

	2020-21 Ketchikan Off-Season Bacteria Monitoring - Analytical Data Results																							
	Knudson Cove		S Pt Higgins		Shull		Sunset		S Refuge Cove		Thomas Basin		Seaport		Rotary Pool		Rotary Beach		Mountain Point Cultural Food		Mountain Point Surprise Beach		Herring Cove	
Sample Date	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero	FC	Entero
19-Oct-2020	18	<10	22	10	18	10	15	<10	18	52	26	10	3	41	32	52	5	<10	84	142	27	31	9	<10
4-Nov-2020	18	<10	20	<10	10	20	38	20	21	31	42	10	6	20	95	20	20	<10	15	31	14	<10	17	31
7-Dec-2020	3	<10	12	10	6	10	22	63	11	41	11	73	7	40	73	20	25	20	24	<10	15	10	6	<10
20-Jan-2021	96	<10	3	<10	6	<10	8	<10	10	10	11	10	9	<10	13	31	5	<10	35	74	6	<10	2	<10
18 AAC 70 Alaska Water Quality Standards (amended as of March 5, 2020) - (14) Bacteria, For Marine Water Uses																								
(B) Water Recreation (i) contact recreation	In a 30-day period, the geometric mean of samples may not exceed 35 enterococci CFU/100 ml, and not more than 10% of the samples may exceed a STV of 130 enterococci CFU/100 ml.																							
(B) Water Recreation (ii) secondary recreation	In a 30-day period, the geometric mean of samples may not exceed 200 fecal coliform/100 ml, and not more than 10% of the samples may exceed 400 fecal coliform/100 ml.																							
(D) Harvesting for Consumption of Raw Mollusks or Other Raw Aquatic Life (most stringent)	The geometric mean of samples may not exceed 14 fecal coliform/100 ml; and not more than 10% of the samples may exceed; 31 CFU per 100 ml for a membrane filtration test.																							
FC = fecal coliform bacteria	Tides focus is on either side of low tide, using ebb and flow stages																							
Entero = enterococci	STV - statistical threshold value					MPN - most probable number																		