

	2020 Ketchikan BEACH 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
21-May	12 (18)	30 (30)	53	51	8	10	18	94	5	<10	30	31	48	10	9	20	26	10	4	<10	4	40	65	10
27-May	7	10	8 (5)	10 (<10)	24	<10	31	83	<1	<10	16	10	5	<10	5	<10	6	<10	10	<10	11	<10	33	<10
3-Jun	8	<10	109	160	51 (73)	10 (51)	23	30	24	20	30	10	11	<10	144	617	17	20	4	<10	22	10	32	30
9-Jun	5	<10	16	74	20	<10	21 (16)	231 (309)	4	<10	23	52	<10	10	97	171	4	<10	6	10	5	10	32	63
17-Jun	39	<10	32	332	46	20	8	10	3 (5)	10 (<10)	33	<10	6	<10	20	10	12	<10	7	<10	19	<10	26	<10
22-Jun	70	10	343	20	CG	96	12	20	9	20	96 (103)	106 (62)	5	20	88	3448	17	192	21	10	16	20	39	30
3-Jul	5	<10	122	75	4	<10	41	<10	30 (3)	<10 (<10)	28	<10	6	<10	CG	30	18	20	22	41	16	41	46	<10
6-Jul	3	<10	34	<10	12	10	18	20	33	41	21	20	7	<10	4 (CG)	41 (71)	23	<10	28	<10	35	10	82	<10
13-Jul	23	20	<1	<10	3	<10	7	10	6	10	168	41	10	10	2	<10	8 (11)	<10 (10)	12	10	2	10	15	<10
22-Jul	31	31	437	2235	18	<10	68	20	9	10	19	<10	15	10	75	31	18	<10	82	121	24 (25)	<10 (20)	101	20
27-Jul	77	10	14	<10	14	20	20	10	6	<10	55	52	16	<10	507	51	20	10	12 (5)	10 (<10)	4	<10	13	10
4-Aug	12	<10	62	92	194	40	210	41	16	<10	324	620	152	155	436	323	58	52	124	109	106	41	464 (452)	706 (613)
11-Aug	8 (8)	<10 (10)	6	<10	8	<10	12	<10	<2	<10	26	10	10	<10	14	<10	4	<10	406	85	42	<10	136	30
18-Aug	202	97	154 (144)	63 (30)	224	160	300	10	42	31	190	241	36	10	132	31	60	<10	163	119	52	41	250	246
25-Aug	31	10	8	<10	64 (48)	<10 (<10)	14	10	9	<10	166	41	8	10	59	10	6	<10	85	20	26	<10	239	41
1-Sep	90	10	56	<10	122	10	40 (32)	<10 (<10)	44	<10	260	10	12	31	110	30	46	30	26	31	28	<10	194	134
9-Sep	188	52	74	10	78	30	<2	10	10 (18)	20 (20)	42	<10	4	20	12	213	10	<10	112	31	18	10	22	10
17-Sep	18	<10	18	10	32	<10	24	<10	28	20	166	20	6	<10	10	20	14	10	114	144	28	10	434	350

18 AAC 70 Alaska Water Quality Standards (amended as of April 6, 2018) - (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.	
Tides focus is on either side of low tide, using ebb and flow stages	STV - statistical threshold value	() shows duplicate results
FC = fecal coliform bacteria	CFU - colony forming units	CG - Confluent Growth
Entero = enterococci	MPN - most probable number	