

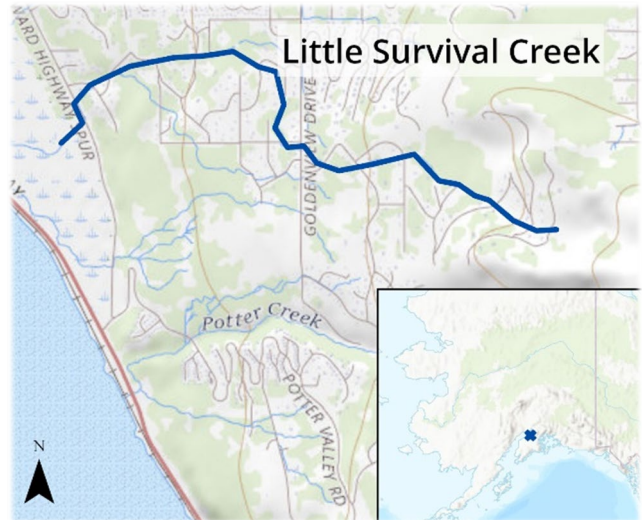


# Category 2 Summary

## Little Survival Creek Summary

### Abstract

The analysis of fecal coliform samples collected at Little Survival Creek in 2020-2021 indicate attainment of Alaska Water Quality Standards for Bacteria, for freshwater uses. Little Survival Creek is currently listed as impaired in Category 4a for all bacteria freshwater uses. The Alaska Department of Environmental Conservation recommends moving Little Survival Creek to Category 2 for fecal coliform in the 2024 Integrated Report.



*Table 1. Current waterbody status and applicable water quality standard<sup>1</sup>*

<b>Assessment Unit Name</b>	<b>Little Survival Creek</b>
<b>Assessment Unit ID</b>	AK_R_2040107_007
<b>2024 Parameter</b>	Fecal coliform
<b>Category Change</b>	4a to 2
<b>Water Quality Standard</b>	Bacteria, for freshwater uses
<b>(A) Water Supply (i) drinking, culinary, and food processing</b>	In a 30-day period, the geometric mean may not exceed 20 fecal coliform/100 ml, and not more than 10% of the samples may exceed 40 fecal coliform/100 ml. For groundwater, the fecal coliform concentration must be less than 1 fecal coliform/100 ml, using the fecal coliform Membrane Filter Technique, or less than 3 fecal coliform/100 ml, using the fecal coliform most probable number (MPN) technique.

<sup>1</sup> See 18 AAC 70 Water Quality Standards, page 15 for complete list of designated uses and criteria for bacteria, the Drinking Water criteria is the most conservative.

## Results

### Little Survival Creek

In 2020 and 2021 a total of 12 fecal coliform samples were collected. Calculated geomeans were below the 20 CFU/100mL Drinking Water geomean criteria. There were no exceedances of the 40 CFU/100mL Drinking Water criteria in either sample years.

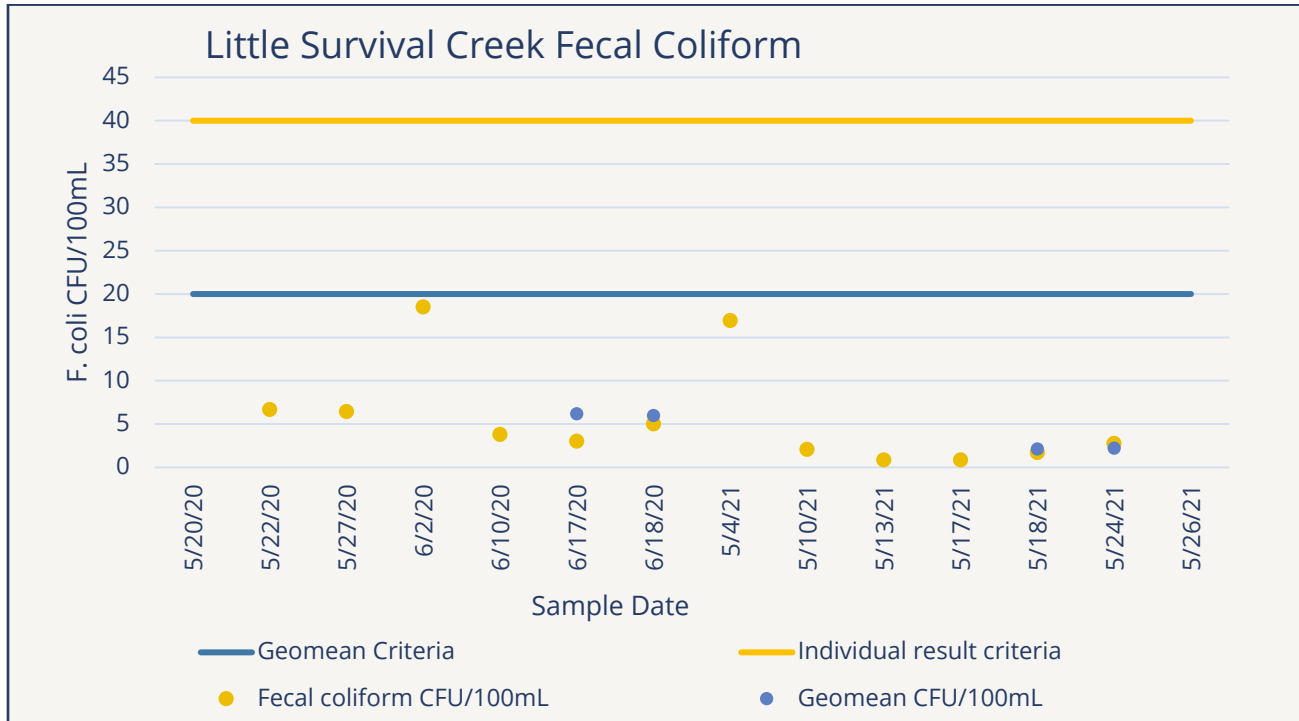


Figure 1. Little Survival Creek fecal coliform sample results and criteria