



Alaska Department of Environmental Conservation Fact Sheet 2022 Final Integrated Report

What is the Integrated Report?

Every two years, DEC is required to report on the condition of Alaska's waters, in accordance with the federal Clean Water Act. The Integrated Report categorizes waterbodies in Alaska to meet the reporting requirements for the Section 305(b) report and Section 303(d) list of impaired waters. The Integrated Report helps the State prioritize waters for data gathering, watershed protection, and restoration of impaired waters.

Since 2019 the report has been submitted electronically as a list of waters and their various categories. Additional information on individual waters 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 can be assigned:

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

Impairment means that a waterbody 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 publically available listing methodologies. EPA has approval authority over waters moving into and out of Category 5, also known as the impaired waters list. Waters in Category 4 are also impaired but have an EPA-approved waterbody recovery plan.

What is an Assessment Unit?

An assessment unit is the portion of a waterbody from which data is analyzed to determine if water quality standards are being met. Most assessment units are broken down at Hydrologic Unit Code (HUC) 10 boundaries. A large waterbody such as a Yukon River has many assessment units, while smaller waterbodies are contained within one unit. Some assessment units have different boundaries, for example if there is an impacted area smaller than the Hydrologic Unit Code 10, or if they don't apply well like in marine areas.

What changes are being proposed in the 2022 Integrated Report?

Appendices A and B show waterbody assessment units which had data and/or other information provided for evaluation in the 2022 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 ones meeting data minimums undergo full analysis.

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

- Appendix A shows waterbody assessment units which were evaluated for the 2022 Integrated Report and either have a proposed category change or are a new inclusion in the Integrated Report. Changes proposed for the 2022 Integrated Report include the following:
 - Impairments: Two waterbody assessment units are proposed as impaired in Category 5 for pathogens (Rotary Park Beach and Mtn Pt Surprise Beach) and one is proposed as impaired for lead in Category 4b (Tributary Creek).
 - Attainments: One waterbody assessment unit is proposed to move from impaired in Category 4B to attaining in Category 2 for total aromatic hydrocarbons (Little Susitna River). Over 25 waterbody assessment units are proposed for placement as attaining in Category 2, either from Category 3 or previously not included in the Integrated Report.
 - Over 200 new waterbody assessment units are proposed for Category 3. DEC received new data or information, but it was not enough to determine their status.
- Appendix B shows the waterbody assessment units evaluated for the 2022 Integrated Report where no changes are proposed.
- Appendix C shows the complete list of impaired waters. This includes impairments from previous Integrated Report cycles as well as new impairments proposed in the 2022 Integrated Report.

Where can I find more information online on the health of Alaska's Waters?

- DEC Integrated Report web page; Integrated Reports from previous years and listing methodologies can be found here <http://dec.alaska.gov/water/water-quality/integrated-report>
- Access public EPA ATTAINS data here <https://www.epa.gov/waterdata/attains>

Appendix A

Proposed Changes for the 2022 Integrated Report

Category 5

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Rotary Park Beach (AK_B_1010204_008)	Fecal coliform	3	5
Mtn Pt Surprise Beach (AK_B_1010208_002)	Enterococcus, fecal coliform	3	5

Category 4

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Tributary Creek (AK_R_1020408_006)	Lead	3	4B

Category 3

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Alsek River (AK_R_1040420_001)	Alkalinity, Aluminum, Ammonia, Barium, Beryllium, Chloride, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nitrate, Nitrate/nitrite, Nitrite, Silver, Total dissolved solids (TDS), Zinc	None	3
American Creek (AK_R_8031116_001)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Turbidity, Vanadium, Zinc	None	3
Anchorage Harbor (AK_M_2040108_006)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Aniak River (AK_R_3050123_001)	Dissolved oxygen, pH, Temperature	None	3

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Aniak Slough (AK_R_3050205_001)	Dissolved oxygen, pH, Temperature	None	3
Anvik River (AK_R_9030114_001)	Alkalinity, Aluminum, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Auke Bay (AK_M_1030107_002)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Bathing Beauty Pond (AK_L_8030710_001)	Dissolved oxygen, pH, Temperature, Turbidity	None	3
Bear Creek (AK_R_8040417_001)	Arsenic, Barium, Cadmium, Chromium, Copper, Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS), Zinc	None	3
Big Indian River (AK_R_9010804_005)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc, Nitrate, Alkalinity	None	3
Birch Lake (AK_L_8030709_001)	Dissolved oxygen, Escherichia coli, Fecal coliform, pH, Temperature, Turbidity	None	3
Boulder Creek (AK_R_8031116_004)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Turbidity, Vanadium, Zinc	None	3
Boyden Creek (AK_R_8030113_001)	Alkalinity, Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Buffalo Creek (AK_R_2040207_001)	pH, Temperature, Turbidity	None	3
California Creek (AK_R_2040205_003)	pH, Temperature, Turbidity	None	3
Caribou Creek (AK_R_2010102_001)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Caribou Creek (AK_R_2040201_005)	pH, Temperature, Turbidity	None	3
Caribou Creek (AK_R_8030906_008)	Ammonia, Temperature	None	3
Carlanna Creek (AK_R_1010204_001)	Alkalinity, Ammonia, Cadmium, Chromium, Copper, Dissolved oxygen, Escherichia coli, Fecal coliform, Lead, Nitrate/nitrite, pH, Turbidity, Zinc	None	3
Chalk Creek (AK_R_8030113_002)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Chandalar River (AK_R_8020409_005)	Alkalinity, Aluminum, Arsenic, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese,	None	3

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	Molybdenum, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc		
Chatham Strait (AK_M_1050007_001)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Chathenda Creek (AK_R_8030103_007)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Chena Lake (AK_L_8030609_003)	Dissolved oxygen, pH, Temperature, Turbidity	None	3
Chena River (AK_R_8030606_001)	Dissolved oxygen, Escherichia coli, Fecal coliform, pH, Temperature, Turbidity	None	3
Chena River (AK_R_8030609_001)	Dissolved oxygen, Escherichia coli, Fecal coliform, Temperature, Turbidity	None	3
Chena River (AK_R_8030609_003)	pH, Alkalinity, Barium, Chloride, Dissolved oxygen, Iron, Manganese, Nitrate, Temperature, Turbidity	None	3
Chena Slough (AK_R_8030609_004_001)	Escherichia coli, Fecal coliform	None	3
Chickaloon River (AK_R_2040205_004)	pH, Temperature, Turbidity	None	3
Chokosna River (AK_R_2010320_001)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Clarence Strait (AK_M_1050009_001)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Clear Water Creek (AK_R_8030313_002)	Alkalinity, Chloride, Dissolved oxygen, Nitrate, pH, Temperature, Turbidity	None	3
Copper Creek (AK_R_7050612_001)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Craig Creek (AK_R_2040106_005)	Escherichia coli, Fecal coliform	None	3
Crescent Bay (AK_M_1021211_005)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Crooked Creek (AK_R_3050108_005)	Temperature	None	3
Crystal Creek (AK_R_2010319_002)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Deadwood Creek (AK_R_8040108_008)	Aluminum, Antimony, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc	None	3
Draanjik River (AK_R_8010626_001)	Alkalinity, Aluminum, Barium, Boron, Chloride, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Vanadium, Zinc	None	3

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Dutch Harbor (AK_M_3010208_005)	Enterococcus, Fecal coliform	None	3
Dutch Harbor (AK_M_3010208_023)	Enterococcus, Fecal coliform	None	3
Eagle River (AK_R_2040103_003_004)	Escherichia coli, Fecal coliform	None	3
East Fork Toklat River (AK_R_8031025_001)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
East Port Frederick (AK_M_1021109_010)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Eska Creek (AK_R_2040207_005)	pH, Temperature, Turbidity	None	3
Eureka Creek (AK_R_8031018_005)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Eureka Creek (AK_R_8031106_014)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Turbidity, Vanadium, Zinc	None	3
Fish Creek (AK_R_8031116_007)	Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc	None	3
Flamingo Spring (AK_R_9020220_015)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc	None	3
Flint Creek (AK_R_9020224_007)	Arsenic, Barium, Cadmium, Chromium, Copper, Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS)	None	3
Flint Creek (AK_R_9020224_008)	Zinc	None	3
Fort Wrangell (AK_M_1020902_011)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Frederick Sound (AK_M_1050004_001)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Friday Creek (AK_R_8031018_006)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Gastineau Channel (AK_M_1030106_002)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3

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Gastineau Channel (Harris and Aurora Harbors) (AK_M_1030106_003)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
George River (AK_R_3050107_005)	Antimony, Arsenic, Cadmium, Dissolved oxygen, Lead, Mercury, Nickel, pH, Temperature, Total dissolved solids (TDS)	None	3
Gilahina River (AK_R_2010324_002)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Granite Creek (AK_R_2040207_008)	pH, Temperature, Turbidity	None	3
Grant Creek (AK_R_9020405_009)	Arsenic, Barium, Cadmium, Chromium, Copper , Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS), Zinc	None	3
Harbor Point (AK_M_1021212_018)	Ammonia, Copper, Dissolved Oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Hess Creek (AK_R_8040408_003)	Alkalinity, Aluminum, Arsenic , Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, Temperature, Vanadium, Zinc	None	3
Hicks Creek (AK_R_2040203_007)	pH, Temperature, Turbidity	None	3
Hidden Creek (AK_R_2050417_001)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Hoadley Creek (AK_R_1010204_002)	Alkalinity, Ammonia, Cadmium, Chromium, Copper, Dissolved oxygen, Escherichia coli, Fecal coliform, Lead, Nitrate/nitrite, pH, Turbidity, Zinc	None	3
Hogan Creek (AK_R_8030811_007)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Hogatza River (AK_R_9010814_003)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc, Nitrate, Alkalinity	None	3
Homer Harbor (AK_M_2030108_006)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Hood/Spenard Lake (AK_L_2040108_063)	Escherichia coli, Fecal coliform	None	3
Hunter Creek (AK_R_8040411_013)	Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Zinc, Total dissolved solids (TDS)	None	3
Huntington Creek (AK_R_9010806_005)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver,	None	3

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	Temperature, Thallium, Vanadium, Zinc, Nitrate, Alkalinity		
Icy Strait (AK_M_1050006_003)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Igloo Creek (AK_R_8030811_003)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Iliuliuk Bay (AK_M_3010208_008)	Enterococcus, Fecal coliform	None	3
Iliuliuk Harbor (AK_M_3010208_009)	Enterococcus, Fecal coliform	None	3
Indian River (AK_R_1021211_002)	Turbidity	None	3
Inside Passage (AK_M_1010210_003)	Dissolved oxygen, Enterococcus, Fecal coliform, pH, Temperature	None	3
Jack Creek (AK_R_8030113_003)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Jordan Creek (AK_R_1030106-014)	Escherichia coli, Fecal coliform, pH, Turbidity	None	3
Kahiltna River (AK_R_2050418_038)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Kennicott River (AK_R_2010317_010)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Ketchem Creek (AK_R_8040108_019_001)	Aluminum, Antimony, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc	None	3
Ketchikan Creek (AK_R_1010204_003)	Alkalinity, Ammonia, Cadmium, Chromium, Copper, Dissolved oxygen, Escherichia coli, Fecal coliform, Lead, Nitrate/nitrite, pH, Turbidity, Zinc	None	3
Kings River (AK_R_2040206_001)	pH, Temperature, Turbidity	None	3
Knik Arm (AK_M_2040108_003)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Kodiak Harbor (AK_M_2070115_007)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Koyukuk River (AK_R_9010816_005)	Alkalinity, Chloride, Dissolved oxygen, Nitrate, pH, Temperature	None	3
Koyukuk River (AK_R_9010820_004)	Alkalinity, Barium, Chloride, Copper, Dissolved oxygen, Iron, Manganese, Nickel, Nitrate, pH, Temperature, Zinc	None	3

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Koyukuk River (AK_R_9010913_004)	Alkalinity, Barium, Chloride, Copper, Dissolved oxygen, Iron, Manganese, Nickel, Nitrate, pH, Temperature, Zinc	None	3
Kuskokwim River (AK_R_3050101_006_001)	Antimony, Arsenic, Cadmium, Dissolved oxygen, Mercury, Nickel, pH, Temperature, Total dissolved solids (TDS)	None	3
Kuskokwim River (AK_R_3050124_006)	pH	None	3
Kuskokwim River (AK_R_3050205_003)	Dissolved oxygen, Temperature, Turbidity, pH	None	3
Lake Creek (AK_R_8031018_009)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Lakina River (AK_R_2010319_005)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Leachate Creek (AK_R_2070114_006)	Ammonia, Cobalt, Iron, Manganese, Nickel, Nitrate/nitrite	None	3
Little Campbell Creek (AK_R_2040106_004)	Escherichia coli, Temperature, Turbidity	None	3
Little Jack Creek (AK_R_8030113_005)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Little Poker Creek (AK_R_8030906_028)	Ammonia, Temperature	None	3
Little Stony Creek (AK_R_8031024_005)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Little Susitna River (AK_R_2050512_016_005)	Dissolved oxygen, Escherichia coli, Fecal coliform, pH, Temperature, Turbidity	None	3
Little Susitna River (AK_R_2050512_016_009)	Dissolved oxygen, Escherichia coli, Fecal coliform, pH, Temperature, Turbidity	None	3
Long Creek (AK_R_9020220_013)	Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS)	None	3
Long Creek (AK_R_9020220_014)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Vanadium, Zinc	None	3
Long Lake Creek (AK_R_2010323_009)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Lost Creek (AK_R_8030113_006)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Lynn Canal (AK_M_1030108_001)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Mammoth Creek (AK_R_8040108_022)	Aluminum, Antimony, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel,	None	3

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	Selenium, silver, Temperature, Thallium, Vanadium, Zinc		
McHugh Creek (AK_R_2030207_012)	Escherichia coli, Fecal coliform	None	3
Mill Bay (AK_M_2070114_018)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Minook Creek (AK_R_8040411_021)	Arsenic, Barium, Cadmium, Chromium, Copper, Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS)	None	3
Minook Creek (AK_R_8040411_022)	Zinc	None	3
Moose Creek (AK_R_2040207_014)	pH, Temperature, Turbidity	None	3
Moose Creek (AK_R_2040207_018)	pH, Temperature, Turbidity	None	3
Moose Creek (AK_R_8031018_010)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Morelook Creek (AK_R_8040417_009)	Arsenic, Barium, Cadmium, Chromium, Copper, Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS), Zinc	None	3
Nabesna River (AK_R_8030114_004)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Ninglivvak River (AK_R_9030529_004)	Alkalinity, Aluminum, Barium, Boron, Chloride, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Nome Harbor (AK_M_5010420_003)	Enterococcus, Fecal coliform	None	3
North Fork Andreafski River (AK_R_9030506_001)	Aluminum, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium	None	3
North Twin Lake (AK_L_1030106_004)	Fecal coliform	None	3
Paco Creek (AK_R_8030113_011)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Passage Canal (Whittier Harbor) (AK_M_2020120_011)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Peters Creek (AK_R_2040102_002)	Escherichia coli, Fecal coliform	None	3
Petersburg Harbor (AK_M_1021010_006)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Point Highfield (AK_M_1020904_005)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3

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Poker Creek (AK_R_8030906_039)	Ammonia, Temperature	None	3
Porcupine River (AK_R_8010822_008)	Alkalinity, Aluminum, Barium, Boron, Chloride, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Port of Valdez (AK_M_2020111_005)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Portage Cove (AK_M_1030308_005)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Portage Creek (AK_R_8040108_028)	Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Temperature, Thallium, Turbidity, Vanadium, Zinc	None	3
Potter Creek (AK_R_2040107_004)	Escherichia coli, Fecal coliform	None	3
Prolewy Rocks (AK_M_1021010_007)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Purinton Creek (AK_R_2040204_013)	pH, Temperature, Turbidity	None	3
Rabbit Creek (AK_R_2040107_005)	Escherichia coli, Fecal coliform	None	3
Rainbow Creek (AK_R_2030207_018)	Escherichia coli, Fecal coliform	None	3
Rock Creek (AK_R_2010102_004)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Rock Creek (AK_R_8030807_024)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Rufus Creek (AK_R_2010104_009)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Saint Paul Harbor (AK_M_2070115_012)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Salcha River (AK_R_8030508_008)	Ammonia, Chloride, Nitrate, pH, Temperature	None	3
Salmon River (AK_R_1010601_009)	Alkalinity, Aluminum, Ammonia, Barium, Beryllium, Cadmium, Chloride, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nickel, Nitrate, Nitrate/nitrite, Nitrite, pH, Selenium, Silver, Total dissolved solids (TDS), Zinc, Dissolved oxygen	None	3
Salmon River (AK_R_1030214_001)	Turbidity	None	3

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Sanctuary River (AK_R_8030811_004)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Savage River (AK_R_8030810_005)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Seventymile River (AK_R_7050506_013)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Seward Harbor/Upper Resurrection Bay (AK_M_2020205_003)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Ship Creek (AK_R_2040104_002_001)	Dissolved oxygen, Escherichia coli, pH, Temperature, Turbidity	None	3
Ship Creek (AK_R_2040104_002_002)	Dissolved oxygen, Escherichia coli, Fecal coliform, pH, Temperature, Turbidity	None	3
Sitka Channel (AK_M_1021212_017)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Sitka Harbor (AK_M_1021212_013)	Ammonia, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc, Copper	None	3
Sitka Harbor (Thomsen Harbor) (AK_M_1021212_013)	Ammonia, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc, Copper	None	3
Skagway Harbor Area (AK_M_1030305_004)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Soldotna Creek (AK_R_2030218_007)	Dissolved oxygen, Escherichia coli, Fecal coliform, pH, Temperature, Turbidity	None	3
South Twin Lake (AK_L_1030106_005)	Fecal coliform	None	3
Stephens Passage (AK_M_1050001_001)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Stikine River (AK_R_1020709_011)	Alkalinity, Aluminum, Ammonia, Barium, Chloride, Chromium, Cobalt, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nitrate, Nitrate/nitrite, Nitrite, Silver, Zinc, Dissolved oxygen	None	3
Stikine Strait (AK_M_1020903_010)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Stony Creek (AK_R_8031024_010)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Strelna Creek (AK_R_2010326_012)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Sumner Strait (AK_M_1050008_001)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3

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Taiya Inlet (AK_M_1030305_002)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Taiya River (AK_R_1030301_003)	Turbidity	None	3
Taku River (AK_R_1030407_006)	Barium, Beryllium, Chromium, Cobalt, Lithium, Molybdenum, Nitrate, Nitrite	None	3
Tanana River (AK_R_8030204_004)	Alkalinity, Aluminum, Barium, Boron, Chloride, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, Temperature, Turbidity, Vanadium, Zinc	None	3
Tanana River (AK_R_8030710_009)	Alkalinity, Barium, Chloride, Copper, Dissolved oxygen, Iron, Manganese, Nickel, Nitrate, pH, Temperature, Turbidity, Zinc	None	3
Tanana River (AK_R_8030713_008)	Alkalinity, Aluminum, Arsenic, Barium, Boron, Chloride, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, Temperature, Turbidity, Vanadium, Zinc	None	3
Tanana River (AK_R_8030722_002)	Chloride, Dissolved oxygen, Temperature	None	3
Tanani Bay (AK_M_1030308_007)	Ammonia, Copper, Zinc, Enterococcus, Fecal coliform, pH, Temperature, Nickel, Dissolved oxygen	None	3
Tattler Creek (AK_R_8030811_006)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Tolovana River (AK_R_8030903_003)	Alkalinity, Aluminum, Barium, Boron, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Tongass Narrows 1 (AK_M_1010204_010)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Tongass Narrows 2 (AK_M_1010204_006)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Tongass Narrows, Refuge Cove (AK_M_1010204_005)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Tozitna River (AK_R_9020107_008)	pH, Temperature, Total dissolved solids (TDS)	None	3
Trail Creek (AK_R_8030113_009)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Travertine Stream (AK_R_8031024_011)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Tributary Creek (AK_R_1020408_006)	Barium	None	3

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Twelvemile Creek (AK_R_2010311_003)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unanmed Creek (Wonder Lake inflow) (AK_R_8031018_019)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Unnamed Creek (to Poker Creek (AK_R_8030906_054)	Ammonia, Temperature	None	3
Unnamed Creek (Caribou Creek tributary) (AK_R_8030906_052)	Ammonia, Temperature	None	3
Unnamed Creek (Caribou Creek tributary) (AK_R_8030906_053)	Ammonia, Temperature	None	3
Unnamed creek (Charley River tributary) (AK_R_7050613_004)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed creek (Crescent Creek tributary) (AK_R_7050614_005)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed creek (East Fork Toklat River tributary) (AK_R_8031025_003)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Unnamed creek (Gates Glacier tributary) (AK_R_2010317_015)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed creek (Gorge Creek tributary) (AK_R_8031014_020)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Unnamed Creek (Little Bremner River tributary) (AK_R_2010409_010)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed creek (McKinley River tributary 1) (AK_R_8031014_021)	Ammonia, Chloride, Nitrate/nitrite, Sulfate, Turbidity	None	3
Unnamed creek (near Lake Creek) (AK_R_2010318_017)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed creek (near Tana Knob) (AK_R_2010311_004)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed creek (on Windy Ridge) (AK_R_2010118_001)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed Creek (Ruth Glacier tributary) (AK_R_2050208_003)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3

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Unnamed Creek (Stony Creek tributary) (AK_R_8031024_013)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed Creek (Tebay Lake tributary) (AK_R_2010321_007)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed Creek (Yukon River tributary) (AK_R_7050617_015)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unnamed Creek (Yukon River tributary) (AK_R_7050617_016)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Unuk River (AK_R_1010504_005)	Chloride, Nitrate, Nitrite	None	3
Unuk River (AK_R_1010504_005)	Mercury	2	3
Valdez Small Boat Harbor (AK_M_2020111_011)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Wade Creek (AK_R_7050219_030)	Arsenic, Barium, Cadmium, Chromium, Copper , Iron, Lead, Nickel, pH, Selenium, Silver, Temperature, Total dissolved solids (TDS), Zinc	None	3
Ward Cove (AK_M_1010204_008)	Ammonia, Copper, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Webber Creek (AK_R_7050618_011)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
West Port Frederick (AK_M_1021109_011)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Whitefish Lake (AK_L_3050204_001)	pH	None	3
Willow Creek (AK_R_7040216_008)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Wolverine Creek (AK_R_2040207_016)	pH, Temperature, Turbidity	None	3
Wolverine Lake Outlet (AK_R_2040207_017)	pH, Temperature, Turbidity	None	3
Woodchopper Creek (AK_R_7050618_012)	Alkalinity, Ammonia, Chloride, Dissolved oxygen, Nitrate/nitrite, pH, Sulfate, Turbidity	None	3
Wrangell Harbor (AK_M_1020904_004)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3
Wrangell Narrows (AK_M_1021010_005)	Ammonia, Copper, Dissolved oxygen, Enterococcus, Fecal coliform, Nickel, pH, Temperature, Zinc	None	3

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Yukon River (AK_R_9030512_009)	Aluminum, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lithium, Manganese, Nickel, Nitrate, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_7050513_010)	Alkalinity, Aluminum, Barium, Boron, Chloride, Copper, Dissolved oxygen, Iron, Manganese, Nitrate, Temperature, Turbidity, Zinc	None	3
Yukon River (AK_R_7050620_004)	Alkalinity, Aluminum, Barium, Boron, Chloride, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_7050621_003)	Alkalinity, Aluminum, Barium, Boron, Chloride, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_8040405_011)	Alkalinity, Aluminum, Arsenic, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Molybdenum, Nickel, Nitrate, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_8040418_005)	Alkalinity, Aluminum, Barium, Boron, Cadmium, Chloride, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Turbidity, Vanadium, Zinc	None	3
Yukon River (AK_R_9020401_007)	Alkalinity, Aluminum, Arsenic, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Molybdenum, Nickel, Nitrate, pH, Temperature, Turbidity, Vanadium, Zinc	None	3
Yukon River (AK_R_9020506_009)	Alkalinity, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_9020511_017)	Alkalinity, Aluminum, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_9020513_011)	Alkalinity, Barium, Chloride, Copper, Iron, Manganese, Nickel, Nitrate, pH, Temperature, Zinc	None	3
Yukon River (AK_R_9030115_005)	Alkalinity, Aluminum, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_9030411_006)	Alkalinity, Aluminum, Barium, Boron, Cadmium, Chloride, Copper, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_9030512_004)	Aluminum, Arsenic, Boron, Chromium, Cobalt, Copper, Iron, Lithium, Manganese, Nickel, pH, Temperature, Vanadium	None	3

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Yukon River (AK_R_9030519_024)	Alkalinity, Aluminum, Barium, Boron, Chloride, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3
Yukon River (AK_R_9030519_028)	Alkalinity, Aluminum, Barium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Dissolved oxygen, Iron, Lithium, Manganese, Nickel, Nitrate, pH, Temperature, Vanadium, Zinc	None	3

Category 2

Waterbody Name (Assessment Unit ID)	Parameter(s)	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Alsek River (AK_R_1040420_001)	Arsenic, Cadmium, Nickel, pH, Selenium	None	2
Caribou Creek (AK_R_8030906_008)	Chloride, Nitrate	None	2
Chena River (AK_R_8030609_003)	pH	None	2
Crooked Creek (AK_R_3050108_005)	Total dissolved solids (TDS)	None	2
Hess Creek (AK_R_8040408_003)	pH	None	2
Jordan Creek (AK_R_1030106-014)	Nickel, Zinc	None	2
Kuskokwim River (AK_R_3050101_006_001)	Lead	None	2
Little Poker Creek (AK_R_8030906_028)	Chloride, Nitrate	None	2
Little Susitna River (AK_R_2050512_016_003)	Total aromatic hydrocarbons	4B	2
North Fork Andreafski River (AK_R_9030506_001)	Alkalinity, Barium, Chloride, Dissolved oxygen, Zinc	None	2
Poker Creek (AK_R_8030906_039)	Chloride, Nitrate	None	2
Salmon River (AK_R_1010601_009)	Arsenic	None	2
Stikine River (AK_R_1020709_011)	Arsenic, Beryllium, Cadmium, Copper, Nickel, pH, Selenium, Total dissolved solids (TDS)	None	2
Taku River (AK_R_1030407_006)	Arsenic, Cadmium, Chloride, Copper, Lead, Mercury, Nickel, pH, Selenium, Zinc	3	2

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Taku River (AK_R_1030407_006)	Total dissolved solids (TDS)	None	2
Tanana River (AK_R_8030204_004)	pH	3	2
Tanana River (AK_R_8030713_008)	pH	None	2
Tanana River (AK_R_8030722_002)	pH	None	2
Tributary Creek (AK_R_1020408_006)	Alkalinity, Arsenic , Cadmium, Chromium, Copper , Nickel, Silver, Zinc	None	2
Unnamed Creek (to Poker Creek (AK_R_8030906_054)	Chloride, Nitrate	None	2
Unnamed Creek (Caribou Creek tributary) (AK_R_8030906_052)	Chloride, Nitrate	None	2
Unnamed Creek (Caribou Creek tributary) (AK_R_8030906_053)	Chloride, Nitrate	None	2
Unuk River (AK_R_1010504_005)	Arsenic , Copper , pH	3	2
Yukon River (AK_R_9030512_009)	Alkalinity, Chloride, Dissolved oxygen, pH	None	2
Yukon River (AK_R_7050513_010)	pH	None	2
Yukon River (AK_R_8040405_011)	pH	None	2
Yukon River (AK_R_9030512_004)	Alkalinity, Barium, Cadmium, Chloride, Dissolved oxygen, Nitrate, Zinc	None	2

Appendix B

The following waterbodies had new data and were evaluated for the 2022 Integrated Report, but no changes are proposed.

Category 5

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Herring Cove Beach (AK_B_1010205_001)	Enterococcus, Fecal coliform	5	5
Knudson Beach (AK_B_1010203_001)	Enterococcus, Fecal coliform	5	5
Little Susitna River (AK_R_2050512_016_003)	Turbidity	5	5
Mtn Pt Cultural Food Beach (AK_B_1010208_001)	Enterococcus, Fecal coliform	5	5
Refuge Cove Beach (AK_B_1010204_004)	Fecal coliform	5	5
Rotary Pool Beach (AK_B_1010204_007)	Enterococcus, Fecal coliform	5	5
Seaport Beach (AK_B_1010204_006)	Fecal coliform	5	5
Shull Beach (AK_B_1010204_002)	Enterococcus, Fecal coliform	5	5
South Point Higgins Beach (AK_B_1010204_001)	Fecal coliform	5	5
Sunset Beach (AK_B_1010204_003)	Enterococcus, Fecal coliform	5	5
Thomas Basin Beach (AK_B_1010204_005)	Enterococcus, Fecal coliform	5	5

Category 4

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Campbell Creek (AK_R_2040106_001)	Fecal coliform	4A	4A
Campbell Lake (AK_L_2040106_003)	Fecal coliform	4A	4A

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Chester Creek (AK_R_2040108_003)	Fecal coliform	4A	4A
Deadwood Creek (AK_R_8040108_008)	Turbidity	4A	4A
Dutch Harbor (AK_M_3010208_005)	Petroleum hydrocarbons	4A	4A
Fish Creek (AK_R_2040108_009)	Fecal coliform	4A	4A
Furrow Creek (AK_R_2040107_002)	Fecal coliform	4A	4A
Iliuliuk Harbor (AK_M_3010208_009)	Petroleum hydrocarbons	4A	4A
Jordan Creek (AK_R_1030106-014)	Dissolved oxygen	4A	4A
Jordan Creek (AK_R_1030106-014)	Debris, Sedimentation/Siltation	4A	4A
Ketchem Creek (AK_R_8040108_019_001)	Turbidity	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
Little Survival Creek (AK_R_2040107_007)	Fecal coliform	4A	4A
Pederson Hill Creek (AK_R_1030106_038)	Fecal coliform	4A	4A
Ship Creek (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)	Residues	4A	4A
Westchester Lagoon (AK_L_2040108_060)	Fecal coliform	4A	4A

Category 3

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Boyden Creek (AK_R_8030113_001)	Dissolved oxygen, pH	3	3
Caribou Creek (AK_R_2010102_001)	Alkalinity, Dissolved oxygen, pH	3	3

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Chena Slough (AK_R_8030609_004_001)	Temperature	3	3
Chester Creek (AK_R_2040108_003)	Dissolved oxygen, pH	3	3
Chokosna River (AK_R_2010320_001)	Alkalinity, Dissolved oxygen, pH	3	3
Copper Creek (AK_R_7050612_001)	Alkalinity, Dissolved oxygen, pH	3	3
Deadwood Creek (AK_R_8040108_008)	Arsenic	3	3
Eureka Creek (AK_R_8031018_005)	Alkalinity, Dissolved oxygen, pH	3	3
Gilahina River (AK_R_2010324_002)	Alkalinity, Dissolved oxygen	3	3
Hogan Creek (AK_R_8030811_007)	Alkalinity, Dissolved oxygen, pH	3	3
Igloo Creek (AK_R_8030811_003)	Alkalinity, Dissolved oxygen, pH	3	3
Kenai Beach Gull Rookery 1 (AK_B_2030218_001)	Fecal coliform	3	3
Kenai Beach Gull Rookery 2 (AK_B_2030218_005)	Fecal coliform	3	3
Kenai River (AK_R_2030214_007)	Iron	3	3
Kenai River (AK_R_2030218_002_001)	Copper, Zinc, Iron	3	3
Kenai River (AK_R_2030218_002_002)	Copper, Iron, Zinc	3	3
Ketchem Creek (AK_R_8040108_019_001)	Arsenic	3	3
Lake Creek (AK_R_8031018_009)	Alkalinity, Dissolved oxygen, pH	3	3
Little Campbell Creek (AK_R_2040106_004)	Dissolved oxygen, pH	3	3
Little Jack Creek (AK_R_8030113_005)	Alkalinity, Dissolved oxygen, pH	3	3
Little Stony Creek (AK_R_8031024_005)	Alkalinity, Dissolved oxygen, pH	3	3
Long Lake Creek (AK_R_2010323_009)	Alkalinity, Dissolved oxygen, pH	3	3
Mammoth Creek (AK_R_8040108_022)	Arsenic	3	3
Moose Creek (AK_R_8031018_010)	Alkalinity	3	3
Nabesna River (AK_R_8030114_004)	Alkalinity, Dissolved oxygen, pH	3	3

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North Kenai Beach (AK_B_2030218_002)	Enterococcus, Fecal coliform	3	3
Paco Creek (AK_R_8030113_011)	Alkalinity, Dissolved oxygen, pH	3	3
Port of Valdez (AK_M_2020111_005)	Dissolved oxygen, Residues	3	3
Rock Creek (AK_R_2010102_004)	Alkalinity	3	3
Rotary Park Beach (AK_B_1010204_008)	Enterococcus	3	3
Rufus Creek (AK_R_2010104_009)	Alkalinity, Dissolved oxygen, pH	3	3
Sanctuary River (AK_R_8030811_004)	Alkalinity, Dissolved oxygen, pH	3	3
Savage River (AK_R_8030810_005)	Alkalinity, Dissolved oxygen, pH	3	3
South Kenai Beach (AK_B_2030218_003)	Enterococcus, Fecal coliform	3	3
Stony Creek (AK_R_8031024_010)	Alkalinity, Dissolved oxygen, pH	3	3
Strelina Creek (AK_R_2010326_012)	Alkalinity, Dissolved oxygen, pH	3	3
Taku River (AK_R_1030407_006)	Alkalinity, Aluminum, Ammonia, Dissolved oxygen, Manganese, Nitrate/nitrite, Silver	3	3
Taku River (AK_R_1030407_006)	Antimony, Iron, Temperature	3	3
Tattler Creek (AK_R_8030811_006)	Alkalinity, Dissolved oxygen, pH	3	3
Trail Creek (AK_R_8030113_009)	Alkalinity, Dissolved oxygen, pH	3	3
Travertine Stream (AK_R_8031024_011)	Alkalinity, Dissolved oxygen, pH	3	3
Unanmed Creek (Wonder Lake inflow) (AK_R_8031018_019)	Alkalinity, Dissolved oxygen, pH	3	3
Unnamed creek (East Fork Toklat River tributary) (AK_R_8031025_003)	Alkalinity, Dissolved oxygen, pH	3	3
Unnamed creek (Gorge Creek tributary) (AK_R_8031014_020)	Alkalinity, Dissolved oxygen, pH	3	3
Unnamed creek (McKinley River tributary 1) (AK_R_8031014_021)	Alkalinity, Dissolved oxygen, pH	3	3
Unuk River (AK_R_1010504_005)	Aluminum, Dissolved oxygen, Iron, Manganese, Strontium, Thallium, Turbidity, Vanadium	3	3

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Warren Ames Bridge Beach (AK_B_2030218_004)	Fecal coliform	3	3
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Category 2

Waterbody Name (Assessment Unit ID)	Parameter	Previous Category (2020 Integrated Report)	Proposed Category (2022 Integrated Report)
Chalk Creek (AK_R_8030113_002)	Alkalinity, Dissolved oxygen, pH	2	2
Chena River (AK_R_8030609_003)	Sedimentation/Siltation	2	2
Chena Slough (AK_R_8030609_004_001)	Dissolved oxygen, pH, Turbidity	2	2
Chena Slough (AK_R_8030609_004_001)	Sedimentation/Siltation	2	2
Deadwood Creek (AK_R_8040108_008)	pH	2	2
Deadwood Creek (AK_R_8040108_008)	Dissolved oxygen	2	2
East Fork Toklat River (AK_R_8031025_001)	Alkalinity, Dissolved oxygen, pH	2	2
Gilahina River (AK_R_2010324_002)	pH	2	2
Hood/Spenard Lake (AK_L_2040108_063)	Dissolved oxygen saturation	2	2
Iliuliuk Bay (AK_M_3010208_008)	Petroleum hydrocarbons	2	2
Indian River (AK_R_1021211_002)	Dissolved oxygen, pH	2	2
Jack Creek (AK_R_8030113_003)	Alkalinity, Dissolved oxygen, pH	2	2
Kenai River (AK_R_2030218_002_001)	Cadmium, Chromium, Arsenic, Lead	2	2
Kenai River (AK_R_2030218_002_002)	Arsenic, Cadmium, Chromium, Lead	2	2
Ketchum Creek (AK_R_8040108_019_001)	pH	2	2
Ketchum Creek (AK_R_8040108_019_001)	Dissolved oxygen	2	2
Mammoth Creek (AK_R_8040108_022)	pH, Turbidity	2	2
Mammoth Creek (AK_R_8040108_022)	Dissolved oxygen	2	2

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Moose Creek (AK_R_8031018_010)	Dissolved oxygen, pH	2	2
Refuge Cove Beach (AK_B_1010204_004)	Enterococcus	2	2
Rock Creek (AK_R_2010102_004)	Dissolved oxygen, pH	2	2
Salmon River (AK_R_1030214_001)	Dissolved oxygen, pH	2	2
Seaport Beach (AK_B_1010204_006)	Enterococcus	2	2
Ship Creek (AK_R_2040104_002_001)	Petroleum hydrocarbons	2	2
South Point Higgins Beach (AK_B_1010204_001)	Enterococcus	2	2
Taiya River (AK_R_1030301_003)	Dissolved oxygen, pH	2	2
Unuk River (AK_R_1010504_005)	Alkalinity, Ammonia, Barium, Beryllium, Cadmium, Lead, Lithium, Molybdenum, Nickel, Selenium, Silver, Total dissolved solids (TDS), Zinc	2	2
Unuk River (AK_R_1010504_005)	Antimony, Boron, Chromium, Cobalt, Cyanide, Nitrate/nitrite, Uranium	2	2
Ward Cove (AK_M_1010204_008)	Dissolved oxygen	2	2
Ward Cove (AK_M_1010204_008)	Organic enrichment	2	2

Appendix C

2020 Approved Integrated Report Impaired Waters

Category 5

Waterbody Name (Assessment Unit ID)	Parameter
Beacon Hill Beach (AK_B_1010203_002)	Fecal coliform
Egegik River (AK_R_3020311_001_001)	Petroleum hydrocarbons
Herring Cove Beach (AK_B_1010205_001)	Fecal coliform, Enterococcus
Katlian River (AK_R_1021212_004_001)	Sedimentation/siltation, Turbidity
Kimshan Cove (AK_M_1021115_007)	Copper, Mercury, Lead, Arsenic
Knudson Cove Beach (AK_B_1010203_001)	Fecal coliform, Enterococcus
Kuskokwim River (Red Devil) (AK_R_3050101_006_008)	Arsenic, Antimony, Mercury
Little Susitna River (AK_R_2050512_016_003)	Turbidity, Total aromatic hydrocarbons
Mountain Point Cultural Food Beach (AK_B_1010208_001)	Fecal coliform, Enterococcus
Red Devil Creek (2) (AK_R_3050101_009)	Antimony, Arsenic, Mercury
Refuge Cove Beach (AK_B_1010204_004)	Fecal coliform
Rotary Pool (AK_B_1010204_007)	Fecal coliform, Enterococcus
Salt Chuck Bay (AK_M_1010305_021)	Copper
Seaport Beach (AK_B_1010204_006)	Fecal coliform
Shull Beach (AK_B_1010204_002)	Fecal coliform, Enterococcus
South Point Higgins Beach (AK_B_1010204_001)	Fecal coliform
Sunset Beach (AK_B_1010204_003)	Fecal coliform, Enterococcus
Thomas Basin Harbor (AK_B_1010204_005)	Fecal coliform, Enterococcus

Category 4a

Waterbody Name (Assessment Unit ID)	Parameter
Akutan Harbor (AK_M_3010207_004)	Residues
Big Lake (AK_L_2040105_008_001)	Petroleum hydrocarbons
Birch Creek (Ikhèenjik River) (AK_R_8040102_012_002)	Turbidity
Campbell Creek (AK_R_2040106_001)	Fecal coliform
Campbell Lake (AK_L_2040106_003)	Fecal coliform
Chester Creek (AK_R_2040108_003)	Fecal coliform
Cottonwood Creek (AK_R_2040108_004_001)	Fecal coliform
Crooked Creek Watershed: Boulder Creek (AK_R_8040108_006)	Turbidity
Crooked Creek Watershed: Crooked Creek (AK_R_8040108_007_002)	Turbidity

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Crooked Creek Watershed: Deadwood Creek (AK_R_8040108_008)	Turbidity
Crooked Creek Watershed: Ketchem Creek (AK_R_8040108_019_001)	Turbidity
Duck Creek (AK_R_1030106_036)	Debris, Dissolved oxygen, Fecal coliform, Iron, Turbidity
Dutch Harbor (AK_M_3010208_005)	Petroleum hydrocarbons
Fish Creek (Anchorage) (AK_R_2040108_009)	Fecal coliform
Furrow Creek (AK_R_2040107_002)	Fecal coliform
Garrison Slough (AK_R_8030710_002_001)	Polychlorinated biphenyls (PCBs)
Goldstream Creek (AK_R_8030907_014_001)	Turbidity
Hawk Inlet (AK_M_1020408_002)	Cadmium, Copper, Lead, Mercury, Zinc in sediment
Herring Cove, of Silver Bay (AK_M_1021211_010)	Debris
Iliuliuk Harbor (AK_M_3010208_009)	Petroleum hydrocarbons
Jordan Creek (AK_R_1030106_014)	Debris, Dissolved oxygen, Sedimentation/siltation
Klag Bay (AK_M_1021116_020)	Arsenic, Cobalt, Copper, Lead, Manganese, Mercury, Silver, Zinc
Lake Lucille (AK_L_2040105_036)	Dissolved oxygen, Contaminated sediments (PAH), Lead and zinc in sediment
Lemon Creek (AK_R_1030106_017_001)	Sedimentation/siltation, Turbidity
Little Campbell Creek (AK_R_2040106_004)	Fecal coliform
Little Rabbit Creek (AK_R_2040107_003_001)	Fecal coliform
Little Survival Creek (AK_R_2040107_007)	Fecal coliform
Matanuska River (AK_R_2040207_013_002)	Debris
Noyes Slough (AK_R_8030609_017)	Debris, Petroleum hydrocarbons
Pederson Hill Creek (AK_R_1030106_038)	Fecal coliform
Pullen Creek (AK_R_1030302_007)	Cadmium, Copper, Lead, Zinc
Red Lake-Anton Road Pond (AK_L_2070115_036)	Iron, Manganese
Ship Creek-Glenn Hy. Bridge Down to Mouth (AK_R_2040104_002_001)	Fecal coliform
Silver Bay (AK_M_1021211_020)	Ammonida, Debris, Hydrogen sulfide, 4-methylphenol
Skagway Harbor (AK_M_1030305_003)	Petroleum hydrocarbons
Slate Creek (AK_R_8031018_015)	Antimony, Arsenic, Iron
South Unalaska Bay (AK_M_3010208_022)	Biochemical oxygen demand (BOD), Residues
Thorne Bay (AK_M_1010303_014)	Debris
University Lake (AK_L_2040108_055)	Fecal coliform
Upper Birch Creek drainage: Eagle Creek (AK_R_8040102_006)	Turbidity

Upper Birch Creek drainage: Gold Dust Creek (AK_R_8040102_009)	Turbidity
Vanderbilt Creek (AK_R_1030106_037)	Sedimentation/siltation, Turbidity
Ward Cove (AK_M_1010204_008)	Residues
Westchester Lagoon (AK_L_2040108_060)	Fecal coliform

Category 4b

Waterbody Name (Assessment Unit ID)	Parameter
Cabin Creek (AK_R_8030112_008)	Arsenic, Cadmium, Copper, Iron, Manganese
Cold Bay (AK_M_3010122_001)	Petroleum hydrocarbons
Eleanor Island (AK_B_2020302_003)	Petroleum hydrocarbons
Eleanor Island (AK_B_2020302_003)	Petroleum hydrocarbons
EVOS beach (mainland) (AK-20202-811)	Petroleum hydrocarbons
EVOS beach (mainland) (AK-20202-811)	Petroleum hydrocarbons
EVOS beach (Marsha Bay, Knight Island) (AK-20202-815)	Petroleum hydrocarbons
EVOS beach (Marsha Bay, Knight Island) (AK-20202-815)	Petroleum hydrocarbons
EVOS beach (N Disk Island) (AK-20202-818)	Petroleum hydrocarbons
EVOS beach (N Disk Island) (AK-20202-818)	Petroleum hydrocarbons
EVOS beach (N Elrington Island) (AK-20202-802)	Petroleum hydrocarbons
EVOS beach (N Elrington Island) (AK-20202-802)	Petroleum hydrocarbons
EVOS beach (N Green Island) (AK-20202-816)	Petroleum hydrocarbons
EVOS beach (N Green Island) (AK-20202-816)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 4) (AK_B_2020303_003)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 5) (AK_B_2020303_004)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 6) (AK-20202-808)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 6) (AK-20202-808)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 7) (AK-20202-809)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 7) (AK-20202-809)	Petroleum hydrocarbons
EVOS beach (N LaTouche Island 8) (AK_B_2020303_005)	Petroleum hydrocarbons
EVOS beach (N Smith Island) (AK_B_2020302_026)	Petroleum hydrocarbons
EVOS beach (N Smith Island) (AK_B_2020302_026)	Petroleum hydrocarbons
EVOS beach (NE Evans Island 2) (AK-20202-819)	Petroleum hydrocarbons
EVOS beach (NE Evans Island 2) (AK-20202-819)	Petroleum hydrocarbons
EVOS beach (NE Evans Island 3) (AK_B_2020303_001)	Petroleum hydrocarbons
EVOS beach (NE Evans Island 3) (AK_B_2020303_001)	Petroleum hydrocarbons

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EVOS beach (NE Evans Island 4) (AK-20202-821)	Petroleum hydrocarbons
EVOS beach (NE Evans Island 4) (AK-20202-821)	Petroleum hydrocarbons
EVOS beach (NE Knight Island) (AK-20202-812)	Petroleum hydrocarbons
EVOS beach (NE Knight Island) (AK-20202-812)	Petroleum hydrocarbons
EVOS beach (NE LaTouche Island 1) (AK_B_2020303_002)	Petroleum hydrocarbons
EVOS beach (NE Seal Island) (AK-20202-817)	Petroleum hydrocarbons
EVOS beach (NE Seal Island) (AK-20202-817)	Petroleum hydrocarbons
EVOS beach (NW LaTouche Island 2) (AK-20202-804)	Petroleum hydrocarbons
EVOS beach (NW LaTouche Island 2) (AK-20202-804)	Petroleum hydrocarbons
EVOS beach (NW LaTouche Island 3) (AK-20202-805)	Petroleum hydrocarbons
EVOS beach (NW LaTouche Island 3) (AK-20202-805)	Petroleum hydrocarbons
EVOS beach (Rua Cove, Knight Island) (AK-20202-813)	Petroleum hydrocarbons
EVOS beach (Rua Cove, Knight Island) (AK-20202-813)	Petroleum hydrocarbons
EVOS beach (SE Knight Island) (AK-20202-814)	Petroleum hydrocarbons
EVOS beach (SE Knight Island) (AK-20202-814)	Petroleum hydrocarbons
Popof Strait (AK_M_3010115_017)	Residues
Silver Bay 2 (AK_M_1021211_020_001)	Residues