Table B-5
Results fo

Site Name

Knutson Ba

Median

Northeast E

Median

Pile Bay

Median

Roadhouse

Median

Upper Tala

Median

Notes:

a.

b.

c.

d.

e.

f.

r Ambient Water Parameters, Iliamna Lake Study, 2005 through 2007

Sample Month
May
Jun
Jul
Aug
Sept
Oct
May
Jun
Jul
Aug
Sept
Oct
May
Jun
Jul
Aug
Sept
Oct
May
Jun
Jul
Aug
Sept
Oct
May
Jun
Jul [f]
Aug
Sept [g]
Oct

Each value is the median of two Secchi readings. If substrate was visible, the depth represents the substrate depth at this site.
Three turbidity readings were taken at each site at the same depths from which samples were collected.
Each value represents the median of values for all depths.
Median of only two readings.
Only one reading.
Water quality samples were taken, but field parameters were not taken because of weather conditions.

Total Depth		Secchi Median [a] (depth in meters)		Turbidity (NTU) [b,c]		Temp. (°C) [c]		Spec. (mS/
2005	2007	2005	2007	2005	2007	2005	2007	2005
8	17.5	6	12.3	0.40[d]	0	4.26	3.82	0.035
15	15	12.5	15	0.25	0.42	7.9	5.5	0.038
16	13	—	12.8	0.29	0.26	12.46	12.5	0.046
19	20	9	12.8	0.31	0.32	14.36	10.87	0.032
15	16	11.5	13.3	0.57	0.36	10.21	9.41	0.042
19	10	13.5	—	0.29	0.24	8.86	8.14	1.416
15.5	15.5	11.5	12.8	0.29	0.28	10.2	9.41	0.042
11	11	—	8	0.35[e]	1	7.48	6.01	0.044
11	12	8.7	9.5	0.25	0.37	7.97	7.36	0.043
11	11	9.8	10.8	0.32	0.32	13.44	12.29	0.043
12	11	9.5	11	0.66	0.43	14.32	12.16	0.038
12	11	8.3	6.5	0.85[d]	1.02	10.32	10.81	0.045
12	13	9.3	9.5	0.61	0.58	8.3	7.61	0.045
11.5	11	9.3	9.5	0.52	0.59	10.32	8.87	0.044
16	20	—	11.3	0.34	1	4.1	4.15	0.04
17	20	8.1	13	0.72	0.31	4.98	4.39	0.037
20	17	—	11.3	0.54	0.45	10.51	11.62	0.043
20	17	8.8	17	0.39	0.58	13.84	5.3	0.034
19	20	9.5	12.1	0.76	0.36	10.06	9.93	0.042
14	20	12.5	12.3	0.49	0.42	8.81	8.78	—
18	20	9.1	12.2	0.54	0.44	9.85	6.62	0.04
10	11	9.5	8.5	0.31	1	8.15	5.31	0.043
12	11	9.3	10.3	0.32	0.38	10.6	6.54	0.043
10	10	11.3	9.5	0.3	0.36	12.32	10.74	0.043
10	10	8.5	10.5	0.61	0.39	14.88	12.3	0.037
13	11	7.6	6.5	0.74	0.91	10.17	10.76	0.088
12	11	9	9	0.56	0.65	7.42	6.78	0.046
11	11	9.1	9.3	0.47	0.62	10.17	7.89	0.044
13	14	10.2	10.8	0.35	0	6.96	4.01	0.044
14	11	7.9	8.5	0.76	0.4	7.3	6.47	0.044
13	9	10.8	—	0.31	0.26	10.81	—	0.038
14	13	11.5	9	0.35	1.44	13.42	12.35	0.034
—	11	—	—	—	—	—	10.64	—
15	14	9	10.3	0.5	0.46	8.12	8.33	0.045
14	12	10.2	9.6	0.35	0.4	8.12	8.33	0.044

Cond.	DO		DO		pH [c]		ORP	
cm) [c]	(%) [c]		(mg/L) [c]				(mV) [c]	
2007	2005	2007	2005	2007	2005	2007	2005	2007
0.041	108.5	101.2	14.13	13.31	6.62	6.45	38.25	256
0.034	111.1	106	13.22	13.39	6.79	6.68	25.4	148.45
0.042	105.7	76.5	11.29	8.19	7.67	7.18	30	116.55
0.043	93.1	68.4	9.32	7.56	6.97	6.95	244.2	232.3
0.043	111.9	85.1	12.56	9.73	6.72	7.06	195.3	149.1
0.044	90.5	64.3	10.45	7.59	—	7.12	-163.5	73.75
0.042	105.7	82.8	11.29	9.48	6.87	6.96	34.6	159.1
0.047	114	90.3	13.63	11.27	6.82	6.58	41.2	272.35
0.045	115.6	109.6	13.83	13.2	6.83	7.28	9.6	145.8
0.048	83.9	103.7	8.75	11.09	6.75	7.12	228.1	157
0.047	99.4	68.1	10.21	7.31	7.36	6.75	210.3	230.35
0.05	109.2	84.2	12.23	9.32	6.93	7	142.7	126.35
0.048	86.4	64.6	10.16	7.73	—	6.89	247.1	72.7
0.047	100.3	87.1	10.53	10.01	6.9	6.99	153.6	149.95
0.043	106.9	101.8	13.99	13.3	6.32	5.86	69.75	134.4
0.042	105.5	101.9	13.49	13.23	6.49	6.69	-44.75	269.3
0.043	106.7	76.2	11.9	8.31	5.3	7.07	195.5	113.4
0.045	92.7	67.4	9.57	8.53	7.29	6.41	228.15	252.8
0.045	111.3	78.3	12.56	8.85	7.11	6.87	220.8	64.1
0.044	89.3	63.6	10.31	7.39	—	6.91	-109.85	85.25
0.043	106.2	77.8	12.42	8.77	6.62	6.82	168.55	131.1
0.047	114.6	89.8	13.53	11.31	6.9	6.67	123.2	272.8
0.046	114.2	109.8	12.53	13.48	7.1	7.25	12.8	173.25
0.047	84	106.4	8.99	11.87	6.77	6.49	201.5	20.7
0.047	95.7	67.6	9.71	7.24	7.36	6.68	214.5	237.1
0.05	108.1	83	12.15	9.21	7.06	7	159.4	160.45
0.046	87.1	65.2	10.48	7.97	—	6.8	191.2	79.2
0.047	106.2	88.5	11.9	10.75	7	6.94	161.8	168.7
0.046	113	89.4	13.72	11.72	6.96	6.47	115.6	319
0.048	112.1	60.2	13.5	7.38	7.04	7.07	16.5	224.95
—	80.4	—	8.88	—	6.78	—	170.7	—
0.048	95.3	67.5	9.94	7.22	7.11	6.08	260.75	43.15
0.046	—	79.6	—	8.86	—	6.6	—	71.95
0.047	87.3	64.7	10.35	7.62	—	6.91	203.2	83.5
0.046	94.8	67.5	10.34	7.62	7.02	6.64	170.45	136.75

g.

— = no mea

DO = dis

mg/L = n

Field parameters taken, but water quality samples were not taken because of weather conditions.

surements taken.

solved oxygen

milligrams per liter.

mS/cm = milliSiemens per centimeter.

ORP = oxidation reduction potential.

mV = millivolt(s).

NTU = nephelometric turbidity unit(s).