

Sample Site (Con't): HL1

Sample Date (Con't): AUG 19 2016

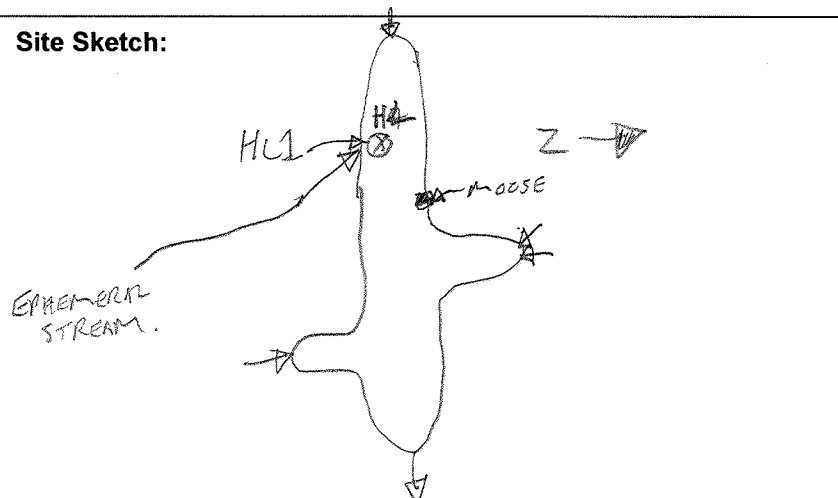
Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)										
Temperature (°C)										
pH (pH Units)										
Cond. (µs/cm)										
Specific Cond. (µs/cm)										
Salinity (ppt)										
Redox (mV)										
DO (mg/L)										
DO (%)										
Time Logged on YSI										

General Notes:

BOAT MOVING AROUND IN THE
WIND. SOME PARAMETERS
GOING UP AND DOWN.

ORP DECREASED QUICKLY BETWEEN
8 AND 9 M.

Site Sketch:



LAKE PROFILE COLLECTION SHEET

Sample Site:	HL2	Project Number:	16-2403	Date:	AUG 19 2016
UTM Coordinates	ZONE 0511927 N 7147157	Client:	Yukon Government (AAM)	Samplers:	GR + N13
Waypoint	GPS GR Name HL2	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Wind Direction:	~16°C CLOUDING OVER LIGHT WIND
Photos	Cam GR Nos. 7152-7155			Depth to Bottom:	~19.25m
Start Time	(hh:mm) 1108	Unit Used:	YSI PRO PLUS		
End Time	(hh:mm) 1252				

EMERGENCY.
↓
CHANGED TO SW/W

Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)	0.15	1	2	3	4	5	6	7	8	9
Temperature (°C)	13.46	11.9	9.8	8.7	6.6	4.9	3.7	3.3	3.0	2.3
pH (pH Units)	7.89	7.89	7.82	7.72	7.46	7.32	7.33	7.33	7.34	7.38
Cond. (µs/cm)	347.50	329.8	324.6	328.9	402.4	455.9	454.2	455.7	462.8	530
Specific Cond. (µs/cm)	440.9	440.1	457.4	477.1	621.4	740.0	765.6	777.4	797.0	937
Salinity (ppt)	0.21	0.21	0.22	0.23	0.30	0.36	0.37	0.38	0.39	0.46
Redox (mV)	2183.0	87.8	92.7	97.3	108.7	110.5	109.7	107.5	102.8	-70.3
DO (mg/L)	9.50	9.18	9.55	8.97	3.36	0.46	0.11	0.09	0.11	0.09
DO (%)	84.1	84.1	84.1	77.0	27.5	3.6	0.8	0.8	0.8	0.7
Time Logged on YSI	1131	1136	1139	1144	1148	1151	1155	1157	1203	1216

Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)	10	11	12	13	14	15	16	17	18	19.25
Temperature (°C)	2.0	1.8	1.7	1.6	1.6	1.5	1.3	1.2	1.0	1.0
pH (pH Units)	7.38	7.37	7.36	7.35	7.35	7.34	7.35	7.36	7.37	7.36
Cond. (µs/cm)	571	587	596	603	606	613	656	664	714	715
Specific Cond. (µs/cm)	1013	1056	1073	1089	1095	1113	1197	1216	1318	1321
Salinity (ppt)	0.50	0.52	0.53	0.53	0.54	0.55	0.59	0.60	0.65	0.65
Redox (mV)	-106.9	-115.8	-116.6	-119.6	-119.9	-121.3	-124.5	-126.0	-128.2	-130.3
DO (mg/L)	0.08	0.09	0.10	0.09	0.12	0.14	0.16	0.20	0.28	0.34
DO (%)	0.6	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.9	2.4
Time Logged on YSI	1226	1231	1234	1237	1239	1242	1244	1246	1249	1252

BOTTOM

↑
RAIN.

RAIN STOPPED @ 1230

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GETTING WINDY BEFORE 3(N)

Sample Site (Con't): HLZ

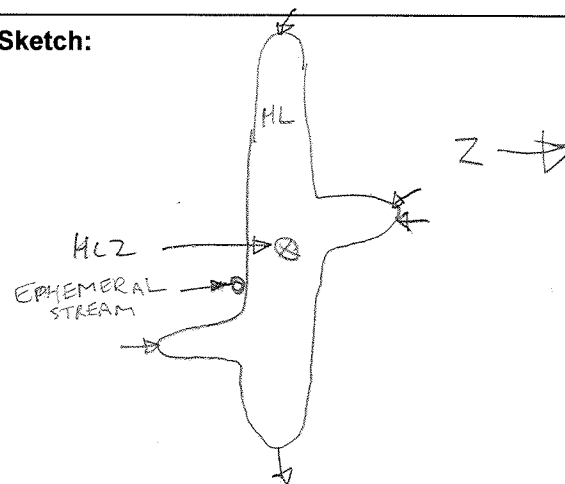
Sample Date (Con't): AUG 19 2016

Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)										
Temperature (°C)										
pH (pH Units)										
Cond. (µs/cm)										
Specific Cond. (µs/cm)										
Salinity (ppt)										
Redox (mV)										
DO (mg/L)										
DO (%)										
Time Logged on YSI										

General Notes:

Bear seen on shore of western end of lake (BLACK).

Site Sketch:



LAKE PROFILE COLLECTION SHEET

Sample Site:	HL3	Project Number:	16-240.3	Date:	Aug 19 2016
UTM Coordinates	2074E 0512469 N 7147187	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS Point Name HL3	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Wind Direction:	Ø WIND. PART CLOUDY. 11°C
Photos	Cam Serial Nos. 7147-7150			Depth to Bottom:	~24.9m
Start Time	(hh:mm) 0841	Unit Used:	YSI PRO PLUS WITH WEIGHTS		
End Time	(hh:mm) 1100				

Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)	0.15	1	2	3	4	5	6	7	8	9
Temperature (°C)	12.7	12.7	10.7	8.5	6.4	4.3	3.5	3.3	3.0	2.5
pH (pH Units)	7.81	7.82	7.76	7.63	7.31	7.25	7.24	7.26	7.29	7.29
Cond. (µs/cm)	336.1	336.4	323.2	331.9	413.9	455.9	453.6	454.8	462.2	521
Specific Cond. (µs/cm)	439.5	440.6	444.4	484.7	642.6	755.0	769.6	776.2	797.1	914
Salinity (ppt)	0.21	0.21	0.22	0.24	0.31	0.37	0.37	0.38	0.39	0.45
Redox (mV)	171.0	171.0	175.3 179.9	184.5	187.2	180.7	172.1	152.3	109 -19.1	
DO (mg/L)	9.30	9.02	84.3 9.31 8.13	2.83	0.28	0.11	0.12	0.12	0.12	0.12
DO (%)	87.2	84.5	84.3	69.5	23.1	2.2	0.9	1.1	1.0	0.9
Time Logged on YSI	8:45	8:47	0851	0855	09:01	0903	0911	0920	0930	9:43

Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)	10	11	12	13	14	15	16	17	18	19
Temperature (°C)	2.2	1.8	1.8	1.7	1.5	1.5	1.4	1.2	1.1	1.0
pH (pH Units)	7.30	7.33	7.36	7.42	7.42	7.42	7.44	7.45	7.46	7.45
Cond. (µs/cm)	569	588	594	602	606	618	659	665	715	719
Specific Cond. (µs/cm)	1007	1056	1069	1085	1095	1121	1200	1216	1320	1325
Salinity (ppt)	0.49	0.52	0.52	0.53	0.54	0.55	0.59	0.60	0.65	0.65
Redox (mV)	-79.0	-107.2	-112.2	+118.7	-121.9	-124.0	129.4 -129.4	-131.8	-130.7	-133.1
DO (mg/L)	0.09	0.11	0.09	0.09	0.13	0.17 0.17	0.36	0.53	0.54	0.50
DO (%)	0.7	0.8	0.6	0.7	0.9	1.1	2.7	3.8	3.7	3.5
Time Logged on YSI	0954	1004	1008	1014	1021	1024	1031	1036	1039	1042

Sample Site (Con't): HLS

BOTTOM

Sample Date (Con't): AUG 19 2016

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~ 24.9

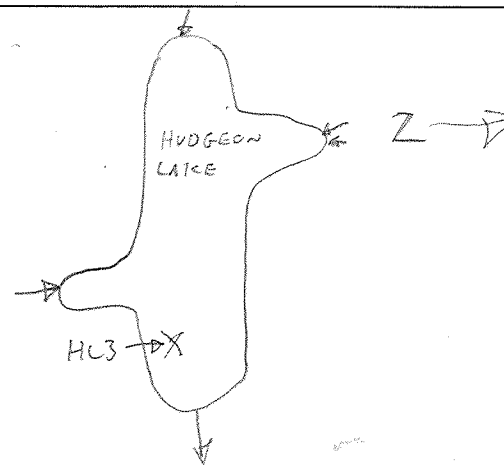
Field Parameter Measurements (note units if different than those stated)										
Sample Depth (m)	20	21	22	23	24	28 24.9				
Temperature (°C)	0.9	0.8	0.6	0.4	0.2	0.1				
pH (pH Units)	7.42	7.42	7.39	7.39	7.39	7.40				
Cond. (µs/cm)	816	895	1018	1111	1177	1236				
Specific Cond. (µs/cm)	1510	1673	1903	2095	2236	2358				
Salinity (ppt)	0.75	0.83	0.95	1.05	1.12	1.19				
Redox (mV)	-133.7	-135.1	-135.7	-136.3	-139 -139	-141.4				
DO (mg/L)	0.43	0.32	0.31	0.31	0.28	0.27				
DO (%)	3.0	2.3	2.2	2.1	2.0	1.9				
Time Logged on YSI	1046	1049	1052	1055	1058	1100				

General Notes:

⊗ All parameters stabilizing faster than during the July event, particularly ORP. And when nearer surface, then slowed.

RUGR - BEATING ON LAKE SIDE.

Site Sketch:



BLACK BEAR SWIMMING IN LAKE BY SOUTHERN
ARM - 15-20 MINS. WALKED UP BANK AT 10-48