbox"/> 2 Pesticides | Type _____ | |
| <input type="checkbox"/> 3 Priority organics | Type _____ | |
| <input type="checkbox"/> 4 Nonpriority organics | Type _____ | |
| <input type="checkbox"/> 5 Metals | Type _____ | |
| <input type="checkbox"/> 6 Ammonia | <input type="checkbox"/> 12 Organic enrichment | <input type="checkbox"/> 18 Radiation |
| <input type="checkbox"/> 7 Chlorine | <input type="checkbox"/> 13 Salinity/TDS/Chlorides | <input type="checkbox"/> 19 Oil and Grease |
| <input type="checkbox"/> 8 Other inorganics | <input type="checkbox"/> 14 Thermal modifications | <input type="checkbox"/> 20 Taste and Odor |
| <input type="checkbox"/> 9 Nutrients | <input type="checkbox"/> 15 Flow alteration | <input type="checkbox"/> 21 Suspended solids |
| <input type="checkbox"/> 10 pH | <input checked="" type="checkbox"/> 16 Habitat alteration | <input type="checkbox"/> 22 Noxious aquatic plants |
| <input checked="" type="checkbox"/> 11 Siltation | <input type="checkbox"/> 17 Pathogens | <input checked="" type="checkbox"/> 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
- 6 Other dischargers

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
- 67 Septage disposal

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 holding areas
- 19 Manure lagoons

Hydrologic Modification

- 71 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

Silviculture

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

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 Salt storage sites
- 99 Septic tank seepage

Urban Runoff

- 41 Storm sewers
- 42 Combined sewers
- 43 Surface runoff

Source Unknown

- 90 Source Unknown

DESCRIBE POLLUTANTS AND POLLUTANT SOURCES. THE BASIS FOR THE DETERMINATION THAT A WATERBODY IS IMPAIRED MUST BE EXPLAINED IN THIS SECTION. DESCRIBE THE NATURE OF THE VIOLATION OF WATER QUALITY STANDARDS, INCLUDING DATA OR OTHER DOCUMENTATION IN RELATION TO STANDARDS. ALSO DESCRIBE WHETHER THE VIOLATION IS CONSIDERED PAST OR CURRENT, AND OTHER RELEVANT INFORMATION.

Landslide occurred while Blasting for road crossing
rock debris and Logs Fell into Lake.
See Attached to Short Form

Point Sources:

NPDES Permit Number: _____
NPDES Permit Name: _____
Causes Nonattainment: Yes No
Pollutant: _____

NPDES Permit Number: _____
NPDES Permit Name: _____
Causes Nonattainment: Yes No
Pollutant: _____

Nonpoint Sources:

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

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