

Alaska Department of Environmental Conservation



## **Final 2024 Integrated Report**

# **Fact Sheet**

Division of Water  
Water Quality Program

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## Final 2024 Integrated Report Fact Sheet

### *What is the Integrated Report?*

Every two years DEC reviews readily available water quality data to determine if waterbodies are meeting water quality standards. This is known as the Integrated Report, and it categorizes waterbody sections (assessment units) in Alaska to determine if they are meeting Alaska's water quality standards. This is also known as the Section 305(b) report and Section 303(d) list of impaired waters. The Integrated Report helps the State prioritize waterbodies for data gathering, watershed protection, and restoration of impaired waters.

Since 2019 the report has been submitted electronically as a list of waterbody assessment units and their various categories. Additional information on individual waterbody assessment units in the Integrated Report is available by contacting DEC, or from the EPA How's My Waterway website <https://mywaterway.epa.gov/state/ak/water-quality-overview>.

### *What are the Integrated Report categories?*

There are five categories to which a waterbody assessment unit can be assigned:

<b>Categories 1 and 2</b>	Waterbodies for which there is enough information to determine that water quality standards are attained for all or some of their designated uses.
<b>Category 3</b>	Waterbodies for which there is not enough information to determine their status.
<b>Category 4</b>	Waterbodies that are impaired but have one of several different types of waterbody recovery plans.
<b>Category 5</b>	Waterbodies that are impaired and do not yet have waterbody recovery plans. Also known as 303(d) list impaired waters.

Impairment means that a waterbody assessment unit is polluted, which is defined as persistently exceeding state water quality standards (18 AAC 70). This is usually determined after two or more years of water quality monitoring. DEC makes impairment decisions using publicly available listing methodologies. EPA has approval authority over waterbody assessment units moving into and out of Category 5, also known as the Section 303(d) list of impaired waters. Waterbody assessment units in Category 4 are also impaired but have an EPA-approved waterbody recovery plan.

For all waterbody assessment units, categories are assigned to both individual parameters and to entire waterbody assessment units. When a waterbody assessment unit has parameters in both Categories 4 and 5, overall it will be placed in Category 5. Waterbody assessment units in Category 5 are prioritized for further data collection, restoration and watershed planning efforts that protect water quality. Waterbody assessment units in Category 4 already have an established Total Maximum Daily Load or alternative waterbody recovery plan.

### *What changes are being proposed in the 2024 Integrated Report?*

Appendices A and B show waterbody assessment units from which data and/or other information was evaluated in the 2024 Integrated Report. DEC requires a minimum level of data quality and quantity to conduct analysis. Data minimums are specified in the parameter specific listing methodology or Consolidated Assessment Listing Methodology. While all waterbody assessment units with any amount of data provided are included in the Integrated Report, only those meeting data minimums undergo full analysis.

Waterbody assessment units stay in the same category from one Integrated Report to the next unless there is new data that indicates a change. Waterbody assessment units where data minimums are not met are automatically be placed in Category 3.

- Appendix A shows waterbody assessment units which were evaluated for the 2024 Integrated Report and either have a proposed category change or are a new inclusion in the Integrated Report. Changes proposed for the 2024 Integrated Report include the following:
  - Impairments: Two waterbody assessment units are proposed for placement as impaired in Category 5 for *Escherichia coli* (Little Campbell Creek and Chester Creek). These two waterbody assessment units have been listed as impaired in Category 4a for fecal coliform, Little Campbell Creek since 2004 and Chester Creek since 2005.
  - Attainments: Two waterbody assessment unit are proposed to move from impaired to attaining in Category 2 for:
    - Birch Creek - turbidity
    - Little Survival Creek - fecal coliform
    - 52 waterbody assessment units are proposed for placement as attaining in Category 2, either from Category 3 or previously not included in the Integrated Report.
  - Move from Category 5 to Category 4b: Red Devil Creek and the Kuskokwim River (Red Devil) are proposed for placement in Category 4b due to the development of an alternative recovery plan.
  - 40 new waterbody assessment units are proposed for placement in Category 3. DEC received new data or information, but it was not enough to determine their status.
- Appendix B shows waterbody assessment units evaluated for the 2024 Integrated Report where no changes are proposed.
- Appendix C shows the current list of impaired waterbody assessment units as of the 2022 Integrated Report. **It does not include changes which will be reflected in the 2024 Integrated Report.**

### *Where can I find more information online on the health of Alaska's waterbodies?*

- Integrated Reports from previous years and listing methodologies can be found here: <https://dec.alaska.gov/water/water-quality/integrated-report/>
- Summary data on Alaska's waterbodies in the approved Integrated Report from previous years can be found in EPA's How's my Waterway here: <https://mywaterway.epa.gov/state/AK/water-quality-overview>.

## Appendix A

### Changes for the 2024 Integrated Report

#### Category 5

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2022 IR)	Proposed Category (2024 IR)
Chester Creek (AK_R_2040108_003)	<i>Escherichia coli</i>	3	5
Little Campbell Creek (AK_R_2040106_004)	<i>Escherichia coli</i>	3	5

#### Category 4

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2022 IR)	Proposed Category (2024 IR)
Kuskokwim River (Red Devil) (AK_R_3050101_006_008)	Antimony, Arsenic, Mercury	5	4b
Red Devil Creek (AK_R_3050101_009)	Antimony, Arsenic, Mercury	5	4b

#### Category 3

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2022 IR)	Proposed Category (2024 IR)
Admiralty Island-Frontal Lynn Canal (AK_M_1030107_000)	Copper, Dissolved Oxygen, Enterococcus, Fecal Coliform, Nickel, pH, Zinc	None	3
Afognak River-Frontal Marmot Bay (AK_M_2070114_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	None	3
Alsek River (AK_R_1040422_001)	Sediment, Turbidity	None	3
Anchorage Coast Area North (AK_M_2040108_007)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Blackstone Bay-Frontal Port Wells (AK_M_2020120_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Bostwick Inlet-Frontal Nichols Passage (AK_M_1010207_000)	Copper, Dissolved Oxygen, Enterococcus, Fecal Coliform, Nickel, pH, Zinc	None	3
Buskin River-Chiniak Bay (AK_M_2070115_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3

Campbell Creek (AK_R_2040106_001)	Antimony, Arsenic, Barium, Beryllium, Cobalt, Iron, Manganese, Molybdenum, Nickel, Silver, Thallium, Turbidity, Vanadium, Mercury	None	3
Carlanna Creek-Frontal Tongass Narrows (AK_M_1010204_000)	Dissolved Oxygen	None	3
Chena River (AK_R_8030606_001)	1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Benzene, Chlorobenzene (Mono), Ethylbenzene, Iron, Mercury, Toluene	None	3
Chena River (AK_R_8030609_003)	1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Benzene, Chlorobenzene (Mono), Ethylbenzene, Mercury, Toluene	None	3
Chester Creek (AK_R_2040108_003)	Antimony, Arsenic, Barium, Beryllium, Cobalt, Iron, Manganese, Molybdenum, Nickel, Silver, Thallium, Turbidity, Vanadium, Mercury	None	3
Chilkoot Inlet-Frontal Lynn Canal (AK_M_1030308_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Dutch Harbor (AK_M_3010208_005)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Dutch Harbor (entire harbor) (AK_M_3010208_023)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Eastern Channel (AK_M_1021211_000)	Copper, Dissolved Oxygen, Enterococcus, Fecal Coliform, Nickel, pH, Zinc	None	3
Egegik River (AK_R_3020311_001_002)	Ammonia, Arsenic, Barium, Cadmium, Chloride, Copper, Iron, Lead, Manganese, Nickel, Selenium, Silver, Sulfate, Total Dissolved Solids, Zinc	None	3
Ernest Sound (AK_M_1050005_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	None	3
Holkham Bay-Frontal Stephens Passage (AK_M_1020612_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Hoonah Marine Assessment Unit (AK_M_1021109_013)	Copper, Dissolved Oxygen, Nickel, Zinc	None	3
Iliuliuk Bay (AK_M_3010208_008)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Iliuliuk Harbor (main) (AK_M_3010208_024)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Inside Passage (AK_M_1010210_003)	Copper, Nickel	None	3
Jordan Creek (AK_R_1030106_014)	Alkalinity, Antimony, Arsenic, Barium, Benzene, Beryllium, Cadmium, Chromium, Cobalt, Copper, Ethylbenzene, Lead, Manganese, Mercury, Molybdenum, Selenium, Silver, Sulfate, Thallium, Toluene, Vanadium	None	3

Kelp Bay (AK_M_1021201_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Kenai Lake (AK_L_2030212_001)	Cadmium, Copper, Dissolved Oxygen, Lead, pH, Selenium, Total Dissolved Solids, Turbidity, Zinc	None	3
Kenai River (AK_R_2030214_007)	Turbidity	None	3
Kenai River (AK_R_2030218_002_002)	Turbidity	None	3
Koyukuk River (AK_R_9010501_004)	Arsenic, Barium, Cadmium, Copper, Iron, Manganese, Nickel, pH, Selenium, Silver, Sulfate, Total Dissolved Solids	None	3
Limestone Inlet-Frontal Stephens Passage (AK_M_1020608_000)	Copper, Dissolved Oxygen, Enterococcus, Fecal Coliform, Nickel, pH, Zinc	None	3
Little Campbell Creek (AK_R_2040106_004)	Mercury	None	3
Little Susitna River (AK_R_2050512_016_003)	pH	None	3
Little Susitna River (AK_R_2050512_016_005)	Mercury	None	3
Little Susitna River (AK_R_2050512_016_009)	Mercury	None	3
Nome Harbor (AK_M_5010420_003)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
North Kenai Beach (AK_B_2030218_002)	pH	None	3
Peril Strait (AK_M_1050011_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Petersburg Creek-Frontal Wrangell Narrows (AK_M_1021010_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Piledriver Slough (AK_R_8030710_005)	pH	None	3
Port Fredrick-Frontal Icy Strait (AK_M_1021109_000)	Copper, Dissolved Oxygen, Enterococcus, Fecal Coliform, Nickel, pH, Zinc	None	3
Prince William Sound (AK_M_2020306_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Resurrection Bay-Frontal Gulf of Alaska (AK_M_2020206_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	None	3
Safety Sound-Frontal Norton Sound (AK_M_5010420_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	None	3
Salmon River (Hyder) (AK_R_1010601_009)	Sediment, Turbidity	None	3

Seward Harbor (AK_M_2020205_004)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Ship Creek (AK_R_2040104_002_002)	Mercury	None	3
Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Mercury	None	3
Shoemaker Bay - Wrangell South (AK_M_1020902_005)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Sitka Coastal Area East (AK_M_1021211_021)	Copper, Dissolved Oxygen, Enterococcus, Fecal Coliform, Nickel, pH, Zinc	None	3
Slikok Creek (AK_R_2030218_006)	Cadmium, Copper, Dissolved Oxygen, Lead, pH, Selenium, Total Dissolved Solids, Turbidity, Zinc	None	3
Soldotna Creek (AK_R_2030218_007)	Cadmium, Antimony, Arsenic, Barium, Beryllium, Cobalt, Iron, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium	None	3
South Kenai Beach (AK_B_2030218_003)	pH	None	3
Stariski Creek-Frontal Cook Inlet (AK_M_2030108_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Stikine River (AK_R_1020709_011)	Sediment, Turbidity	None	3
Taku Inlet-Frontal Stephens Passage (AK_M_1030409_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	None	3
Taku River (AK_R_1030407_006)	Mercury	2	3
Taku River (AK_R_1030407_006)	Sediment, Turbidity	None	3
Tebenkof Bay-Frontal Chatham Strait (AK_M_1021008_000)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Tongass Narrows combined (AK_M_1010204_011)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Unuk River (AK_R_1010504_005)	Mercury	2	3
Unuk River (AK_R_1010504_005)	Sediment	None	3
Utqiagvik Coastal Area (AK_M_6020202_001)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	None	3
Wasilla Creek (AK_R_2040108_022)	Antimony, Arsenic, Barium, Beryllium, Cobalt, <i>Escherichia coli</i> , Fecal Coliform, Iron, Manganese, Molybdenum, Nickel, Silver, Thallium, Vanadium, Mercury	None	3

## Category 2

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2022 IR)	Proposed Category (2024 IR)
Alsek River (AK_R_1040422_001)	Aluminum, Barium, Beryllium, Chloride, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nitrate, Nitrite, Silver, Total Dissolved Solids, Zinc	3	2
Alsek River (AK_R_1040422_001)	Antimony, Dissolved Oxygen, Fluoride, Sulfate, Thallium, Uranium, Vanadium	None	2
Anchorage Coast Area North (AK_M_2040108_007)	Enterococcus, Fecal Coliform	None	2
Auke Bay (AK_M_1030107_002)	Enterococcus, Fecal Coliform	3	2
Ikhèenjìk River (Birch Creek) (AK_R_8040102_012_002)	Turbidity	4a	2
Birch Lake (AK_L_8030709_001)	<i>Escherichia coli</i> , Fecal Coliform, pH	3	2
Blackstone Bay-Frontal Port Wells (AK_M_2020120_000)	Enterococcus, Fecal Coliform	None	2
Buskin River-Chiniak Bay (AK_M_2070115_000)	Enterococcus, Fecal Coliform	None	2
Campbell Creek (AK_R_2040106_001)	Cadmium, Copper, Dissolved Oxygen, <i>Escherichia coli</i> , Lead, pH, Selenium, Zinc	None	2
Carlanna Creek-Frontal Tongass Narrows (AK_M_1010204_000)	Enterococcus, Fecal Coliform, Zinc, Copper, Nickel, pH	None	2
Chatham Strait (AK_M_1050007_001)	Copper, Nickel, Zinc	3	2
Chena Lake (AK_L_8030609_003)	Dissolved Oxygen, pH	3	2
Chena River (AK_R_8030606_001)	Dissolved Oxygen, <i>Escherichia coli</i> , pH,	3	2
Chena River (AK_R_8030606_001)	Cadmium, Copper, Lead, Selenium, Zinc	None	2
Chena River (AK_R_8030609_003)	Dissolved Oxygen, <i>Escherichia coli</i>	3	2
Chena River (AK_R_8030609_003)	Cadmium, Copper, Lead, Selenium, Zinc	None	2
Chena Slough (lower) (AK_R_8030609_004_001)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Chester Creek (AK_R_2040108_003)	Dissolved Oxygen, pH	3	2
Chester Creek (AK_R_2040108_003)	Cadmium, Copper, Lead, Selenium, Zinc	None	2
Chilkoot Inlet-Frontal Lynn Canal (AK_M_1030308_000)	Enterococcus, Fecal Coliform	None	2

Clarence Strait (AK_M_1050009_001)	Copper, Nickel, Zinc	3	2
Craig Creek (AK_R_2040106_005)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Dutch Harbor (AK_M_3010208_005)	Enterococcus, Fecal Coliform	3	2
Dutch Harbor (entire harbor) (AK_M_3010208_023)	Enterococcus, Fecal Coliform	3	2
Eagle River (AK_R_2040103_003_004)	<i>Escherichia coli</i>	3	2
Gastineau Channel (Harris and Aurora Harbors) (AK_M_1030106_003)	Enterococcus, Fecal Coliform	3	2
Herring Cove Beach (AK_B_1010205_001)	pH	None	2
Homer Harbor (AK_M_2030108_006)	Enterococcus, Fecal Coliform	3	2
Hood/Spenard Lake (AK_L_2040108_063)	<i>Escherichia coli</i>	3	2
Hoonah Marine Assessment Unit (AK_M_1021109_013)	Enterococcus, Fecal Coliform, pH	None	2
Iliuliuk Bay (AK_M_3010208_008)	Enterococcus, Fecal Coliform	3	2
Iliuliuk Harbor (main) (AK_M_3010208_024)	Enterococcus, Fecal Coliform	None	2
Kenai River (AK_R_2030214_007)	Cadmium, Copper, Dissolved Oxygen, Lead, pH, Selenium, Total Dissolved Solids, Zinc	None	2
Kenai River (AK_R_2030218_002_001)	Copper, Zinc	3	2
Kenai River (AK_R_2030218_002_001)	Dissolved Oxygen, pH, Selenium, Total Dissolved Solids	None	2
Kenai River (AK_R_2030218_002_002)	Copper, Zinc	3	2
Kenai River (AK_R_2030218_002_002)	Dissolved Oxygen, pH, Selenium, Total Dissolved Solids	None	2
Knik Arm (AK_M_2040108_003)	Enterococcus, Fecal Coliform	3	2
Knudson Cove Beach (AK_B_1010203_001)	pH	None	2
Kodiak Harbor (AK_M_2070115_007)	Enterococcus, Fecal Coliform	3	2
Koyukuk River (AK_R_9010501_004)	Ammonia, Chloride, Zinc, Lead	None	2
Little Campbell Creek (AK_R_2040106_004)	Dissolved Oxygen, pH	3	2
Little Campbell Creek (AK_R_2040106_004)	Cadmium, Copper, Lead, Selenium, Zinc	None	2

Little Survival Creek (AK_R_2040107_007)	Fecal Coliform	4a	2
Little Susitna River (AK_R_2050512_016_003)	Benzene, Toluene, Ethylbenzene, Xylenes	None <sup>1</sup>	2
Little Susitna River (AK_R_2050512_016_005)	Dissolved Oxygen, pH, <i>Escherichia coli</i>	3	2
Little Susitna River (AK_R_2050512_016_005)	Cadmium, Copper, Lead, Mercury, Selenium, Zinc	None	2
Little Susitna River (AK_R_2050512_016_009)	Dissolved Oxygen, pH	3	2
Little Susitna River (AK_R_2050512_016_009)	Cadmium, Copper, Lead, Mercury, Selenium, Zinc	None	2
Lynn Canal (AK_M_1030108_001)	Copper, Nickel, Zinc	3	2
McHugh Creek (AK_R_2030207_012)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Mountain Point Cultural Food Beach (AK_B_1010208_001)	pH	None	2
Mountain Point Surprise Beach (AK_B_1010208_002)	Enterococcus	5 <sup>2</sup>	2
Mountain Point Surprise Beach (AK_B_1010208_002)	pH	None	2
Passage Canal (Whittier Harbor) (AK_M_2020120_011)	Enterococcus, Fecal Coliform	3	2
Peters Creek (AK_R_2040102_002)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Petersburg Creek-Frontal Wrangell Narrows (AK_M_1021010_000)	Enterococcus, Fecal Coliform	None	2
Petersburg Harbor (AK_M_1021010_008)	Enterococcus, Fecal Coliform	3	2
Potter Creek (AK_R_2040107_004)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Rabbit Creek (AK_R_2040107_005)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Rainbow Creek (AK_R_2030207_018)	<i>Escherichia coli</i> , Fecal Coliform	3	2
Refuge Cove Beach (AK_B_1010204_004)	pH	None	2

<sup>1</sup> In the 2022 IR cycle, Benzene, Toluene, Ethylbenzene, and Xylenes should have been included as attaining

<sup>2</sup> Enterococcus being placed in category 5 was an administrative error from a previous cycle and should have been placed in category 2.

Rotary Park Beach (AK_B_1010204_008)	Enterococcus	3 <sup>3</sup>	2
Rotary Park Beach (AK_B_1010204_008)	pH	None	2
Rotary Pool (AK_B_1010204_007)	pH	None	2
Salmon River (Hyder) (AK_R_1010601_009)	Aluminum, Barium, Beryllium, Cadmium, Chloride, Cobalt, Copper, Dissolved Oxygen, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nickel, Nitrate, Nitrite, pH, Selenium, Silver, Total Dissolved Solids, Zinc	3	2
Salmon River (Hyder) (AK_R_1010601_009)	Antimony, Boron, Fluoride, Sulfate, Thallium, Uranium, Vanadium	None	2
Seaport Beach (AK_B_1010204_006)	Enterococcus	5 <sup>4</sup>	2
Seaport Beach (AK_B_1010204_006)	pH	None	2
Seward Harbor (AK_M_2020205_004)	Enterococcus, Fecal Coliform	None	2
Ship Creek (AK_R_2040104_002_002)	Dissolved Oxygen, pH, Fecal Coliform	3	2
Ship Creek (AK_R_2040104_002_002)	Cadmium, Copper, Lead, Mercury, Selenium, Zinc	None	2
Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Dissolved Oxygen, pH, <i>Escherichia coli</i>	3	2
Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Cadmium, Copper, Lead, Mercury, Selenium, Zinc	None	2
Shoemaker Bay - Wrangell South (AK_M_1020902_005)	Enterococcus, Fecal Coliform	None	2
Shull Beach (AK_B_1010204_002)	pH	None	2
Sitka Harbor (AK_M_1021212_013)	Enterococcus, Fecal Coliform	3	2
Skagway Harbor (entire harbor area) (AK_M_1030305_004)	Enterococcus, Fecal Coliform	3	2
Soldotna Creek (AK_R_2030218_007)	Dissolved Oxygen, pH, <i>Escherichia coli</i> , Fecal Coliform	3	2
Soldotna Creek (AK_R_2030218_007)	Copper, Lead, Mercury, Zinc	None	2

<sup>3</sup> Enterococcus being placed in category 3 was an administrative error from a previous cycle and should have been placed in category 2.

<sup>4</sup> Enterococcus being placed in category 5 was an administrative error from a previous cycle and should have been placed in category 2.

South Point Higgins Beach (AK_B_1010204_001)	pH	None	2
Stariski Creek-Frontal Cook Inlet (AK_M_2030108_000)	Enterococcus, Fecal Coliform	None	2
Stikine River (AK_R_1020709_011)	Aluminum, Antimony, Barium, Chloride, Cobalt, Dissolved Oxygen, Iron, Lead, Lithium, Manganese, Molybdenum, Nitrate, Nitrite, Silver, Zinc	3	2
Stikine River (AK_R_1020709_011)	Boron, Fluoride, Sulfate, Thallium, Uranium, Vanadium	None	2
Sunset Beach (AK_B_1010204_003)	pH	None	2
Taiya Inlet (AK_M_1030305_002)	Enterococcus, Fecal Coliform	3	2
Taku River (AK_R_1030407_006)	Aluminum, Antimony, Barium, Beryllium, Cobalt, Dissolved Oxygen, Iron, Lithium, Manganese, Molybdenum, Nitrate, Nitrite, Silver, Vanadium	3	2
Taku River (AK_R_1030407_006)	Boron, Fluoride, Sulfate, Thallium, Uranium	None	2
Tanani Bay (AK_M_1030308_007)	Enterococcus, Fecal Coliform	3	2
Thomas Basin Harbor (AK_B_1010204_005)	pH	None	2
Tongass Narrows combined (AK_M_1010204_011)	Enterococcus, Fecal Coliform	None	2
Unuk River (AK_R_1010504_005)	Aluminum, Dissolved Oxygen, Iron, Manganese, Nitrate, Nitrite, Vanadium	3	2
Unuk River (AK_R_1010504_005)	Fluoride, Sulfate	None	2
Upper Resurrection Bay (AK_M_2020205_003)	Enterococcus, Fecal Coliform	3	2
Ward Cove (AK_M_1010204_008)	Enterococcus, Fecal Coliform	3	2
Wasilla Creek (AK_R_2040108_022)	Lead, Zinc	3	2
Wasilla Creek (AK_R_2040108_022)	Copper, Selenium	None	2
Wrangell Harbor (AK_M_1020904_004)	Enterococcus, Fecal Coliform	3	2

## Appendix B

### *Waterbody Assessment Units Evaluated, but no Changes Proposed*

#### Category 5

<b>Waterbody Name (Assessment Unit ID)</b>	<b>Parameter</b>	<b>Previous Category (2022 IR)</b>	<b>Proposed Category (2024 IR)</b>
Herring Cove Beach (AK_B_1010205_001)	Fecal Coliform	5	5
Little Susitna River (AK_R_2050512_016_003)	Turbidity	5	5
Mountain Point Cultural Food Beach (AK_B_1010208_001)	Fecal Coliform	5	5
Mountain Point Surprise Beach (AK_B_1010208_002)	Fecal Coliform	5	5
Rotary Park Beach (AK_B_1010204_008)	Fecal Coliform	5	5
Rotary Pool (AK_B_1010204_007)	Fecal Coliform	5	5
Sunset Beach (AK_B_1010204_003)	Fecal Coliform	5	5
Thomas Basin Harbor (AK_B_1010204_005)	Fecal Coliform	5	5

#### Category 4

<b>Waterbody Name (Assessment Unit ID)</b>	<b>Parameter</b>	<b>Previous Category (2022 IR)</b>	<b>Proposed Category (2024 IR)</b>
Campbell Creek (AK_R_2040106_001)	Fecal Coliform	4a	4a
Campbell Lake (AK_L_2040106_003)	Fecal Coliform	4a	4a
Chester Creek (AK_R_2040108_003)	Fecal Coliform	4a	4a
Fish Creek (Anchorage) (AK_R_2040108_009)	Fecal Coliform	4a	4a
Furrow Creek (AK_R_2040107_002)	Fecal Coliform	4a	4a
Jordan Creek (AK_R_1030106_014)	Dissolved Oxygen	4a	4a
Little Campbell Creek (AK_R_2040106_004)	Fecal Coliform	4a	4a
Little Rabbit Creek (AK_R_2040107_003_001)	Fecal Coliform	4a	4a

Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Fecal Coliform	4a	4a
University Lake (AK_L_2040108_055)	Fecal Coliform	4a	4a
Ward Cove (AK_M_1010204_008)	Dissolved Oxygen	4a	4a
Westchester Lagoon (AK_L_2040108_060)	Fecal Coliform	4a	4a

### Category 3

<b>Waterbody Name (Assessment Unit ID)</b>	<b>Parameter</b>	<b>Previous Category (2022 IR)</b>	<b>Proposed Category (2024 IR)</b>
Auke Bay (AK_M_1030107_002)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Birch Lake (AK_L_8030709_001)	Dissolved Oxygen, Turbidity	3	3
Chatham Strait (AK_M_1050007_001)	Dissolved Oxygen, pH, Enterococcus, Fecal Coliform	3	3
Chena Lake (AK_L_8030609_003)	Turbidity	3	3
Chena River (AK_R_8030606_001)	Turbidity, Fecal Coliform	3	3
Chena River (AK_R_8030609_003)	Iron, Turbidity, Fecal Coliform	3	3
Clarence Strait (AK_M_1050009_001)	Dissolved Oxygen, pH, Enterococcus, Fecal Coliform	3	3
Eagle River (AK_R_2040103_003_004)	Fecal Coliform	3	3
Fredrick Sound (AK_M_1050004_001)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Gastineau Channel (Harris and Aurora Harbors) (AK_M_1030106_003)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Homer Harbor (AK_M_2030108_006)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Icy Strait (AK_M_1050006_003)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	3	3
Inside Passage (AK_M_1010210_003)	Dissolved Oxygen, Enterococcus, Fecal Coliform, pH, Zinc	3	3
Jordan Creek (AK_R_1030106_014)	pH, Turbidity, <i>Escherichia coli</i> , Fecal Coliform	3	3
Kenai River (AK_R_2030218_002_001)	Turbidity	3	3

Knik Arm (AK_M_2040108_003)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Kodiak Harbor (AK_M_2070115_007)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Little Campbell Creek (AK_R_2040106_004)	Turbidity	3	3
Little Susitna River (AK_R_2050512_016_005)	Turbidity, Fecal Coliform	3	3
Little Susitna River (AK_R_2050512_016_009)	Turbidity, <i>Escherichia coli</i> , Fecal Coliform	3	3
Lynn Canal (AK_M_1030108_001)	Dissolved Oxygen, Enterococcus, Fecal Coliform, pH	3	3
Nome Harbor (AK_M_5010420_003)	Enterococcus, Fecal Coliform	3	3
Passage Canal (Whittier Harbor) (AK_M_2020120_011)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Petersburg Harbor (AK_M_1021010_008)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Port Valdez (AK_M_2020111_005)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	3	3
Port Valdez Small Boat Harbor (AK_M_2020111_011)	Copper, Dissolved Oxygen, Nickel, pH, Zinc, Enterococcus, Fecal Coliform	3	3
Ship Creek (AK_R_2040104_002_002)	Turbidity	3	3
Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Turbidity	3	3
Sitka Harbor (AK_M_1021212_013)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Skagway Harbor (entire harbor area) (AK_M_1030305_004)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Soldotna Creek (AK_R_2030218_007)	Turbidity	3	3
Stephens Passage (AK_M_1050001_001)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Stikine River (AK_R_1020709_011)	Mercury	3	3
Stikine Strait (AK_M_1020903_010)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Sumner Strait (AK_M_1050008_001)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Taiya Inlet (AK_M_1030305_002)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3

Tanani Bay (AK_M_1030308_007)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Unuk River (AK_R_1010504_005)	Turbidity	3	3
Upper Resurrection Bay (AK_M_2020205_003)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3
Ward Cove (AK_M_1010204_008)	Copper, Nickel, pH, Zinc	3	3
Wrangell Harbor (AK_M_1020904_004)	Copper, Dissolved Oxygen, Nickel, pH, Zinc	3	3

## Category 2

<b>Waterbody Name (Assessment Unit ID)</b>	<b>Parameter</b>	<b>Previous Category (2022 IR)</b>	<b>Proposed Category (2024 IR)</b>
Alsek River (AK_R_1040422_001)	Arsenic, Cadmium, Nickel, pH, Selenium	2	2
Chena River (AK_R_8030609_003)	pH	2	2
Chena Slough (lower) (AK_R_8030609_004_001)	Dissolved Oxygen, pH, Turbidity	2	2
Hood/Spenard Lake (AK_L_2040108_063)	Fecal Coliform	2	2
Jordan Creek (AK_R_1030106_014)	Nickel, Zinc	2	2
Kenai River (AK_R_2030218_002_001)	Cadmium, Dissolved Oxygen, Lead, pH	2	2
Kenai River (AK_R_2030218_002_002)	Cadmium, Lead	2	2
Salmon River (Hyder) (AK_R_1010601_009)	Arsenic	2	2
Stikine River (AK_R_1020709_011)	Arsenic, Beryllium, Cadmium, Copper, Nickel, pH, Selenium, Total Dissolved Solids	2	2
Taku River (AK_R_1030407_006)	Arsenic, Cadmium, Chloride, Copper, Lead, Nickel, pH, Selenium, Total Dissolved Solids, Zinc	2	2
Unuk River (AK_R_1010504_005)	Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chloride, Cobalt, Copper, Lead, Lithium, Molybdenum, Nickel, pH, Selenium, Silver, Thallium, Total Dissolved Solids, Uranium, Zinc	2	2
Wasilla Creek (AK_R_2040108_022)	Cadmium, Dissolved Oxygen, pH, Turbidity	2	2

## Appendix C

### Current Impairments (2022 Integrated Report)

#### Category 5

Waterbody Name (Assessment Unit ID)	Parameter	Category
Beacon Hill Beach (AK_B_1010203_002)	Fecal Coliform	5
Egegik River (AK_R_3020311_001_001)	Petroleum Hydrocarbons	5
Herring Cove Beach (AK_B_1010205_001)	Fecal Coliform, Enterococcus	5
Katlian River (AK_R_1021212_004_001)	Turbidity, Sedimentation/Siltation	5
Kimshan Cove (AK_M_1021115_007)	Copper, Mercury, Lead, Arsenic	5
Knudson Cove Beach (AK_B_1010203_001)	Fecal Coliform, Enterococcus	5
Kuskokwim River (Red Devil) (AK_R_3050101_006_008)	Arsenic, Antimony, Mercury	5 <sup>5</sup>
Little Susitna River (AK_R_2050512_016_003)	Turbidity	5
Mountain Point Cultural Food Beach (AK_B_1010208_001)	Fecal Coliform, Enterococcus	5
Mountain Point Surprise Beach (AK_B_1010208_002)	Fecal Coliform	5
Red Devil Creek (AK_R_3050101_009)	Antimony, Arsenic, Mercury	5 <sup>6</sup>
Refuge Cove Beach (AK_B_1010204_004)	Fecal Coliform	5
Rotary Park Beach (AK_B_1010204_008)	Fecal Coliform	5
Rotary Pool (AK_B_1010204_007)	Fecal Coliform, Enterococcus	5
Salt Chuck Bay (AK_M_1010305_021)	Copper	5
Seaport Beach (AK_B_1010204_006)	Fecal Coliform,	5
Shull Beach (AK_B_1010204_002)	Fecal Coliform, Enterococcus	5
South Point Higgins Beach (AK_B_1010204_001)	Fecal Coliform	5
Sunset Beach (AK_B_1010204_003)	Fecal Coliform, Enterococcus	5
Thomas Basin Harbor (AK_B_1010204_005)	Fecal Coliform, Enterococcus	5

<sup>5</sup> Placed in category 4b for the 2024 Integrated Report

<sup>6</sup> Placed in category 4b for the 2024 Integrated Report

## Category 4a

Waterbody Name (Assessment Unit ID)	Parameter	Category
Akutan Harbor (AK_M_3010207_004)	Residues	4a
Big Lake (AK_L_2040105_008_001)	Petroleum Hydrocarbons	4a
Campbell Creek (AK_R_2040106_001)	Fecal Coliform	4a
Campbell Lake (AK_L_2040106_003)	Fecal Coliform	4a
Chester Creek (AK_R_2040108_003)	Fecal Coliform	4a
Cottonwood Creek (AK_R_2040108_004_001)	Fecal Coliform	4a
Crooked Creek Watershed: Boulder Creek (AK_R_8040108_006)	Turbidity	4a
Crooked Creek Watershed: Crooked Creek (AK_R_8040108_007_002)	Turbidity	4a
Crooked Creek Watershed: Deadwood Creek (AK_R_8040108_008)	Turbidity	4a
Crooked Creek Watershed: Ketchem Creek (AK_R_8040108_019_001)	Turbidity	4a
Duck Creek (AK_R_1030106_036)	Fecal Coliform, Turbidity, Debris, Dissolved Oxygen, Iron	4a
Dutch Harbor (AK_M_3010208_005)	Petroleum Hydrocarbons	4a
Fish Creek (Anchorage) (AK_R_2040108_009)	Fecal Coliform	4a
Furrow Creek (AK_R_2040107_002)	Fecal Coliform	4a
Garrison Slough (AK_R_8030710_002_001)	Polychlorinated Biphenyls (PCBs)	4a
Goldstream Creek (AK_R_8030907_014_001)	Turbidity	4a
Hawk Inlet (AK_M_1020408_002)	Zinc In Sediment, Lead In Sediment, Mercury In Sediment, Copper In Sediment	4a
Herring Cove, of Silver Bay (AK_M_1021211_010)	Debris	4a
Ikhèenjìk River (Birch Creek) (AK_R_8040102_012_002)	Turbidity	4a <sup>7</sup>
Iliuliuk Harbor (AK_M_3010208_009)	Petroleum Hydrocarbons	4a
Jordan Creek (AK_R_1030106_014)	Debris, Sedimentation/Siltation, Dissolved Oxygen	4a
Klag Bay (AK_M_1021116_020)	Manganese, Arsenic, Zinc, Cobalt, Copper, Mercury, Silver, Lead	4a
Lemon Creek (AK_R_1030106_017_001)	Turbidity, Sedimentation/Siltation	4a
Little Campbell Creek (AK_R_2040106_004)	Fecal Coliform	4a
Little Rabbit Creek (AK_R_2040107_003_001)	Fecal Coliform	4a
Little Survival Creek (AK_R_2040107_007)	Fecal Coliform	4a <sup>8</sup>
Lucile Lake (AK_L_2040105_036)	Dissolved Oxygen	4a

<sup>7</sup> Placed in category 2 for the 2024 Integrated Report

<sup>8</sup> Placed in category 2 for the 2024 Integrated Report

Lucile Lake (stormwater outfalls) (AK_L_2040105_036_001)	Contaminated Sediments (PAHs), Lead In Sediment, Zinc In Sediment	4a
Matanuska River (AK_R_2040207_013_002)	Debris	4a
Noyes Slough (AK_R_8030609_017)	Petroleum Hydrocarbons, Debris	4a
Pederson Hill Creek (AK_R_1030106_038)	Fecal Coliform	4a
Pullen Creek (AK_R_1030302_007)	Zinc, Cadmium, Lead, Copper	4a
Red Lake-Anton Road Pond (AK_L_2070115_036)	Iron, Manganese	4a
Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Fecal Coliform	4a
Silver Bay (AK_M_1021211_020)	Hydrogen Sulfide, 4-Methylphenol, Debris, Ammonia	4a
Skagway Harbor (AK_M_1030305_003)	Petroleum Hydrocarbons	4a
Slate Creek (AK_R_8031018_015)	Iron, Arsenic, Antimony	4a
South Unalaska Bay (AK_M_3010208_022)	Residues, Biochemical Oxygen Demand (BOD)	4a
Thorne Bay (AK_M_1010303_014)	Debris	4a
University Lake (AK_L_2040108_055)	Fecal Coliform	4a
Upper Birch Creek drainage: Eagle Creek (AK_R_8040102_006)	Turbidity	4a
Upper Birch Creek drainage: Gold Dust Creek (AK_R_8040102_009)	Turbidity	4a
Vanderbilt Creek (AK_R_1030106_037)	Turbidity, Sedimentation/Siltation	4a
Ward Cove (AK_M_1010204_008)	Dissolved Oxygen, Residues	4a
Westchester Lagoon (AK_L_2040108_060)	Fecal Coliform	4a

## Category 4b

<b>Waterbody Name (Assessment Unit ID)</b>	<b>Parameter</b>	<b>Category</b>
Cabin Creek (AK_R_8030112_008)	Manganese, Manganese, Arsenic, Cadmium, Iron, Copper	4b
Cold Bay (AK_M_3010122_001)	Petroleum Hydrocarbons	4b
Eleanor Island (AK_B_2020302_003)	Petroleum Hydrocarbons	4b
EVOS beach (mainland) (AK-20202-811)	Petroleum Hydrocarbons	4b
EVOS beach (Marsha Bay, Knight Island) (AK-20202-815)	Petroleum Hydrocarbons	4b
EVOS beach (N Disk Island) (AK-20202-818)	Petroleum Hydrocarbons	4b
EVOS beach (N Elrington Island) (AK-20202-802)	Petroleum Hydrocarbons	4b
EVOS beach (N Green Island) (AK-20202-816)	Petroleum Hydrocarbons	4b
EVOS beach (N LaTouche Island 4) (AK_B_2020303_003)	Petroleum Hydrocarbons	4b
EVOS beach (N LaTouche Island 5) (AK_B_2020303_004)	Petroleum Hydrocarbons	4b
EVOS beach (N LaTouche Island 6) (AK-20202-808)	Petroleum Hydrocarbons	4b
EVOS beach (N LaTouche Island 7) (AK-20202-809)	Petroleum Hydrocarbons	4b
EVOS beach (N LaTouche Island 8) (AK_B_2020303_005)	Petroleum Hydrocarbons	4b
EVOS beach (N Smith Island) (AK_B_2020302_026)	Petroleum Hydrocarbons	4b
EVOS beach (NE Evans Island 2) (AK-20202-819)	Petroleum Hydrocarbons	4b
EVOS beach (NE Evans Island 3) (AK_B_2020303_001)	Petroleum Hydrocarbons	4b
EVOS beach (NE Evans Island 4) (AK-20202-821)	Petroleum Hydrocarbons	4b
EVOS beach (NE Knight Island) (AK-20202-812)	Petroleum Hydrocarbons	4b
EVOS beach (NE LaTouche Island 1) (AK_B_2020303_002)	Petroleum Hydrocarbons	4b
EVOS beach (NE Seal Island) (AK-20202-817)	Petroleum Hydrocarbons	4b
EVOS beach (NW LaTouche Island 2) (AK-20202-804)	Petroleum Hydrocarbons	4b
EVOS beach (NW LaTouche Island 3) (AK-20202-805)	Petroleum Hydrocarbons	4b
EVOS beach (Rua Cove, Knight Island) (AK-20202-813)	Petroleum Hydrocarbons	4b
EVOS beach (SE Knight Island) (AK-20202-814)	Petroleum Hydrocarbons	4b
Popof Strait (AK_M_3010115_017)	Residues	4b
Silver Bay 2 (AK_M_1021211_020_001)	Residues	4b
Tributary Creek (Greens Creek) (AK_R_1020408_006)	Lead	4b