

Environmental Conservation

| 18 AAC 70.236(b) | | WATERSHED NUMBER* | LATITUDE LONGITUDE** | LOCATION | REACH OF WATER AFFECTED | WATER QUALITY PARAMETER | DESIGNATED USE CLASS AFFECTED | SITE-SPECIFIC CRITERIA |
|-------------------------|-----------|---|--|---|--------------------------------|--|---|-------------------------------|
| (1) Camp Creek | 19010301* | 58°51'150" N. 135°08'30" W Set at the downstream end of the affected river reach. | 45 miles north of Juneau on Lynn Canal | Camp Creek below discharge from Kensington Mine dry tailings facility to tidewater (approximately 1,000 feet) | Dissolved inorganic substances | (1)(A)(i) | Total dissolved solids (TDS) from all sources may not exceed 1,000 mg/l. Chlorides may not exceed 200 mg/l. Sulfates associated with magnesium and sodium may not exceed 200 mg/l. TDS may not exceed 1,000 mg/l. TDS may not exceed 1,000 mg/l. TDS may not exceed 300 mg/l. | |
| (2) Gold Creek | 15049900* | Beginning at: 58°18'26" N 134°22'43" W Ending at 58°17'57" N 134°25'05" W 58°52'08" N 135°08'22" W Set at the downstream end of the | Juneau | Downstream from Gold Creek drainage tunnel to Gastineau Channel | Dissolved inorganic substances | (1)(A)(iii) (1)(C) (1)(A)(iii) | TDS may not exceed 1,000 mg/l. TDS may not exceed 300 mg/l. | |
| (3) Sherman Creek | 19010301* | Set at the downstream end of the | 45 miles north of Juneau on Lynn Canal | Sherman Creek below discharge of Kensington Mine adit drainage to tidewater (approximately | Dissolved inorganic substances | (1)(A)(i) | Total dissolved solids (TDS) from all sources may not exceed 1,000 mg/l. Chlorides may not exceed 200 mg/l. | |

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| | | | affected river reach. | | 1.5 miles) | | | Sulfates associated with magnesium and sodium may not exceed 200 mg/l. TDS may not exceed 1,000 mg/l. TDS may not exceed 1,000 mg/l. |
| (4) Cook Inlet | 19020401* | 61°12'22.5" N 150°01'8.7" W (end of outfall pipe for Municipality of Anchorage wastewater treatment plant) | Vicinity of Point Woronzof, Anchorage | see footnote*** | Arsenic**** | (1)(A)(iii) (1)(C) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) | measured as dissolved metal 9.3 µ/l (chronic) 42 µ/l (acute) measured as dissolved metal 50 µ/l (chronic) 1100 µ/l (acute) measured as dissolved metal 3.1 µ/l (chronic) 4.8 µ/l (acute) measured as dissolved metal 8.1 µ/l (chronic) 210 µ/l (acute) measured as dissolved metal 0.025 µ/l (chronic) 1.8 µ/l (acute) | |
| | | | | | | Cadmium**** | | |
| | | | | | | Chromium VI**** | | |
| | | | | | | Copper**** | | |
| | | | | | | Lead**** | | |
| | | | | | | Mercury**** | | |

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| TYPE/NAME | | | | | | | | |
| (5) Red Dog Creek Main Stem | 19050404* | 68°05'23" N 162°56'48" W | Near Red Dog Mine | Red Dog Creek from the con- fluence of the Middle fork and North fork to the confluence of Red Dog Creek and Ikalukrok | Nickel***** Selenium***** Silver***** Zinc***** Turbidity | (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) (2)(A)(i), (2)(A)(ii) (2)(B)(i) (2)(C) & (2)(D) | measured as dissolved metal 8.2 µ/l (chronic) 74 µ/l (acute) measured as dissolved metal 71 µ/l (chronic) 290 µ/l (acute) measured as dissolved metal 1.9 µ/l (acute) measured as dissolved metal 81 µ/l (chronic) 90 µ/l (acute) measured as dissolved metal May not exceed the natural condition | |
| | | | | | Dissolved inorganic substances | (2)(C) & (2)(D) (1)(C) | Total dissolved solids (TDS), with calcium greater than 50% by weight of the total cations, may not exceed 1,500 mg/l, | |

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| | | | Creek | | | For TDS with calcium less than or equal to 50% by weight of the total cations, the statewide standard in 18 AAC 70.020(b)(4)(C) applies. |