

ALASKA'S IMPAIRED WATERS – 2010

As of September 2010

Impaired Waterbody Categories:

Category 4a – Impaired water with a final/approved TMDL

Category 4b – Impaired water with other pollution controls

Category 5 – Impaired water, Section 303(d) list, require TMDL

Within the tables waters are listed by region - -Interior, Southcentral, Southeast – and alphabetically.

Category 4a Waterbodies								
<u>Alaska's 2010</u>								
Category 4a Waterbodies – Impaired but not needing a TMDL, TMDL has been completed								
<u>Region</u>	<u>Category</u>	<u>Alaska ID #</u>	<u>Waterbody</u>	<u>Location</u>	<u>Area of Concern</u>	<u>Water Quality Standard</u>	<u>Pollutant Parameters</u>	<u>Pollutant Sources</u>
IN	Category 4a	40402-001	Birch Creek Drainage:- Upper Birch Creek; Eagle Creek; Golddust Creek	North of Fairbanks	N/A	Turbidity	Turbidity	Placer Mining
IN	Category 4a	40506-009	Garrison Slough	Eielson Air Force Base	N/A	Toxic & Other Deleterious Organic and Inorganic Substances	Polychlorinated biphenyls (PCBs)	Military Base/ Operations
IN	Category 4a	40506-003	Noyes Slough	Fairbanks	7 miles	Residues	Debris	Urban Runoff
SC	Category 4a	30102-604	Akutan Harbor	Akutan Island	N/A	Residues Dissolved Gas	Settleable Solids Low Dissolved Oxygen	Seafood Processing/ Waste
SC	Category 4a	20401-004	Campbell Creek	Anchorage	10 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	20401-402	Campbell Lake	Anchorage	125 acres	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff

SC	Category 4a	20401-003	Chester Creek	Anchorage	4.1 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff, Industrial
SC	Category 4a	20402-002	Eagle River	Eagle River	N/A	Toxic & Other Deleterious Organic and Inorganic Substances	Ammonia, Chlorine, Copper, Lead, Silver	Wastewater Treatment Facility
SC	Category 4a	20401-005	Fish Creek	Anchorage	6.4 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	20401-006	Furrow Creek	Anchorage	5.3 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	30101-501	King Cove	King Cove	N/A	Residues	Seafood Waste Residue	Seafood Processing/ Waste
SC	Category 4a	20505-409	Lake Lucille	Wasilla	N/A	Dissolved Gas	Low Dissolved Oxygen	Urban Runoff
SC	Category 4a	20401-017	Little Campbell Creek	Anchorage	8.3 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	20401-024	Little Rabbit Creek	Anchorage	6.2 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	20401-018	Little Survival Creek	Anchorage	3.0 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	20401-020	Ship Creek Glenn Hwy. Bridge. Down to Mouth	Anchorage	Glenn Hwy. Bridge. to Mouth	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SC	Category 4a	30102-603	South Unalaska Bay	Unalaska Island	N/A	Residues, Low Dissolved Oxygen (BOD5)	Seafood Waste Residues, Dissolved Gas	Seafood Processing Waste
SC	Category 4a	30102-607	Udagak Bay	Unalaska Island	N/A	Residues	Settleable solids	Seafood Processing Waste
SC	Category 4a	20401-419	University Lake	Anchorage	10 acres	Fecal Coliform	Fecal Coliform Bacteria	Urban Runoff

						Bacteria		
SC	Category 4a	20401-421	Westchester Lagoon	Anchorage	30 acres	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff
SE	Category 4a	10301-005	Duck Creek	Juneau	N/A	Dissolved Gas, Residues, Toxic & Other Deleterious Organic and Inorganic Substances, Fecal Coliform Bacteria Turbidity	Low Dissolved Oxygen, Debris, Iron, Fecal Coliform Bacteria, and Turbidity	Urban Runoff, Landfill, Road Runoff, Land Development
SE	Category 4a	10203-005	Granite Creek	Sitka	N/A	Turbidity Sediment	Turbidity, Sediment	Gravel Mining
SE	Category 4a	10203-601-001	Herring Cove of Silver Bay	Sitka	102 acres	Residues	Bark & Woody Debris	Log Storage from former Pulp Mill Operations
SE	Category 4a	10301-004	Jordan Creek	Juneau	3 miles from tide-water upstream	Dissolved Gas, Residues, Sediment	Debris, Sediment Low Dissolved Oxygen	Land Development, Road Runoff
SE	Category 4a	10203-602	Klag Bay	West Chichagof Island	1.25 acres	Toxic & Other Deleterious Organic and Inorganic Substances	Metals – Arsenic, Cobalt, Copper, Lead, Manganese, Mercury, Silver, Zinc	Mining

SE	Category 4a	10301-001	Lemon Creek	Juneau	N/A	Turbidity Sediment	Turbidity, Sediment	Urban Runoff, Gravel Mining
SE	Category 4a	10301-014	Pederson Hill Creek	Juneau	Lower two miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Septic Tanks
SE	Category 4a	10303-004	Pullen Creek (Lower Mile)	Skagway	Lower mile of Pullen Creek	Toxic & Other Deleterious Organic and Inorganic Substances	Metals – Cadmium, Copper, Lead, Zinc	Industrial
SE	Category 4a	10203-601	Silver Bay	Sitka	6.5 acres	Residues Toxic & Other Deleterious Organic and Inorganic Substances	Pulp Residues, Logs, Bark & Woody Debris, Sediment Toxicity due to Wood Decomposition By-products	Industrial, Historical Pulp Mill Activity
SE	Category 4a	10103-602	Thorne Bay	Prince of Wales Island	7.5 acres	Residues	Bark & Wood Debris	Historical Log Transfer Facility
SE	Category 4a	10301-017	Vanderbilt Creek	Juneau	N/A	Turbidity Residues Sediment	Turbidity, Debris, Sediment	Urban Runoff
SE	Category 4a	10102-601	Ward Cove	Ketchikan	250 acres	Residues Dissolved Gas	Pulp Residues, Logs, Bark & Woody Debris, Low Dissolved Oxygen	Industrial

Category 4b Waterbodies

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Category 4b Waterbodies – Impaired, not needing a TMDL, and under “other pollution controls” and expected to meet standards in a reasonable time period

<i>Region</i>	<i>Category</i>	<i>Alaska ID #</i>	<i>Waterbody</i>	<i>Location</i>	<i>Area of Concern</i>	<i>Water Quality Standard</i>	<i>Pollutant Parameters</i>	<i>Pollutant Sources</i>
IN	Category 4b	40501-001	Cabin Creek	Nabesna	1.5 miles	Toxic & Other Deleterious Organic and Inorganic Substances	Manganese, Arsenic, Iron, Copper & Cadmium	Mine Tailings
SC	Category 4b	N/A	Exxon Valdez Beaches	Prince William Sound - Alaska	23 beaches	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products	Oil Spill

				Peninsula				
SE	Category 4b	10203-808	East Port Frederick	NE Chichagof Island	0.4 acres	Residues	Bark & Woody Debris	Log Transfer Facility
SE	Category 4b	10103-031	Fubar Creek	Prince of Wales Island	N/A	Sediment	Sediment	Timber Harvesting

Category 5/Section 303(d) Listed Waterbodies

Alaska's 2010

Category 5 Waterbodies – Impaired by pollutant(s) for one or more designated uses and requiring a TMDL; Clean Water Act Section 303(d) Listed Waters

<u>Re g ion</u>	<u>Category</u>	<u>Alaska ID #</u>	<u>Waterbody</u>	<u>Location</u>	<u>Area of Concern</u>	<u>Water Quality Standard</u>	<u>Pollutant Parameters</u>	<u>Pollutant Sources</u>
IN	Category 5 Section 303(d) listed	40506-007	Chena River	Fairbanks	15 miles	Sediment	Sediment	Urban Runoff
IN	Category 5 Section 303(d) listed	40506-002	Chena Slough	Fairbanks	13 miles	Sediment	Sediment	Urban Runoff
IN	Category 5 Section 303(d) listed	40402-010	Crooked Creek Bonanza Crooked Deadwood Ketchem Mammoth Mastodon Porcupine	North of Fairbanks	77 miles	Turbidity	Turbidity	Placer Mining
IN	Category 5 Section 303(d) listed	40509-001	Goldstream Creek	Fairbanks	70 miles	Turbidity	Turbidity	Placer Mining
IN	Category 5 Section 303(d) listed	30501-002	Kuskokwim River	Red Devil	1,000 feet, 900 feet down river and 100 feet upriver from mouth of Red	Toxic & Other Deleterious Organic and Inorganic Substances	Metals - Antimony, Arsenic, Mercury	Mining

					Devil Creek			
IN	Category 5 Section 303(d) listed	40506-003	Noyes Slough	Fairbanks	7 miles	Sediment, Petroleum Hydrocarbons, Oil & Grease	Sediment, Petroleum Products,	Urban Runoff
IN	Category 5 Section 303(d) listed	30501-002	Red Devil Creek	Red Devil	0.5 mile of creek	Toxic & Other Deleterious Organic and Inorganic Substances	Metals - Antimony, Arsenic, Mercury	Inactive Mine
IN	Category 5 Section 303(d) listed	40510-101	Slate Creek	Denali National Park	2.5 miles	Turbidity	Turbidity	Mining
SC	Category 5 Section 303(d) listed	20505-401	Big Lake	Wasilla	1,250 acres	Petroleum Hydrocarbons	Total Aromatic Hydrocarbons (TAH)	Motorized watercraft

SC	Category 5 Section 303(d) listed	30101-503	Cold Bay	King Cove, Alaska Peninsula	0.01 acre	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products	Military, Fuel Storage
SC	Category 5 Section 303(d) listed	20505-001	Cottonwood Creek	Wasilla	7 miles	Fecal Coliform Bacteria	Fecal Coliform Bacteria	Urban Runoff, Urban Development
SC	Category 5 Section 303(d) listed	30102-606	Dutch Harbor	Unalaska Island	0.5 acre	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products	Industrial, Urban Runoff
SC	Category 5 Section 303(d) listed	30203-001	Egegik River	Egegik	0.25 mile	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products	Spills, Fuel Tanks, Underground Fuel Tanks
SC	Category 5 Section 303(d) listed	20201-401	Eyak Lake	Cordova	50 feet of shore-line	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products, Petroleum Contamination, Sheen	Above Ground Storage Tanks, Spills
SC	Category 5 Section 303(d) listed	20401-412	Hood/Spenard Lake	Anchorage	307 acres	Dissolved Gas	Low Dissolved Oxygen	Urban Runoff, Industrial
SC	Category 5 Section 303(d) listed	30102-602	Iliuliuk Harbor	Dutch Harbor	1.4 acres	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products	Urban Runoff
SC	Category 5 Section 303(d) listed	20402-001	Matanuska River	Palmer	½ mile	Residues	Debris	Landfill
SC	Category 5 Section 303(d) listed	30101-502	Popof Strait	East Aleutians Borough	5 miles	Residues	Seafood Waste Residue	Seafood Processor
SC	Category 5 Section 303(d) listed	30102-409	Red Lake Anton Road Ponds	Kodiak	2.0 acres	Toxic & Other Deleterious Organic and Inorganic Substances	Metals – Iron, Manganese	Urban Runoff

SC	Category 5 Section 303(d) listed	20401-020	Ship Creek Glenn Hwy. Bridge. Down to Mouth	Anchorage	11 miles, Glenn Hwy. Bridge. Down to Mouth	Petroleum Hydrocarbons, Oil & Grease	Petroleum Products	Urban Runoff
SE	Category 5 Section 303(d) listed	10203-002	Katlian River	N. of Sitka, Baranof Island	4.5 miles	Sediment, Turbidity	Sediment, Turbidity	Timber Harvest
SE	Category 5 Section 303(d) listed	10103-504	Salt Chuck Bay	Kasaan Area, Prince of Wales Island	0.03 square miles	Toxic & Other Deleterious Organic and Inorganic Substances	Metals -- Copper	
SE	Category 5 Section 303(d) listed	10303-601	Skagway Harbor	Skagway	1.0 acre	Toxic & Other Deleterious Organic and Inorganic Substances	Metals – Cadmium, Copper, Lead, Mercury, Zinc	Industrial

SE	Category 5 Section 303(d) listed	10103-010	Unnamed Creek, Sweetwater Lake, USFS 3030 Road, ADF&G Stream 3027 (Stream 3)	Prince of Wales Island	0.4 mile	Toxic & Other Deleterious Organic and Inorganic Substances	Metals - Aluminum, Cadmium, Copper, Iron	Road Construction
SE	Category 5 Section 303(d) listed	10103-012	Unnamed Creek, Sweetwater Lake, USFS 3030 Road, ADF&G Stream 3021 (Stream 6)	Prince of Wales Island	1.14 mile	Toxic & Other Deleterious Organic and Inorganic Substances, Dissolved Inorganic Substances	Metals – Aluminum, Cadmium, Copper, Iron, Manganese, Sulfate	Road Construction
SE	Category 5 Section 303(d) listed	10103-013	Unnamed Creek, Sweetwater Lake, USFS 3030 Road, ADF&G Stream 3019 tributary (Stream 7)	Prince of Wales Island	0.3 mile	Toxic & Other Deleterious Organic and Inorganic Substances	Metals - Aluminum, Cadmium, Copper, Iron, Manganese	Road Construction
SE	Category 5 Section 303(d) listed	10103-014	Unnamed Creek, Sweetwater Lake, USFS 3030 Road, ADF&G Stream 3019 (Stream 8)	Prince of Wales Island	0.3 mile	Toxic & Other Deleterious Organic and Inorganic Substances	Metals - Cadmium, Copper, Iron, Manganese, Nickel, Zinc	Road Construction
SE	Category 5 Section 303(d) listed	10103-015	Unnamed Creek, Sweetwater Lake, USFS 3030 Road, ADF&G Stream 3017 (Stream 9)	Prince of Wales Island	0.8 mile	Toxic & Other Deleterious Organic and Inorganic Substances, Dissolved Inorganic Substances	Metals – Aluminum, Cadmium, Copper, Iron, Manganese, Nickel, Zinc, Sulfate	Road Construction